ATTACHMENT 6

Passive Soil Gas Survey Report (Beacon Environmental, Inc)

BEACON Report No. 1984

PASSIVE SOIL-GAS SURVEY
SPAULDING FIBER
BUFFALO, NY

Prepared for

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, NY 14209

by

Beacon Environmental Services, Inc.
323 Williams Street
Suite D
Bel Air, MD 21014

July 30, 2007

Applying Results from Soil-Gas Surveys

The utility of soil-gas surveys is directly proportional to their accuracy in reflecting and representing changes in the subsurface concentrations of source compounds. Passive soil-gas survey results are the mass collected from the vapor-phase emanating from the source. The vapor-phase is merely a fractional trace of the source, so, as a matter of convenience, the units used in reporting detection values from passive soil-gas surveys are smaller than those employed for source-compound concentrations.

The critical fact is that, whatever the relative concentrations of source and associated soil gas, best results are realized when the ratio of soil-gas measurements to actual subsurface concentrations remains as close to constant as the real world permits. It is the reliability and consistency of this ratio, not the particular units of mass (*e.g.*, nanograms) that determine usefulness. Thus, BEACON emphasizes the necessity of conducting — at minimum — follow-on intrusive sampling at one or two points that show relatively high soil-gas measurements to obtain corresponding concentrations of soil and groundwater contaminants. These correspondent values furnish the basis for approximating the required ratio. Once that ratio is established, it can be used in conjunction with the soil-gas measurements (regardless of the units adopted) to estimate subsurface contaminant concentrations across the survey field. It is important to keep in mind, however, that specific conditions at individual sample points, including soil porosity and permeability, depth to contamination, and perched ground water, can have significant impact on soil-gas measurements at those locations.

When passive soil-gas surveys are handled in this way, the data provide information that can yield substantial savings in drilling costs and in time. They furnish, among other things, a checklist of compounds expected at each survey location and help to determine how and where drilling budgets can most effectively be spent.

BEACON Report Number: 1984

Passive Soil-Gas Survey
Spaulding Fiber
Buffalo, NY

This Passive Soil-Gas Survey Report has been prepared for LiRo Engineers, Inc. (LIRO) by Beacon Environmental Services, Inc. (BEACON) in accordance with the terms of Purchase Order No. 1326, provided on June 13, 2007. BEACON's principal technical contact at LIRO for this project has been Mr. Stephen Frank.

1. Objectives

Soil-gas samples were collected to determine the presence, identity, and relative strength of targeted contaminants in soil and/or ground water at the Spaulding Fiber site. Survey results will be used to identify source areas and delineate the lateral extent of contamination.

2. Target Compounds

This survey targeted the 59 compounds listed in **Table 1**, which supplies the resulting laboratory data in nanograms (ng) of specific compound per cartridge.

3. Survey Description

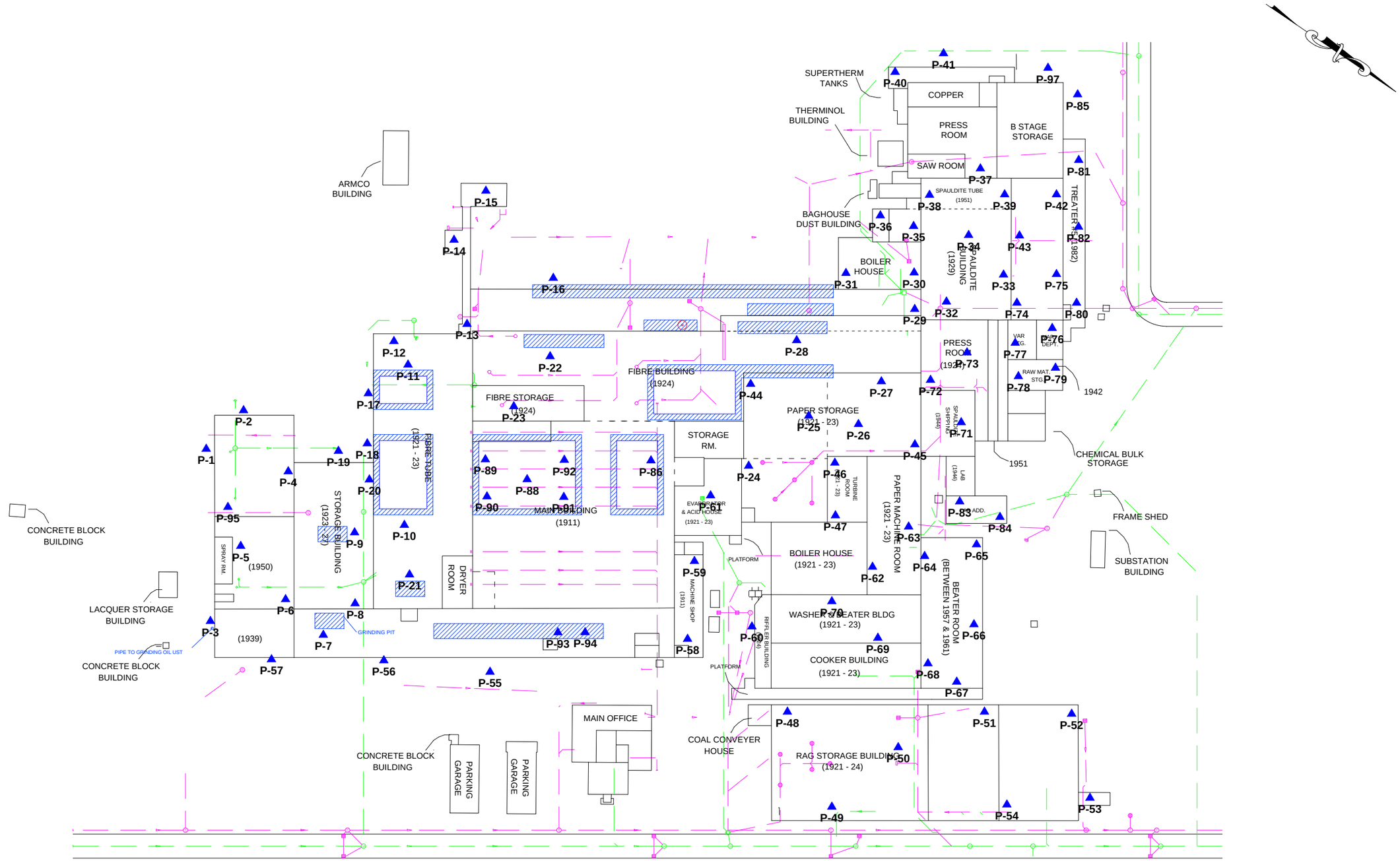
No. of Field Samples:	95
No. of Trip Blanks:	3
Total No. of Samples:	98

Field sample locations are shown on **Figure 1**.

Note: Samples are labeled P-1 through P-97; however, intended locations P-87 and P-96 were not sampled.

4. Field Work

LIRO was provided a BESURE Sample Collection Kit™ with the equipment needed to conduct a 97-point passive soil-gas survey. Samplers were deployed on June 18, 19, 20, and 25, 2007, and were retrieved on June 25, 26, and 27, 2007. **Attachment 1** describes the field procedures used. Individual deployment and retrieval times will be found in the Field Deployment Report (**Attachment 2**).



BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD, 800-878-5510
Beacon Project No. 1984, June 2007

Scale in Feet

0 125 250

P-7 PASSIVE SOIL-GAS SAMPLE LOCATION

PIT AREA / TEST PITS

Figure 1
Passive Soil-Gas Survey
Sample Locations

Spaulding Fiber
Buffalo, NY

5. Analysis and Reporting Dates

BEACON's laboratory received 42 samples on June 26, 2007, and 54 samples on June 28, 2007. Adsorbent cartridges from the passive samplers were thermally desorbed, then analyzed using gas chromatography/mass spectrometry (GC/MS) equipment, in accordance with EPA Method 8260B (Modified), as described in **Attachment 3**. BEACON's laboratory analyzed each cartridge for the targeted compounds; analyses were completed on June 29, 2007. Following a laboratory review, results were provided to LIRO on July 7, 2007. On July 23, 2007, LIRO authorized BEACON to issue the final report.

6. Report Notes and Quality Assurance/Quality Control Factors

Table 1 provides survey results in nanograms per cartridge by sample-point number and compound name. The quantitation levels represent values above which quantitative laboratory results can be achieved within specified limits of precision and with a high degree of confidence. The quantitation level for each compound, therefore, provides a reliable basis for comparing the relative strength of any detection of that compound.

Data Compatibility. It is important to note that when sample locations are covered with or near the edge of an artificial surface (*e.g.*, asphalt or concrete), the concentrations of compounds in soil gas are often significantly higher than the concentrations would be if the surfacing were not present. Thus, a reading taken below or near an impermeable surface is much higher than it would be in the absence of such a cap. Therefore, the sample location conditions should be evaluated when comparing results between locations.

The **Chain-of-Custody** form, which was shipped with the samples for this survey, is supplied as **Attachment 4**.

Laboratory QA/QC procedures included standards, surrogates, and blanks appropriate to EPA Method 8260 (Modified). Field work, analyses, and reporting were done in accordance with BEACON's Quality Assurance Program Plan.

QA/QC Contaminant Corrections. Following EPA guidelines, laboratory data are not corrected for method blank or trip blank sample contamination values; any contamination detected on QA/QC samples is reported in **Table 1**.

Laboratory method blanks are run each day with project samples to identify contamination present in the laboratory. If contamination is detected on a method blank, measurements of identical compounds on samples analyzed the same day are considered to be suspect and are flagged in the laboratory report. The laboratory method blanks analyzed in connection with the present samples revealed no contamination.

The **trip blank** is a sampling cartridge prepared, transported, and analyzed with other samples but intentionally not exposed. Any target compounds identified on the trip blanks are reported in the laboratory data. The analyses of the trip blanks (labeled Trip-1, Trip-2, and Trip-3 in **Table 1**) reported 34 nanograms (ng) of Benzene on Trip-2 and 237 ng of Benzene and 62 ng of Toluene on Trip-3. No other compounds were identified on the trip blanks, indicating that except for the lower level measurements of these compounds, the survey site itself is the source of detected contamination.

Survey findings are relative exclusively to this project and should not routinely be compared with results of other BEACON Surveys. *To establish a relationship between reported soil-gas measurements and actual subsurface contaminant concentrations, which will indicate those detections representing significant subsurface contamination, BEACON recommends the guidelines on the inside front cover of this report.*

At the request of LIRO, the following compound distribution maps have been provided:

Figure 2 — Dichlorofluoromethane
Figure 3 — Trichlorofluoromethane
Figure 4 — 1,1,1-Trichloroethane
Figure 5 — Benzene
Figure 6 — Tetrachloroethene and Breakdowns
Figure 7 — Total BTEX
Figure 8 — Biphenyl
Figure 9 — Alkanes, C_9 - C_{14}

The following **Attachments** are included:

-1- Field Procedures
-2- Field Deployment Report
-3- Laboratory Procedures
-4- Chain-of-Custody Form

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	Meth_Blk	Trip-1	P-1	P-2	P-3	P-4
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062603	07062604	07062605	07062606	07062607	07062608
Received Date:		6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Time:	14:31	15:01	15:30	16:00	16:30	17:00
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	**399**	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	<25	<25	<25	<25	<25	<25
Butane	<25	<25	**10,514**	**1,359**	**3,982**	**450**
Pentane	<25	<25	**5,547**	<25	<25	**1,847**
1,1-Dichloroethene	<25	<25	**25**	**72**	**156**	**32**
trans-1,2-Dichloroethene	<25	<25	<25	**426**	**130**	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	**25**	<25
Hexane	<25	<25	**66**	**196**	<25	**1,260**
cis-1,2-Dichloroethene	<25	<25	<25	**815**	**574**	<25
Chloroform	<25	<25	<25	<25	<25	**27**
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	**102**	**34**
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	**25**	**39**	<25	**94**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	**1,763**	**4,133**	**5,615**	**47**
Heptane	<25	<25	**32**	**43**	<25	**662**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	**806**	**58**	**304**	**402**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	<25	<25	**1,962**	**35**	**89**	**1,653**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	**308**	**28**	**1,130**	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	**71**	<25	<25	**90**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	Meth_Blk	Trip-1	P-1	P-2	P-3	P-4
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062603	07062604	07062605	07062606	07062607	07062608
Received Date:		6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Time:	14:31	15:01	15:30	16:00	16:30	17:00
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	<25	<25	**99**	<25	<25	**124**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	<25	<25	**1,230**	**48**	**56**	**2,057**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	**64**	<25	**33**	**111**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	**31**
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	**45**
Decane	<25	<25	**76**	**182**	<25	**1,523**
1,2,4-Trimethylbenzene	<25	<25	<25	**31**	<25	**95**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	<25	<25	<25	**410**	<25	**719**
Dodecane	<25	<25	<25	**569**	**173**	**155**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	**448**	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	<25	<25	<25	**399**	<25	**143**
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25
Tetradecane	<25	<25	<25	**115**	<25	**69**
Biphenyl	<25	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	<2,500	<2,500	**18,121**	<2,500	**4,085**	**5,872**
Alkanes (C_9 - C_{14})	<2,500	<2,500	<2,500	<2,500	<2,500	**4,666**

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-5	P-6	P-7	P-8	P-9	P-10
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062609	07062610	07062611	07062612	07062613	07062614
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Time:	17:30	18:00	18:30	18:59	19:29	19:59
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	**39**	**26**	<25	<25	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	<25	<25	<25	<25	<25	<25
Butane	**4,252**	**3,809**	<25	<25	<25	**255**
Pentane	**6,822**	**5,963**	**2,900**	**725**	**363**	**810**
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	**164**	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
Hexane	**10,897**	**11,158**	**1,230**	**222**	**132**	**368**
cis-1,2-Dichloroethene	<25	<25	**232**	**100**	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	**62**	**119**	**86**	<25	<25	**116**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	**38**	**142**	**127**	**41**	<25
Heptane	**10,087**	**12,714**	**1,963**	<25	**380**	**355**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**2,751**	**221**	**106**	**53**	**166**	**223**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	**19,675**	**6,712**	**6,823**	<25	**537**	**670**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	**118**	<25	**33**	**193**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**236**	**43**	<25	<25	<25	<25

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-5	P-6	P-7	P-8	P-9	P-10
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062609	07062610	07062611	07062612	07062613	07062614
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Time:	17:30	18:00	18:30	18:59	19:29	19:59
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**364**	**75**	<25	<25	<25	**63**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**5,605**	**2,108**	**7,105**	**293**	**365**	**300**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**404**	**72**	<25	<25	<25	**53**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	**25**	<25	<25	<25
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	**140**	**33**	**352**	<25	<25	<25
Decane	**7,690**	**2,576**	**12,644**	**812**	**729**	**341**
1,2,4-Trimethylbenzene	**429**	**113**	**718**	**29**	**69**	**53**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**2,565**	**922**	**7,402**	**865**	**956**	**242**
Dodecane	**382**	**159**	**5,581**	**277**	**671**	**146**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	**204**	**33**	**26**	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	**116**	**81**	**3,766**	**394**	**645**	**135**
2-Methylnaphthalene	<25	<25	**641**	**46**	**146**	<25
Tetradecane	**73**	**58**	**2,076**	**433**	**559**	**106**
Biphenyl	<25	<25	**46**	<25	<25	<25
Alkanes (C_4 - C_8)	**51,733**	**40,356**	**12,916**	<2,500	<2,500	<2,500
Alkanes (C_9 - C_{14})	**16,431**	**5,904**	**38,574**	**3,074**	**3,925**	<2,500

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-11	P-12	P-13	P-14	P-15	P-16
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062615	07062616	07062617	07062618	07062619	07062620
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Time:	20:29	20:59	21:29	21:59	22:29	22:59
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	**44**	<25	<25	<25	**853**	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	<25	<25	<25	<25	<25	<25
Butane	**615**	**1,852**	<25	<25	**1,890**	**947**
Pentane	**1,164**	**1,438**	**234**	<25	**1,566**	**940**
1,1-Dichloroethene	**790**	<25	<25	<25	**35,586**	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	**137**	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	**163**	<25	<25	<25	**3,375**	<25
Hexane	**119**	**485**	**40**	<25	**224**	**464**
cis-1,2-Dichloroethene	<25	<25	**49**	<25	**1,115**	<25
Chloroform	**65**	<25	<25	<25	**127**	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	**46**	<25
1,1,1-Trichloroethane	**1,360**	**25**	**29**	<25	**15,379**	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	**36**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	**39**	<25	**253**	<25	**615**	**26**
Heptane	<25	**398**	<25	<25	**94**	**376**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**422**	**513**	**76**	**253**	<25	**1,659**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	**1,879**	**4,165**	**132**	<25	<25	**2,189**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	**16,972**	**1,263**	**3,438**	<25	**514**	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**80**	**98**	<25	<25	<25	**97**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-11	P-12	P-13	P-14	P-15	P-16
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062615	07062616	07062617	07062618	07062619	07062620
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Time:	20:29	20:59	21:29	21:59	22:29	22:59
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**154**	**195**	<25	<25	<25	**154**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**1,109**	**2,919**	**96**	<25	<25	**1,485**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**122**	**156**	<25	<25	<25	**117**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	**62**	**74**	<25	<25	<25	<25
Decane	**1,767**	**4,103**	**158**	<25	**47**	**1,929**
1,2,4-Trimethylbenzene	**215**	**254**	**25**	<25	**25**	**119**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**873**	**1,568**	**144**	<25	**36**	**853**
Dodecane	**138**	**182**	<25	<25	**35**	**98**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	**50**	**43**	**25**	<25	**28**	<25
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25
Tetradecane	**47**	**44**	**28**	<25	**26**	<25
Biphenyl	<25	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	**3,777**	**8,338**	<2,500	<2,500	**3,784**	**4,916**
Alkanes (C_9 - C_{14})	**3,984**	**8,859**	<2,500	<2,500	<2,500	**4,393**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-17	P-18	P-19	P-20	P-21	P-22
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062621	07062622	07062623	07062624	07062625	07062626
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/26/2007	6/26/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007
Analysis Time:	23:29	23:59	12:29	12:59	1:29	1:58
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	**26**	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	<25	<25	<25	<25	<25	<25
Butane	**1,567**	**2,862**	**432**	**161**	**1,582**	**804**
Pentane	**2,526**	**4,046**	**678**	**420**	**2,566**	**1,175**
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	**31**	<25	**50**	**34**
Hexane	**263**	**2,224**	**156**	**51**	**1,641**	**333**
cis-1,2-Dichloroethene	<25	<25	<25	**79**	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	**49**	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	**59**	<25	<25	**48**	**26**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	**30**	**42**	<25	<25
Heptane	**252**	**1,931**	**200**	<25	**1,099**	**357**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**900**	**1,837**	**1,233**	**149**	**99**	**404**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	**1,602**	**2,799**	**1,513**	**85**	**842**	**3,071**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	**76**	**119**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**85**	**134**	**135**	<25	<25	**104**

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-17	P-18	P-19	P-20	P-21	P-22
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062621	07062622	07062623	07062624	07062625	07062626
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/26/2007	6/26/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007
Analysis Time:	23:29	23:59	12:29	12:59	1:29	1:58
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**138**	**180**	**150**	<25	**26**	**234**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**668**	**865**	**440**	**91**	**784**	**4,969**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**101**	**113**	**89**	<25	**32**	**283**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	**38**
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	**29**	<25	<25	<25	**290**
Decane	**673**	**731**	**472**	**67**	**1,060**	**7,977**
1,2,4-Trimethylbenzene	**94**	**75**	**68**	**28**	**63**	**998**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**935**	**425**	**269**	**51**	**515**	**2,682**
Dodecane	<25	**138**	**26**	**32**	**55**	**287**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	**203**	**157**	**410**	**118**	<25	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	<25	**38**	<25	**26**	**26**	**69**
2-Methylnaphthalene	**65**	**69**	**101**	**43**	<25	<25
Tetradecane	<25	**30**	<25	<25	<25	<25
Biphenyl	<25	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	**6,210**	**13,862**	**2,979**	<2,500	**7,730**	**5,740**
Alkanes (C_9 - C_{14})	<2,500	<2,500	<2,500	<2,500	<2,500	**15,996**

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-23	P-24	P-25	P-26	P-27	P-28
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062627	07062628	07062629	07062630	07062631	07062632
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007
Analysis Time:	2:28	2:58	3:28	3:58	4:28	4:58
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	**55**	**41**
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	<25	**173**	**962**	**5,819**	**673**	**468**
Butane	**1,771**	<25	**998**	**440**	**1,193**	**1,802**
Pentane	**2,015**	**263**	**6,363**	**892**	**3,226**	**4,349**
1,1-Dichloroethene	<25	**65**	<25	**786**	**525**	**11,930**
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	**37**	**82**
Hexane	**728**	**51**	**3,773**	**585**	**1,830**	**6,792**
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	**151**	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	**73**	**151**	**1,448**	**2,886**	**76,670**
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	**35**	<25	**81**	<25	**78**	**102**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
Heptane	**516**	<25	**3,294**	**542**	**1,550**	**4,722**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**354**	**171**	**168**	**31**	**294**	**126**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	**1,531**	**614**	**1,365**	**337**	**808**	**1,395**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	**1,056**	<25	**185**	<25	**2,620**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**38**	**36**	<25	<25	**1,821**	<25

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-23	P-24	P-25	P-26	P-27	P-28
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062627	07062628	07062629	07062630	07062631	07062632
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007
Analysis Time:	2:28	2:58	3:28	3:58	4:28	4:58
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**74**	**58**	**41**	<25	**2,797**	**25**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**1,877**	**406**	**760**	**229**	**288**	**625**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**74**	**56**	**52**	<25	**1,656**	**30**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	**25**	<25	<25	<25
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	**84**	<25	<25	<25
Decane	**1,997**	**361**	**1,345**	**251**	**322**	**766**
1,2,4-Trimethylbenzene	**146**	**54**	**229**	<25	<25	**40**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**777**	**184**	**1,319**	**290**	**319**	**435**
Dodecane	**183**	<25	**1,181**	<25	**88**	**187**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	**62**	<25	**29**	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	**47**	<25	**1,103**	**41**	**133**	**121**
2-Methylnaphthalene	<25	<25	**107**	<25	<25	<25
Tetradecane	<25	<25	**735**	**39**	**100**	**36**
Biphenyl	<25	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	**6,561**	<2,500	**15,793**	**2,796**	**8,607**	**19,060**
Alkanes (C_9 - C_{14})	**4,901**	<2,500	**6,443**	<2,500	<2,500	<2,500

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-29	P-30	P-31	P-32	P-33	P-34
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062633	07062634	07062635	07062636	07062637	07062638
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007
Analysis Time:	5:28	5:58	6:27	6:57	7:27	7:57
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	**118**	<25	<25	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	**51**	**1,596**	**80**	**584**	**39**	<25
Butane	**244**	<25	**570**	<25	<25	**4,964**
Pentane	**1,132**	**408**	**1,453**	**403**	**934**	**9,640**
1,1-Dichloroethene	<25	**230**	**400**	<25	**45**	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	**32**	<25	<25	<25
Hexane	**444**	**552**	**1,862**	**69**	**122**	**15,415**
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	**28**	<25	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	**195**	**807**	**2,724**	**40**	**120**	**63**
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	**29**	**25**	**47**	<25	**123**	**97**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	**78**	**31**	<25	<25	<25	<25
Heptane	**275**	**564**	**1,459**	<25	<25	**11,645**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**181**	**60**	**104**	**121**	**131**	**455**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	**217**	**276**	**484**	<25	**147**	**4,240**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	**412**	**24,824**	**769**	**108**	**46**	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**27**	<25	<25	<25	<25	**42**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-29	P-30	P-31	P-32	P-33	P-34
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062633	07062634	07062635	07062636	07062637	07062638
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007
Analysis Time:	5:28	5:58	6:27	6:57	7:27	7:57
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**41**	<25	<25	<25	**62**	**105**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**215**	**137**	**411**	<25	**112**	**2,530**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**35**	<25	<25	<25	**129**	**111**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	**51**
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	**59**	<25	**37**	**168**
Decane	**225**	**171**	**2,014**	**134**	**193**	**3,890**
1,2,4-Trimethylbenzene	**36**	**33**	**158**	**25**	**62**	**391**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**264**	**50**	**5,041**	**207**	**79**	**2,132**
Dodecane	**127**	**33**	**2,455**	**39**	**64**	**669**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	**206**	**31**	**81**	<25	<25	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	**74**	**33**	**1,498**	**33**	**69**	**381**
2-Methylnaphthalene	**42**	**37**	**139**	<25	<25	**35**
Tetradecane	**56**	<25	**826**	**39**	**60**	**147**
Biphenyl	<25	<25	**30**	<25	<25	<25
Alkanes (C_4 - C_8)	<2,500	<2,500	**5,828**	<2,500	<2,500	**45,904**
Alkanes (C_9 - C_{14})	<2,500	<2,500	**12,245**	<2,500	<2,500	**9,749**

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-35	P-36	P-37	P-38	P-40	P-42
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062639	07062640	07062641	07062642	07062643	07062644
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007
Analysis Time:	8:27	8:57	9:27	9:57	10:27	10:57
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	**102**	<25	<25	<25	<25	<25
Butane	**404**	<25	**1,387**	**3,589**	**1,435**	**430**
Pentane	**962**	**562**	**2,533**	**5,652**	**1,726**	**1,480**
1,1-Dichloroethene	**50**	<25	**30**	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
Hexane	**953**	**164**	**1,632**	**5,205**	**1,400**	**481**
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	**106**	<25	**85**	**91**	<25	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	**95**	**226**	**55**	**36**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	**53**	<25	**49**	<25
Heptane	**720**	**225**	**1,408**	**3,103**	**1,337**	**1,319**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**78**	**46**	**785**	**528**	**4,617**	**19,772**
1,3-Dichloropropane	<25	<25	<25	<25	**44**	**191**
Octane	**421**	**102**	**2,292**	**1,119**	**7,410**	**43,282**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	**405**	<25	**136**	**555**	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	**100**	**27**	**335**	**657**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-35	P-36	P-37	P-38	P-40	P-42
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062639	07062640	07062641	07062642	07062643	07062644
Received Date:	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007	6/26/2007
Analysis Date:	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007	6/27/2007
Analysis Time:	8:27	8:57	9:27	9:57	10:27	10:57
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	<25	<25	**200**	**38**	**589**	**930**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**269**	**621**	**3,234**	**715**	**5,195**	**12,006**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	**198**	**37**	**544**	**1,082**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	**60**	**94**
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	**137**	<25	**280**	**499**
Decane	**351**	**488**	**5,182**	**1,519**	**4,358**	**12,915**
1,2,4-Trimethylbenzene	**33**	**39**	**396**	**63**	**704**	**1,372**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**281**	**156**	**1,484**	**1,329**	**1,750**	**3,268**
Dodecane	**46**	**43**	**121**	**224**	**373**	**340**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	**1,346**
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	**48**	**41**	**55**	**99**	**205**	**44**
2-Methylnaphthalene	<25	<25	<25	<25	<25	**271**
Tetradecane	**36**	<25	**30**	**43**	**45**	**64**
Biphenyl	<25	<25	<25	<25	<25	**65**
Alkanes (C_4 - C_8)	**3,460**	<2,500	**9,252**	**18,668**	**13,308**	**46,992**
Alkanes (C_9 - C_{14})	<2,500	<2,500	**10,106**	**3,929**	**11,926**	**28,637**

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-43	Meth_Blk	Trip-2	P-39	P-41	P-44
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062645	07062803	07062805	07062806	07062807	07062808
Received Date:	6/26/2007		6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/27/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Time:	11:27	16:11	17:11	17:40	18:10	18:40
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	**824**
Trichlorofluoromethane	**53**	<25	<25	<25	<25	**252**
Butane	**842**	<25	<25	**2,947**	**778**	**2,385**
Pentane	**1,519**	<25	<25	**2,679**	**2,186**	<25
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
Hexane	**2,636**	<25	<25	**567**	**2,888**	**132**
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	**233**
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	**121**	<25	<25	<25	<25	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	**333**	<25	**34**	<25	**55**	**92**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
Heptane	**2,896**	<25	<25	**263**	**2,619**	**6,437**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**16,092**	<25	<25	**27**	**146**	**19,877**
1,3-Dichloropropane	**153**	<25	<25	<25	<25	<25
Octane	**55,522**	<25	<25	**178**	**1,435**	**128,340**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	**96**	**441**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**1,074**	<25	<25	<25	**43**	**11,571**

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-43	Meth_Blk	Trip-2	P-39	P-41	P-44
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062645	07062803	07062805	07062806	07062807	07062808
Received Date:	6/26/2007		6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/27/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Time:	11:27	16:11	17:11	17:40	18:10	18:40
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**1,607**	<25	<25	<25	**81**	**14,432**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**23,957**	<25	<25	**108**	**657**	**26,827**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**1,826**	<25	<25	<25	**61**	**13,516**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	**144**	<25	<25	<25	<25	**276**
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	**834**	<25	<25	<25	**26**	<25
Decane	**27,288**	<25	<25	**130**	**591**	**26,280**
1,2,4-Trimethylbenzene	**2,078**	<25	<25	<25	**52**	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**5,042**	<25	<25	**88**	**434**	**9,741**
Dodecane	**504**	<25	<25	**42**	**173**	**834**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	**160**	<25	<25	**32**	**126**	**27**
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25
Tetradecane	**99**	<25	<25	<25	**60**	<25
Biphenyl	<25	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	**63,415**	<2,500	<2,500	**6,634**	**9,906**	**137,294**
Alkanes (C_9 - C_{14})	**57,050**	<2,500	<2,500	<2,500	<2,500	**63,721**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-45	P-46	P-47	P-48	P-49	P-50
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062809	07062810	07062811	07062812	07062813	07062814
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Time:	19:10	19:40	20:10	20:39	21:09	21:39
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Dichlorofluoromethane	**60**	**49**	<25	<25	<25	<25
Trichlorofluoromethane	**207**	<25	<25	**27**	<25	<25
Butane	**6,519**	**274**	<25	**1,210**	**317**	**351**
Pentane	**3,417**	<25	<25	**2,794**	**1,607**	**1,555**
1,1-Dichloroethene	**68**	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	**45**	<25	<25	<25
Hexane	<25	<25	<25	**2,225**	**1,230**	**433**
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	**429**	<25	<25	<25	<25	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	**32**	**42**	**27**	**252**	**98**	**25**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
Heptane	**474**	**146**	<25	**1,815**	**1,087**	**521**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**850**	**781**	**47**	**279**	**132**	**275**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	**5,233**	**1,720**	<25	**901**	**817**	**3,059**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**553**	**591**	<25	**45**	**79**	**387**

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-45	P-46	P-47	P-48	P-49	P-50
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062809	07062810	07062811	07062812	07062813	07062814
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Time:	19:10	19:40	20:10	20:39	21:09	21:39
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**971**	**872**	**25**	**97**	**131**	**673**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**2,555**	**557**	<25	**418**	**258**	**1,395**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**691**	**439**	<25	**83**	**99**	**443**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	**25**	<25	<25	<25	<25	<25
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	**49**	<25	<25
Decane	**1,971**	**336**	<25	**457**	**240**	**976**
1,2,4-Trimethylbenzene	<25	<25	<25	**104**	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**892**	**289**	<25	**257**	**313**	**748**
Dodecane	**57**	**64**	<25	**49**	**34**	**146**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	**125**	<25	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	<25	<25	<25	**36**	**33**	**87**
2-Methylnaphthalene	<25	<25	<25	**48**	<25	<25
Tetradecane	<25	<25	<25	**35**	**37**	**43**
Biphenyl	<25	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	**15,643**	<2,500	<2,500	**8,945**	**5,058**	**5,919**
Alkanes (C_9 - C_{14})	**5,495**	<2,500	<2,500	<2,500	<2,500	**3,395**

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-51	P-52	P-53	P-54	P-55	P-56
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062815	07062816	07062817	07062818	07062819	07062820
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/29/2007	6/29/2007
Analysis Time:	22:09	22:39	23:08	23:38	12:08	12:38
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	<25	<25	<25	<25	<25	<25
Butane	**264**	**651**	**186**	**244**	**105**	**1,379**
Pentane	**386**	**1,764**	**905**	**890**	**3,028**	**2,478**
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
Hexane	**244**	**685**	**183**	**169**	**281**	**735**
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	**140**	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	<25	**1,372**	**26**	**43**	**34**	**106**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
Heptane	**334**	**614**	**454**	**212**	**439**	**2,130**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**68**	**122**	**116**	**68**	**662**	**83**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	**770**	**650**	**382**	**227**	**2,902**	**12,074**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	**27**	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**81**	**43**	<25	**80**	**596**	<25

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-51	P-52	P-53	P-54	P-55	P-56
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062815	07062816	07062817	07062818	07062819	07062820
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/29/2007	6/29/2007
Analysis Time:	22:09	22:39	23:08	23:38	12:08	12:38
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**130**	**73**	**42**	**185**	**862**	<25
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**346**	**285**	**178**	**156**	**653**	**109,446**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**84**	**48**	**25**	**176**	**608**	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	**371**
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25
Decane	**273**	**351**	**418**	**232**	**373**	**193,489**
1,2,4-Trimethylbenzene	<25	**31**	<25	**55**	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**268**	**425**	**228**	**283**	**197**	**45,234**
Dodecane	**33**	**173**	**45**	**59**	<25	**5,476**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	**39**
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	<25	**71**	**30**	**35**	<25	**1,826**
2-Methylnaphthalene	<25	<25	<25	<25	<25	<25
Tetradecane	<25	**60**	<25	<25	<25	**1,824**
Biphenyl	<25	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	<2,500	**4,364**	<2,500	<2,500	**6,755**	**18,796**
Alkanes (C_9 - C_{14})	<2,500	<2,500	<2,500	<2,500	<2,500	**357,295**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-57	P-58	P-59	P-60	P-61	P-62
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062821	07062822	07062823	07062824	07062825	07062826
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	1:08	1:38	2:08	2:37	3:07	3:37
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	**1,920**
Dichlorofluoromethane	<25	<25	<25	**313**	<25	<25
Trichlorofluoromethane	<25	<25	**25**	**452**	<25	<25
Butane	**11,235**	**160**	**312**	**899**	**2,018**	**638**
Pentane	**5,579**	**222**	**1,943**	**3,911**	**1,679**	**2,138**
1,1-Dichloroethene	<25	<25	<25	<25	**195**	**5,444**
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	**1,803**
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	**30**	**47**	**28,189**
Hexane	**930**	**645**	**565**	**1,106**	**1,793**	**619**
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	**68,078**
Chloroform	**28**	<25	<25	**130**	**78**	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	**110**	**71**	**57**	**449**	**22,716**
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	**233**	<25	<25	<25	<25
Benzene	**152**	**62**	**78**	**85**	**109**	**62**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	**26**	<25	<25	<25	<25	**11,109**
Heptane	**2,765**	**459**	**635**	**983**	**2,931**	**1,109**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**3,383**	**271**	**79**	**847**	**3,417**	**984**
1,3-Dichloropropane	**35**	<25	<25	<25	<25	<25
Octane	**26,267**	**2,453**	**1,717**	**9,542**	**23,630**	**13,785**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	**222**	<25	**1,869**	**81,713**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**1,257**	**309**	**271**	**360**	**1,614**	**1,019**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-57	P-58	P-59	P-60	P-61	P-62
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062821	07062822	07062823	07062824	07062825	07062826
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	1:08	1:38	2:08	2:37	3:07	3:37
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**2,218**	**659**	**715**	**526**	**2,423**	**1,802**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**83,618**	**2,303**	**2,999**	**2,302**	**5,864**	**5,057**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**1,971**	**612**	**643**	**496**	**2,549**	**1,531**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	**165**	<25	<25	**27**	**77**	**42**
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	**30**	**29**	**30**	<25	<25
Decane	**106,624**	**3,259**	**3,734**	**1,761**	**6,592**	**4,512**
1,2,4-Trimethylbenzene	<25	<25	<25	**53**	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	**38**
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**52,099**	**4,132**	**2,240**	**757**	**3,445**	**1,394**
Dodecane	**8,786**	**1,932**	**398**	**101**	**402**	**578**
1,2,4-Trichlorobenzene	**52**	<25	<25	<25	<25	<25
Naphthalene	**7,595**	**70**	**27**	**732**	**129**	**30**
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	**4,790**	**2,242**	**321**	**93**	**87**	**362**
2-Methylnaphthalene	**3,312**	**40**	<25	**146**	**38**	<25
Tetradecane	**5,291**	**1,535**	**198**	**69**	**62**	**256**
Biphenyl	**482**	**199**	<25	**25**	<25	<25
Alkanes (C_4 - C_8)	**46,776**	**3,939**	**5,172**	**16,441**	**32,051**	**18,289**
Alkanes (C_9 - C_{14})	**261,208**	**15,403**	**9,890**	**5,083**	**16,452**	**12,159**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-63	P-64	P-65	P-66	P-67	P-68
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062827	07062828	07062829	07062830	07062831	07062832
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	4:07	4:37	5:07	5:37	6:07	6:36
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	**177**	<25	<25	<25	<25	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	<25	<25	<25	<25	<25	<25
Butane	**587**	**533**	**637**	<25	**1,121**	**1,956**
Pentane	**1,364**	**1,044**	**936**	<25	**2,831**	**2,584**
1,1-Dichloroethene	**919**	**70**	<25	<25	<25	<25
trans-1,2-Dichloroethene	**89**	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	**525**	<25	<25	<25	<25	<25
Hexane	**352**	**678**	**190**	**6,012**	**1,263**	**1,368**
cis-1,2-Dichloroethene	**538**	**25**	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	**333**	**39**	<25	<25	<25	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	**42**	**75**	**36**	**344,865**	**31,105**	**1,552**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	**625**	<25	<25	<25	<25	<25
Heptane	**445**	**824**	**217**	**5,780**	**962**	**945**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**206**	**134**	**37**	**106,387**	**1,162**	**381**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	**1,204**	**1,811**	**263**	**1,662**	**852**	**727**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	**3,478**	**158**	**69**	**58**	**29**	**55**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**123**	**146**	<25	**852**	**139**	**48**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-63	P-64	P-65	P-66	P-67	P-68
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062827	07062828	07062829	07062830	07062831	07062832
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	4:07	4:37	5:07	5:37	6:07	6:36
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**252**	**317**	**39**	**4,129**	**342**	**123**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**776**	**1,243**	**148**	**145**	**607**	**789**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**213**	**250**	**34**	**2,207**	**222**	**112**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	**455**	<25	<25
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	**26**	<25	**649**	**68**	**38**
Decane	**2,321**	**1,203**	**204**	**110**	**613**	**947**
1,2,4-Trimethylbenzene	**69**	**68**	**48**	**150**	**139**	**84**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**3,761**	**1,004**	**168**	<25	**493**	**661**
Dodecane	**3,964**	**372**	**29**	**65**	**88**	**166**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	**57**	<25	**36**	**82**	**96**	**42**
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	**3,459**	**400**	**29**	**125**	**72**	**49**
2-Methylnaphthalene	**223**	**25**	<25	**83**	**49**	<25
Tetradecane	**2,108**	**307**	**36**	**70**	**47**	**28**
Biphenyl	**27**	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	**3,952**	**4,890**	<2,500	**13,454**	**7,029**	**7,580**
Alkanes (C_9 - C_{14})	**16,389**	**4,529**	<2,500	<2,500	<2,500	**2,640**

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-69	P-70	P-71	Trip-3	P-72	P-73
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062833	07062834	07062835	07062836	07062837	07062838
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	7:06	7:36	8:06	8:36	9:06	9:36
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	<25	<25	<25	<25	**45**	<25
Butane	**588**	<25	**830**	<25	**641**	**1,033**
Pentane	**1,540**	**751**	**2,007**	<25	**1,345**	**1,788**
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	**88**	<25	<25	<25	<25
Hexane	**191**	**121**	**2,865**	<25	**759**	**1,491**
cis-1,2-Dichloroethene	<25	**88**	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	**126**	**135**
1,1-Dichloropropene	<25	<25	<25	<25	**28**	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	**772**	**466**	**417**	**237**	**258**	**245**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
Heptane	**189**	**188**	**1,630**	<25	**623**	**1,546**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**212**	**281**	**107**	**62**	**115**	**250**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	**362**	**968**	**1,072**	<25	**844**	**1,252**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	**43**	**45**	<25	<25	<25	**31**
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**75**	**283**	**26**	<25	**134**	**52**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-69	P-70	P-71	Trip-3	P-72	P-73
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062833	07062834	07062835	07062836	07062837	07062838
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	7:06	7:36	8:06	8:36	9:06	9:36
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**189**	**588**	**66**	<25	**330**	**120**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**262**	**643**	**603**	<25	**1,037**	**1,146**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**146**	**419**	**52**	<25	**320**	**108**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	**64**
Decane	**281**	**581**	**673**	<25	**1,849**	**1,640**
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	**135**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**317**	**351**	**375**	<25	**2,446**	**1,448**
Dodecane	**81**	**69**	**161**	<25	**453**	**1,034**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	**66**
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	<25	**49**	**147**	<25	**98**	**871**
2-Methylnaphthalene	<25	<25	<25	<25	<25	**46**
Tetradecane	<25	**28**	**93**	<25	**54**	**512**
Biphenyl	<25	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	**2,870**	<2,500	**8,404**	<2,500	**4,212**	**7,110**
Alkanes (C_9 - C_{14})	<2,500	<2,500	<2,500	<2,500	**5,937**	**6,651**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-74	P-75	P-76	P-77	P-78	P-79
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062839	07062840	07062841	07062842	07062843	07062844
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	10:05	10:35	11:05	11:35	12:05	12:34
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	<25	<25	<25	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	**30**	<25	<25	<25	<25	<25
Butane	**114**	**2,794**	<25	**631**	<25	**626**
Pentane	**2,323**	<25	<25	**1,488**	<25	**1,207**
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25
Hexane	**395**	**9,084**	<25	**898**	**8,866**	**721**
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	**45**	<25	<25	<25	<25	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	**169**	**413**	**113**	**127**	**237,975**	**1,389**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	**185**	<25	<25	<25	<25
Heptane	**451**	**17,483**	<25	**1,123**	**11,169**	**420**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**87**	**5,852**	**102**	**366**	**26,930**	**107**
1,3-Dichloropropane	<25	**53**	<25	<25	<25	<25
Octane	**392**	**4,370**	**378**	**2,084**	**10,439**	**312**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	**44**	**1,152**	**44**	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**56**	**123**	**151**	**355**	**656**	<25

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-74	P-75	P-76	P-77	P-78	P-79
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062839	07062840	07062841	07062842	07062843	07062844
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	10:05	10:35	11:05	11:35	12:05	12:34
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**137**	**321**	**321**	**825**	**1,400**	**35**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**642**	**2,333**	**450**	**2,356**	**3,415**	**269**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**114**	**333**	**216**	**815**	**1,363**	**36**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	**28**	<25	**29**	**35**	<25
Phenol	<25	**601**	**57**	<25	<25	**69**
1,3,5-Trimethylbenzene	**27**	**75**	<25	<25	<25	<25
Decane	**1,914**	**4,718**	**525**	**3,224**	**5,569**	**306**
1,2,4-Trimethylbenzene	**61**	**172**	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**489**	**2,096**	**304**	**2,193**	**3,454**	**271**
Dodecane	**130**	**387**	**50**	**188**	**906**	**69**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	**176**	<25	<25	**58**	<25	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	**68**	**195**	<25	<25	**358**	<25
2-Methylnaphthalene	**66**	<25	<25	<25	<25	<25
Tetradecane	**51**	**118**	<25	**39**	**88**	<25
Biphenyl	<25	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	**3,675**	**33,731**	<2,500	**6,224**	**30,474**	**3,286**
Alkanes (C_9 - C_{14})	**3,294**	**9,847**	<2,500	**8,018**	**13,790**	<2,500

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-80	P-81	P-82	Meth_Blk	P-83	P-84
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062845	07062846	07062847	07062903	07062904	07062905
Received Date:	6/28/2007	6/28/2007	6/28/2007		6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	13:04	13:34	14:03	16:36	17:06	17:36
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	<25	**34**	<25	<25	<25
Dichlorofluoromethane	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	**31**	**52**	**57**	<25	<25	<25
Butane	**1,055**	**562**	**577**	<25	**703**	**950**
Pentane	<25	**1,649**	**1,341**	<25	**1,249**	**1,477**
1,1-Dichloroethene	<25	<25	**61**	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	**92**	<25	<25	<25
Hexane	**1,064**	**1,388**	**1,578**	<25	**95**	**804**
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Chloroform	<25	**976**	**302**	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	**183**	<25	<25	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	**27,079**	**368**	**276**	<25	**79**	**141**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25
Heptane	**1,343**	**1,234**	**1,395**	<25	<25	**841**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**1,167**	**87**	**89**	<25	**41**	**244**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	**2,903**	**1,168**	**914**	<25	**334**	**1,770**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	**65**	<25	**41**	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**406**	**62**	<25	<25	**50**	**244**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-80	P-81	P-82	Meth_Blk	P-83	P-84
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062845	07062846	07062847	07062903	07062904	07062905
Received Date:	6/28/2007	6/28/2007	6/28/2007		6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	13:04	13:34	14:03	16:36	17:06	17:36
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**842**	**132**	**53**	<25	**98**	**470**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**2,123**	**1,689**	**1,041**	<25	**154**	**699**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**694**	**87**	**54**	<25	**60**	**308**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	**27**	<25	<25	<25	<25	<25
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	**68**	**115**	**70**	<25	<25	<25
Decane	**2,098**	**2,704**	**1,339**	<25	**144**	**551**
1,2,4-Trimethylbenzene	**156**	**219**	**178**	<25	<25	**44**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**2,127**	**1,709**	**767**	<25	**132**	**337**
Dodecane	**383**	**718**	**239**	<25	**66**	**117**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	**50**	<25	<25	<25	<25	<25
Hexachlorobutadiene	<25	<25	<25	<25	**519**	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	**391**	**469**	**111**	<25	**42**	**34**
2-Methylnaphthalene	**43**	**29**	<25	<25	<25	<25
Tetradecane	**168**	**253**	**36**	<25	**43**	**36**
Biphenyl	<25	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	**6,365**	**6,001**	**5,805**	<2,500	<2,500	**5,842**
Alkanes (C_9 - C_{14})	**7,290**	**7,542**	**3,533**	<2,500	<2,500	<2,500

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-85	P-86	P-88	P-89	P-90	P-91
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062906	07062907	07062908	07062909	07062910	07062911
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	18:06	18:36	19:06	19:37	20:07	20:37
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
Vinyl Chloride	<25	**165**	<25	<25	<25	<25
Dichlorofluoromethane	<25	<25	**581**	**512**	**54**	<25
Trichlorofluoromethane	<25	**610**	**11,439**	**2,043**	**239**	<25
Butane	**21,125**	**2,572**	**1,216**	**526**	**313**	**644**
Pentane	**10,571**	**2,223**	**3,187**	**1,347**	**827**	**1,614**
1,1-Dichloroethene	<25	**75**	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	**58**	<25	<25	<25	**34**
Hexane	**981**	**1,664**	**852**	**375**	**227**	**420**
cis-1,2-Dichloroethene	<25	**46**	<25	**29**	<25	<25
Chloroform	<25	**126**	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	**64**	**31**	<25	<25	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25
Benzene	**114**	**161**	**54**	**60**	**40**	**61**
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	**221**	<25	**438**	<25	<25
Heptane	**2,506**	**1,201**	**661**	**400**	**207**	**508**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25
Toluene	**1,938**	**862**	**52**	**93**	**41**	**103**
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25
Octane	**10,922**	**6,140**	**438**	**962**	**192**	**698**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	**2,144**	**57**	<25	**62**	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25
Ethylbenzene	**500**	**1,133**	<25	**130**	<25	**55**

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-85	P-86	P-88	P-89	P-90	P-91
Project Number:	1984	1984	1984	1984	1984	1984
Lab File ID:	07062906	07062907	07062908	07062909	07062910	07062911
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	18:06	18:36	19:06	19:37	20:07	20:37
Units:	ng	ng	ng	ng	ng	ng
COMPOUNDS						
p & m-Xylene	**779**	**2,131**	<25	**326**	<25	**121**
Bromoform	<25	<25	<25	<25	<25	<25
Nonane	**2,380**	**3,257**	**311**	**1,189**	**142**	**411**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25
o-Xylene	**690**	**1,678**	<25	**293**	<25	**95**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	**45**	<25	<25	<25	<25
Phenol	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	**40**	<25	<25	<25	<25
Decane	**2,577**	**2,600**	**322**	**1,904**	**179**	**430**
1,2,4-Trimethylbenzene	<25	<25	**38**	<25	<25	**54**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25	<25
Undecane	**1,248**	**1,482**	**275**	**1,921**	**162**	**422**
Dodecane	**384**	**194**	**145**	**351**	**95**	**84**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Naphthalene	<25	**31**	<25	<25	**83**	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25
Tridecane	**156**	**73**	**130**	**83**	**164**	**69**
2-Methylnaphthalene	<25	<25	<25	<25	**82**	<25
Tetradecane	**62**	**46**	**61**	**52**	**662**	**49**
Biphenyl	<25	<25	<25	<25	**29**	<25
Alkanes (C_4 - C_8)	**46,105**	**13,800**	**6,354**	**3,610**	<2,500	**3,884**
Alkanes (C_9 - C_{14})	**6,807**	**7,652**	<2,500	**5,500**	<2,500	<2,500

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-92	P-93	P-94	P-95	P-97
Project Number:	1984	1984	1984	1984	1984
Lab File ID:	07062912	07062913	07062914	07062915	07062916
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	21:07	21:37	22:07	22:37	23:08
Units:	ng	ng	ng	ng	ng
COMPOUNDS					
Vinyl Chloride	**67**	<25	<25	<25	<25
Dichlorofluoromethane	**4,461**	**29**	<25	<25	<25
Trichlorofluoromethane	**43,139**	**265**	**55**	<25	<25
Butane	**2,926**	<25	**5,550**	**897**	**979**
Pentane	**3,283**	**440**	**2,799**	**4,611**	**576**
1,1-Dichloroethene	**78**	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25
1,1-Dichloroethane	**406**	<25	<25	<25	<25
Hexane	**449**	<25	**155**	**590**	**307**
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	**61**	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	**102**	<25	<25	**65**	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25
Benzene	**43**	**25**	**156**	**47**	**25**
1,2-Dichloropropane	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	**624**	<25
Heptane	**332**	<25	**5,484**	**613**	**505**
1,1,2-Trichloroethane	<25	<25	<25	<25	<25
Toluene	**54**	**28**	**28,383**	**161**	**99**
1,3-Dichloropropane	<25	<25	**265**	<25	<25
Octane	**423**	<25	**61,375**	**1,956**	**999**
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25
Tetrachloroethene	**133**	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25
Ethylbenzene	**46**	<25	**10,322**	**177**	**68**

Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.

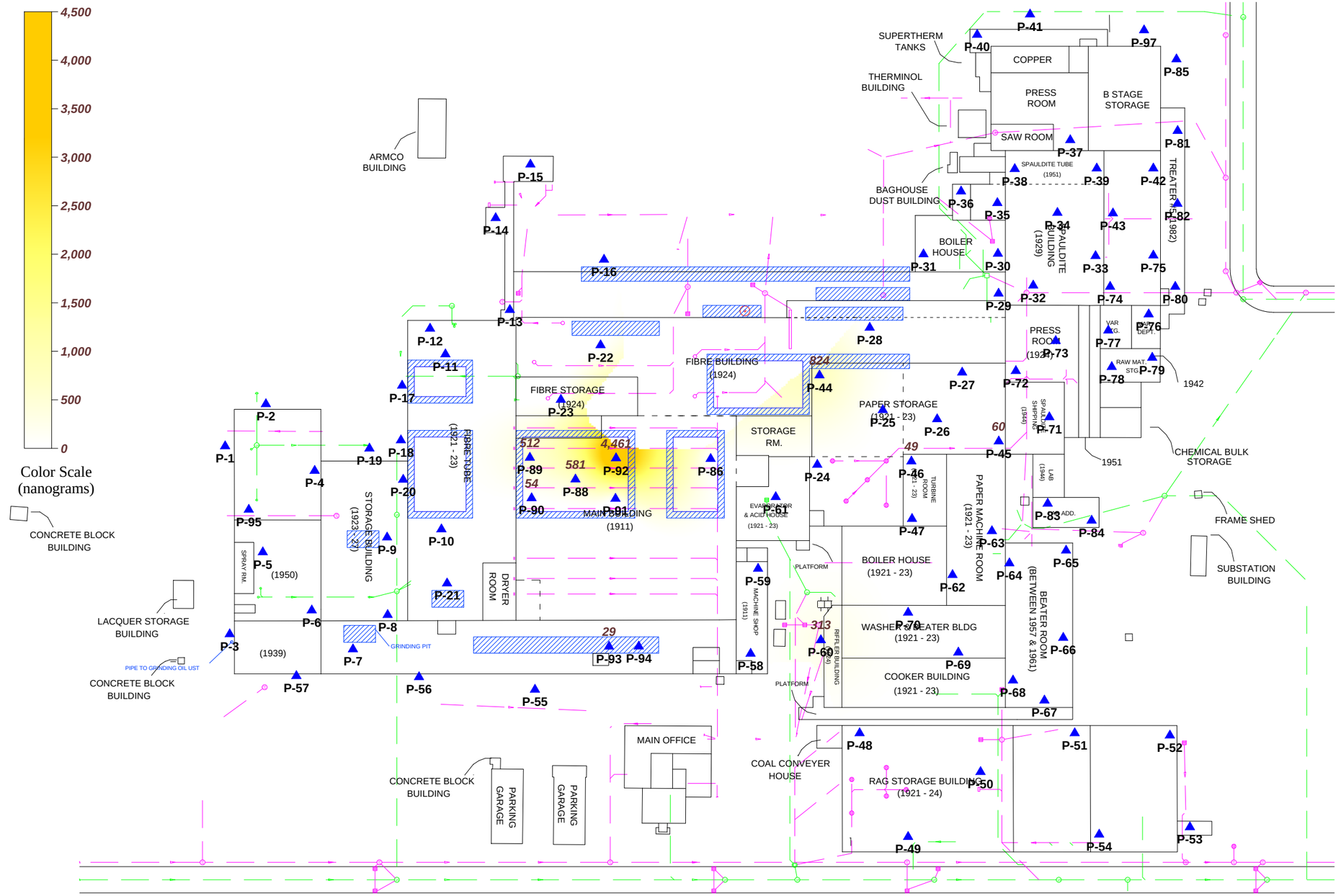
Table 1

Beacon Environmental Services, Inc.
323 Williams Street, Ste. D
Bel Air, MD 21014

Analysis by EPA Method 8260B (Modified)

Client Sample ID:	P-92	P-93	P-94	P-95	P-97
Project Number:	1984	1984	1984	1984	1984
Lab File ID:	07062912	07062913	07062914	07062915	07062916
Received Date:	6/28/2007	6/28/2007	6/28/2007	6/28/2007	6/28/2007
Analysis Date:	6/29/2007	6/29/2007	6/29/2007	6/29/2007	6/29/2007
Analysis Time:	21:07	21:37	22:07	22:37	23:08
Units:	ng	ng	ng	ng	ng
COMPOUNDS					
p & m-Xylene	**107**	<25	**12,507**	**277**	**121**
Bromoform	<25	<25	<25	<25	<25
Nonane	**403**	<25	**10,493**	**506**	**1,020**
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25
o-Xylene	**68**	<25	**11,213**	**150**	**82**
1,2,3-Trichloropropane	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	**178**	<25	<25
Phenol	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25
Decane	**398**	<25	**7,946**	**307**	**1,379**
1,2,4-Trimethylbenzene	**39**	<25	<25	<25	**26**
1,3-Dichlorobenzene	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25
o-Cresol (2-Methylphenol)	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25
m&p-Cresols	<25	<25	<25	<25	<25
Undecane	**380**	<25	**2,469**	**29**	**761**
Dodecane	**129**	<25	**197**	**30**	**208**
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25
Hexachlorobutadiene	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25
Tridecane	**97**	<25	<25	<25	**150**
2-Methylnaphthalene	<25	<25	<25	<25	<25
Tetradecane	**64**	<25	<25	<25	<25
Biphenyl	<25	<25	<25	<25	<25
Alkanes (C_4 - C_8)	**7,413**	<2,500	**75,363**	**8,667**	**3,366**
Alkanes (C_9 - C_{14})	<2,500	<2,500	**21,116**	<2,500	**3,524**

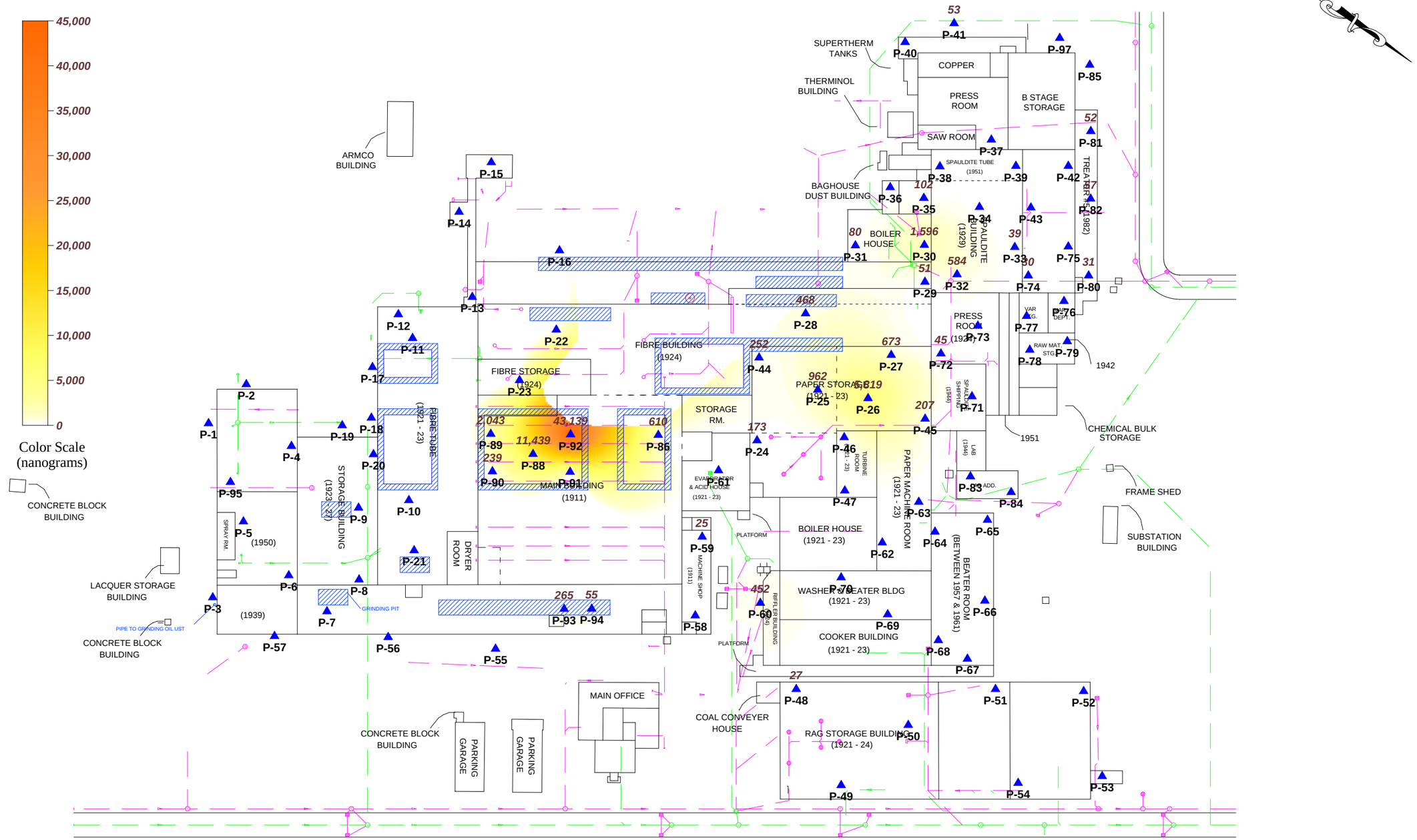
Results in nanograms (ng). J = Estimated value below reported quantitation level. B = Detected in method blank.



BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD, 800-878-5510
Beacon Project No. 1984, June 2007

Figure 2
Passive Soil-Gas Survey
Dichlorofluoromethane

Spaulding Fiber
Buffalo, NY



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Beacon Project No. 1984, June 2007

Figure 3
Passive Soil-Gas Survey
Trichlorofluoromethane

Spaulding Fiber
Buffalo, NY

80,000
75,000
70,000
65,000
60,000
55,000
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0

Color Scale
(nanograms)

CONCRETE BLOCK BUILDING

ARMCO BUILDING

SUPERTHERM TANKS

THERMINOL BUILDING

COPPER

PRESS ROOM

B STAGE STORAGE

SAW ROOM

SPAULDITE TUBE (1951)

BAGHOUSE DUST BUILDING

BOILER HOUSE (1921 - 23)

SPAULDITE BUILDING (1929)

TREATER (1982)

FIBRE BUILDING (1924)

FIBRE STORAGE (1924)

PAPER STORAGE (1921 - 23)

PRESS ROOM (1921)

VAR MFG.

RAW MAT STG

SPAULDITE SHIPPING (1934)

1942

1951

CHEMICAL BULK STORAGE

FRAME SHED

SUBSTATION BUILDING

STORAGE BUILDING (1923 - 27)

FIBRE TUBE (1921 - 23)

MAIN BUILDING (1911)

EVAPORATOR & ACID HOUSE (1921 - 23)

TURBINE ROOM (1921 - 23)

PAPER MACHINE ROOM (1921 - 23)

LAB (1944)

ADD.

SPRAY RM. (1950)

DRYER ROOM

MACHINE SHOP (1911)

PLATFORM

BEATER ROOM (BETWEEN 1957 & 1961)

LACQUER STORAGE BUILDING

PIPE TO GRINDING OIL UST

GRINDING PIT

(1939)

CONCRETE BLOCK BUILDING

WASHER & BEATER BLDG (1921 - 23)

COOKER BUILDING (1921 - 23)

RIFFLER BUILDING (1929)

MAIN OFFICE

CONCRETE BLOCK BUILDING

PARKING GARAGE

PARKING GARAGE

COAL CONVEYER HOUSE

RAG STORAGE BUILDING (1921 - 24)

P-1 P-2 P-3 P-4 P-5 P-6 P-7 P-8 P-9 P-10 P-11 P-12 P-13 P-14 P-15 P-16 P-17 P-18 P-19 P-20 P-21 P-22 P-23 P-24 P-25 P-26 P-27 P-28 P-29 P-30 P-31 P-32 P-33 P-34 P-35 P-36 P-37 P-38 P-39 P-40 P-41 P-42 P-43 P-44 P-45 P-46 P-47 P-48 P-49 P-50 P-51 P-52 P-53 P-54 P-55 P-56 P-57 P-58 P-59 P-60 P-61 P-62 P-63 P-64 P-65 P-66 P-67 P-68 P-69 P-70 P-71 P-72 P-73 P-74 P-75 P-76 P-77 P-78 P-79 P-80 P-81 P-82 P-83 P-84 P-85 P-86 P-88 P-89 P-90 P-91 P-92 P-93 P-94 P-95 P-97

121 15,379 34 65 102 25 12,360 29 76,670 2,724 807 106 91 85 63 183 120 40 45 195 135 126 2,886 1,448 151 429 73 64 102 31 449 333 39 71 49 110 57 140

Scale in Feet

0 125 250

1,000 1,1,1-TRICHLOROETHANE (nanograms)

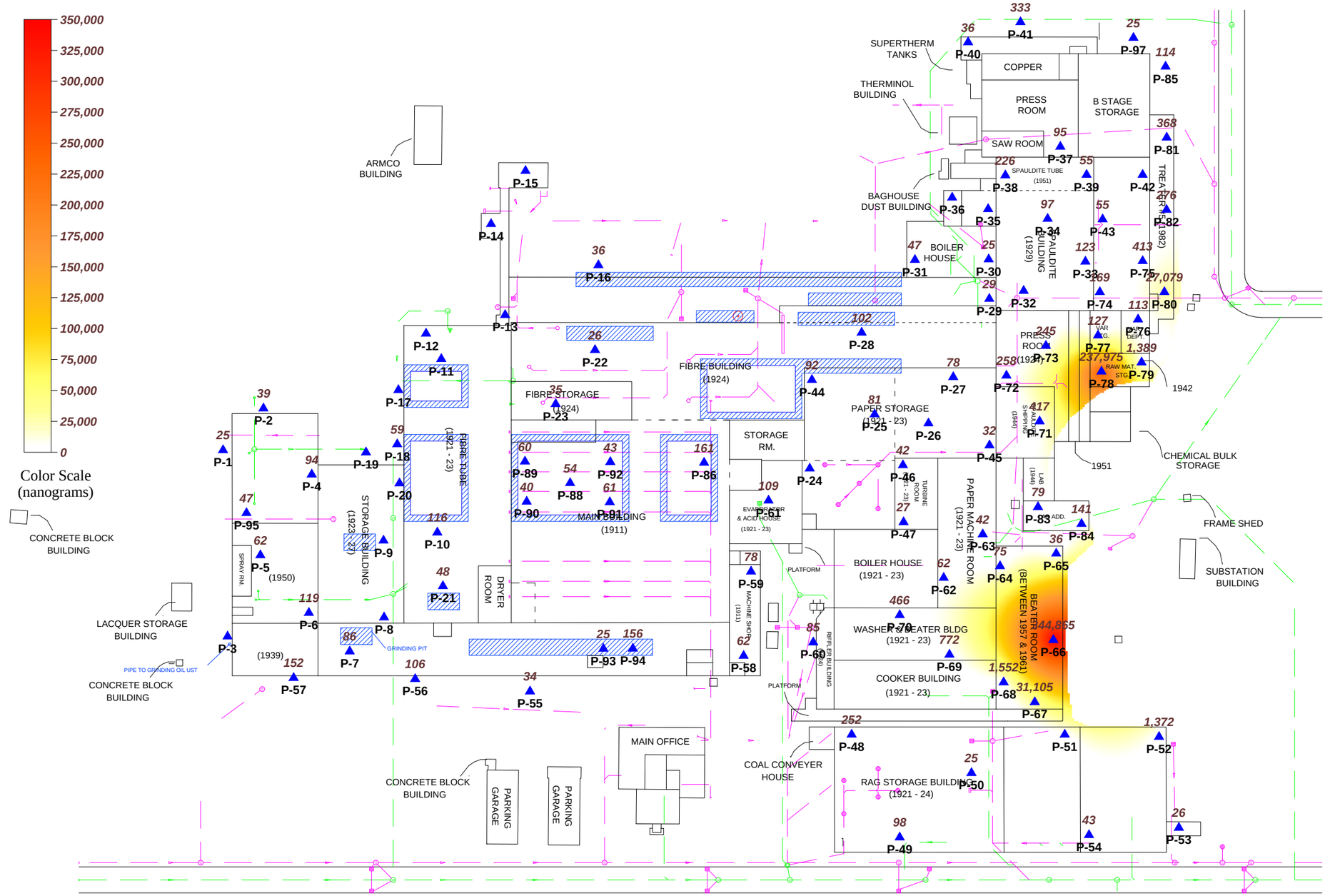
P-7 PASSIVE SOIL-GAS SAMPLE LOCATION

PIT AREA / TEST PITS

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD, 800-878-5510
Beacon Project No. 1984, June 2007

Figure 4
Passive Soil-Gas Survey
1,1,1-Trichloroethane

Spaulding Fiber
Buffalo, NY



BEACON ENVIRONMENTAL SERVICES, INC.
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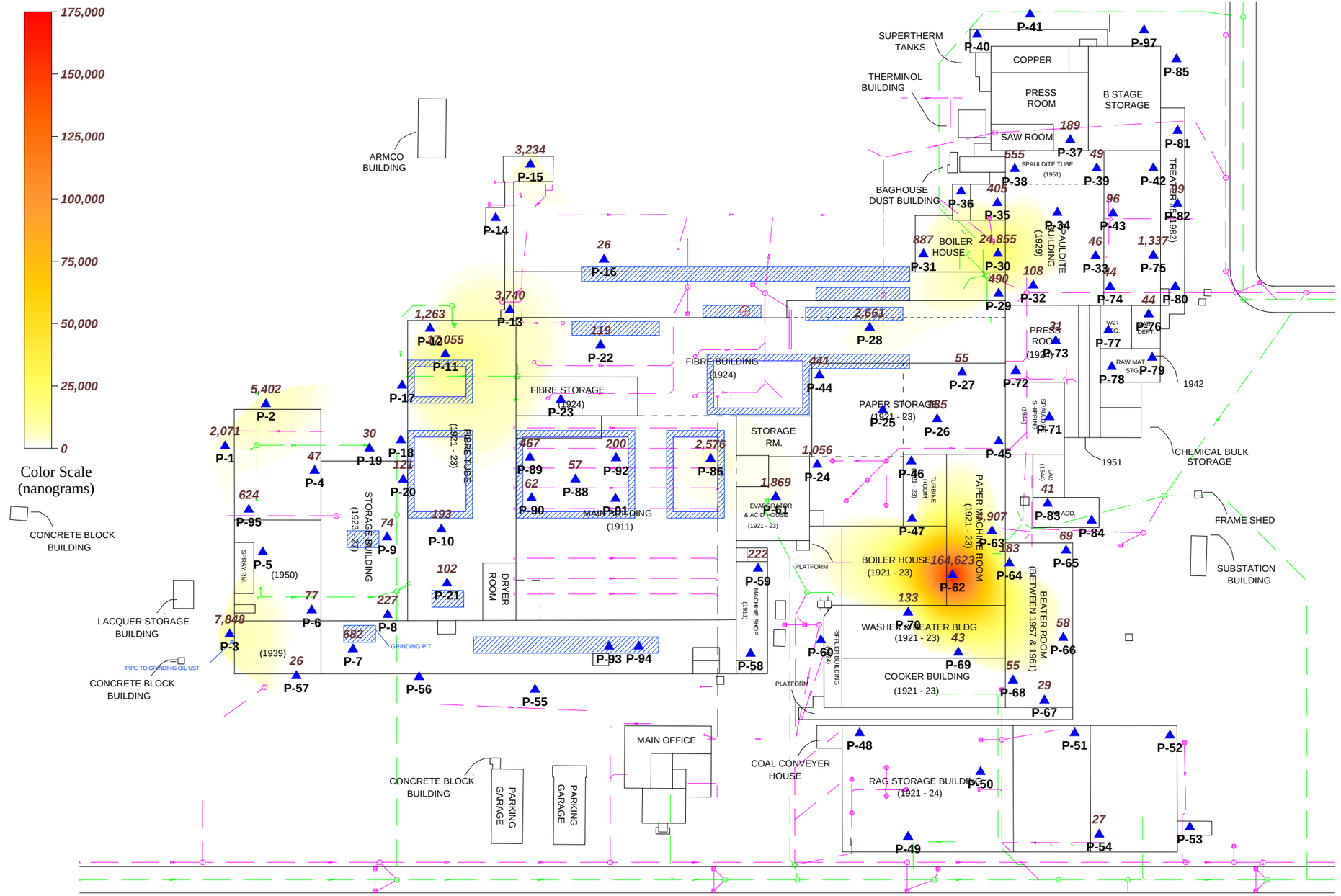
Beacon Project No. 1984, June 2007

Figure 5
Passive Soil-Gas Survey
Benzene

Spaulding Fiber
Buffalo, NY



Scale in Feet

0 125 250

1,000 TETRACHLOROETHENE AND BREAKDOWNS (nanograms)

P-7 PASSIVE SOIL-GAS SAMPLE LOCATION

PIT AREA / TEST PITS

Figure 6
Passive Soil-Gas Survey
Tetrachloroethene and Breakdowns

Spaulding Fiber
Buffalo, NY

BEACON ENVIRONMENTAL SERVICES, INC.
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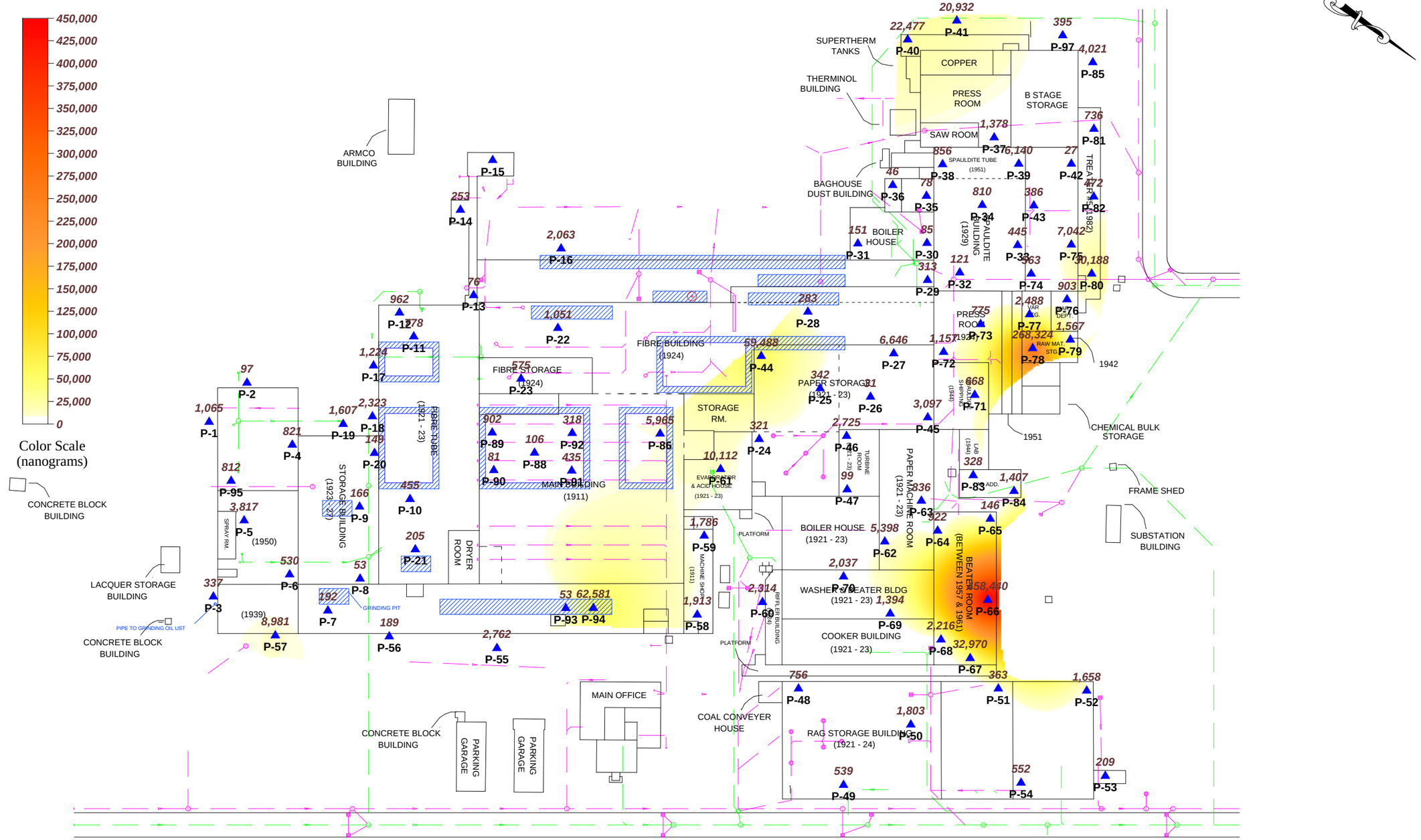
Beacon Project No. 1984, June 2007



BEACON ENVIRONMENTAL SERVICES, INC.

323 Williams Street, Suite D, Bel Air, MD, 800-878-5510

Beacon Project No. 1984, June 2007

Scale in Feet

0 125 250

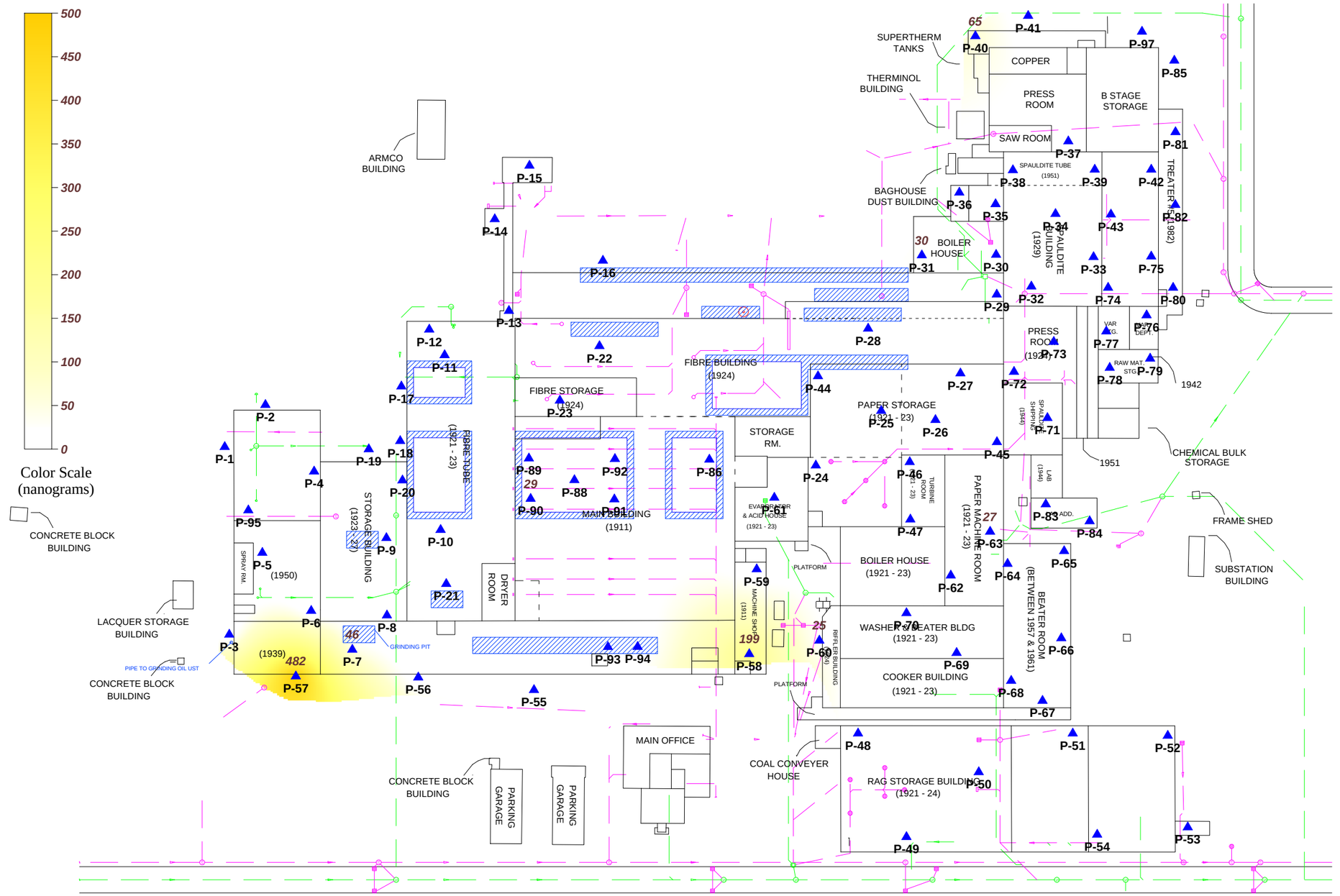
1,000 TOTAL BTEX (nanograms)

P-7 PASSIVE SOIL-GAS SAMPLE LOCATION

PIT AREA / TEST PITS

Figure 7
Passive Soil-Gas Survey
Total BTEX

Spaulding Fiber
Buffalo, NY



BEACON ENVIRONMENTAL SERVICES, INC.
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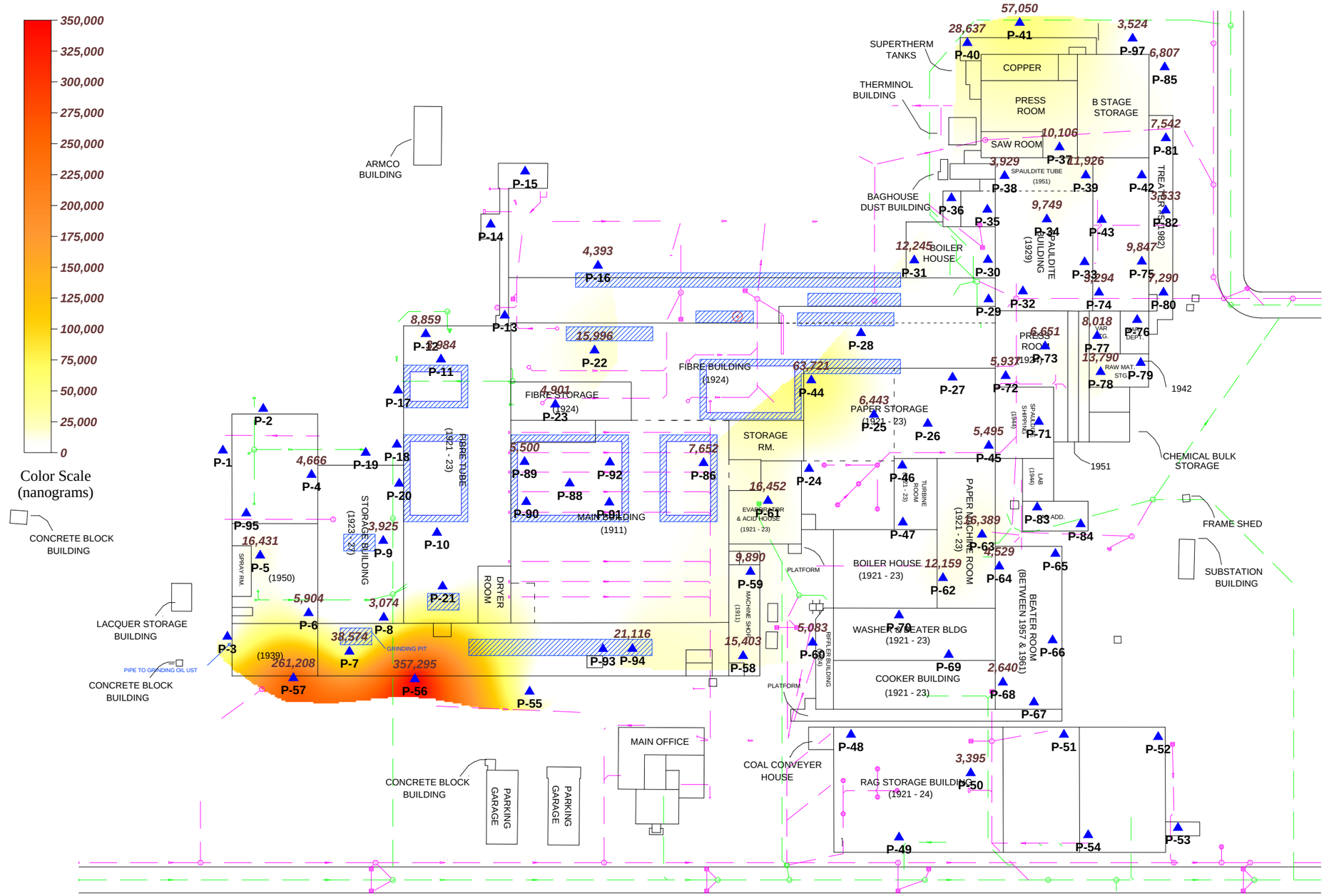
Beacon Project No. 1984, June 2007

Figure 8
Passive Soil-Gas Survey
Biphenyl

Spaulding Fiber
Buffalo, NY



BEACON ENVIRONMENTAL SERVICES, INC.
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Beacon Project No. 1984, June 2007

Figure 9
Passive Soil-Gas Survey
Alkanes, C9 - C14

Spaulding Fiber
Buffalo, NY

Attachments

Attachment 1

FIELD PROCEDURES FOR PASSIVE SOIL-GAS SURVEYS

The following field procedures are routinely used during a BEACON Passive Soil-Gas Survey. Modifications can be and are incorporated from time to time in response to individual project requirements. In all instances, BEACON adheres to EPA-approved Quality Assurance and Quality Control practices.

A. Field personnel carry a BeSure Sample Collection Kit™ and support equipment to the site and deploy the passive samplers in a prearranged survey pattern. A passive sampler consists of a glass vial containing hydrophobic adsorbent cartridges with a length of wire attached to the vial for retrieval. Although samplers require only one person for emplacement and retrieval, the specific number of field personnel required depends upon the scope and schedule of the project. Each Sampler emplacement generally takes less than two minutes.

B. At each survey point a field technician clears vegetation as needed and, using a slide hammer with a ½″ diameter probe or a hammer drill with a ½″ diameter bit, creates a hole three-feet deep. The technician then uses a hammer and a ¾″ diameter pointed metal stake to widen the top four inches of the hole. [Note: For locations covered with asphalt, concrete, or gravel surfacing, the field technician first drills a 1″- to 1½″-diameter hole through the surfacing to the soils beneath and the hole is sleeved with a 1″-diameter . metal sleeve.]

C. The technician then removes the solid plastic cap from a sampler and replaces it with a Sampling Cap (a plastic cap with a hole covered by screen meshing). The technician inserts the sampler, with the Sampling Cap end facing down, into the hole (**see attached figure**). The sampler is then covered with either local soils for uncapped locations or, for capped locations, aluminum foil and a concrete patch. The sampler's location, time and date of emplacement, and other relevant information are recorded on the Field Deployment Form.

D. One or more trip blanks are included as part of the quality-control procedures.

E. Once all the samplers have been deployed, field personnel schedule sampler recovery and depart, taking all other equipment and materials with them.

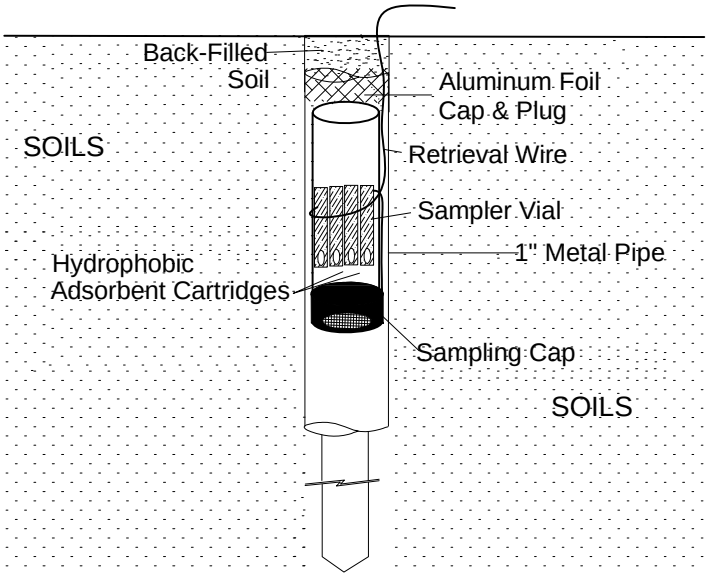
F. Field personnel retrieve the samplers at the end of the exposure period. At each location, a field technician withdraws the sampler from its hole, removes the retrieval wire, and wipes the outside of the vial clean using gauze cloth; following removal of the Sampling Cap, the threads of the vial are also cleaned. A solid plastic cap is screwed onto the vial and the sample location number is written on the label. The technician then records sample-point location, date, time, etc. on the Field Deployment Form.

G. Sampling holes are refilled with soil, sand, or other suitable material. If samplers have been installed through asphalt or concrete, the hole is filled to grade with a plug of cold patch or cement.

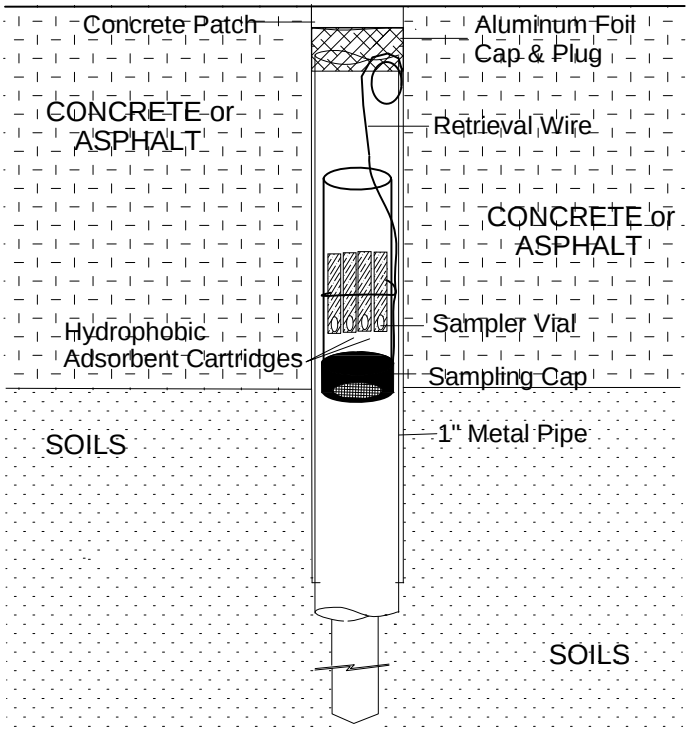
H. Following retrieval, field personnel ship or transport the passive samplers to BEACON’s laboratory.

BEACON'S PASSIVE SOIL-GAS SAMPLER

DEPLOYMENT THROUGH SOILS



DEPLOYMENT THROUGH AN ASPHALT/CONCRETE CAP



Attachment 2

Field Deployment Report

PASSIVE SOIL-GAS SURVEY
FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Collected By:	Jason Colvin

FIELD SAMPLE ID	Date Emplaced / Time Emplaced	Date Retrieved / Time Retrieved	FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, sampling hole depth, cartridge/vial condition)
P-1	6/18/07 0755	6/25/07 0836	SOIL HOLE TO 31" 32.1 ppm PID
P-2	0825	0843	THROUGH SOIL TO 26" 8.3 ppm PID
P-3	0845	0852	THROUGH SOIL TO 31" 116.3 PPM PID
P-4	0924	0856	THROUGH 4" CONC, SOIL TO 31" 63.4 PPM PID
P-5	0938	0903	THROUGH 4" CONC. SOIL TO 31" 179 ppm PID
P-6	0948	0908	6" CONCRETE SOIL TO 31" 59.3 PPM
P-7	1005	0912	6" CONCRETE SOIL TO 31" 1.2 PPM
P-8	1013	0917	~~1.2 PPM~~ SLEEVE IS 2' INTO SOIL THROUGH VOID SPACE BELOW CONCRETE BEER
P-9	1028	0921	4" CONCRETE SOIL TO 31" 0.7 PPM
P-10	1040	0946	4" CONCRETE SOIL TO 31" 1.2 PPM
P-11	1055	1003	4" CONCRETE SOIL TO 31" 2.7 PPM
P-12	1105	1007	4" CONCRETE SOIL TO 31" 67.1 PPM
P-13	1114	1028	6" CONCRETE SOIL TO 31" 2.7 PPM
P-14	1126	1034	8" CONCRETE SOIL TO 31" - VERY WET 60.1 PPM MUDDY UPON RETRIEVAL
P-15	1134	1043	6" CONCRETE GRAVEL TO 31" DRY 2.9 PPM

PASSIVE SOIL-GAS SURVEY
FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Del Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Collected By:	Jason Colvin

FIELD SAMPLE ID	Date Emplaced / Time Emplaced	Date Retrieved / Time Retrieved	FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, sampling hole depth, cartridge/vial condition)
P-16	6/18/07 1242	6/25/07 1039	31" SOIL 7.6 ppm
P-17	1251	0941	31" SOIL 17.1 ppm
P-18	1257	0936	31" SOIL 6.3 ppm
P-19	1306	0930	31" SOIL 0.6 ppm
P-20	1312	0926	6" CONCRETE SOIL TO 31" 0 ppm
P-21	1334	0953	6" CONCRETE SOIL TO 31" 3.1 ppm
P-22	1358	1012	6" CONCRETE SOIL TO 31" 35.1 ppm
P-23	1404	0959	6" CONCRETE SOIL TO 31" 12.8 ppm
P-24	1418	1053	31" SOIL 57 ppm
P-25	1434	1059	6" CONCRETE BLACK FILL TO 31" 58 ppm
P-26	1443	1103	6" CONCRETE BLACK FILL TO 31" 46 ppm
P-27	1451	1108	6" CONCRETE CLAY TO 31" 53 ppm VIAL MOIST UPON RETRIEVAL
P-28	1505	1114	8" CONCRETE GRAVEL TO 20", BLACK FILL TO 31" 12.8 ppm
P-29	1516	1120	6" CONCRETE GRAVEL TO 31" 4.8 ppm SAMPLER MOIST AT RETRIEVAL ~~F.B ppm~~
P-30	1520	1126	6" CONCRETE GRAVEL TO BLACK FILL 43 ppm

PASSIVE SOIL-GAS SURVEY
FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Collected By:	Jason Colarusso

FIELD SAMPLE ID	Date Emplaced / Time Emplaced	Date Retrieved / Time Retrieved	FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, sampling hole depth, cartridge/vial condition)
P-31	6/18/07 1530	6/25/07 1131	6" CONCRETE BLACK FILL TO 31" 48 ppm
P-32	1535	1138	6" CONCRETE CLAY TO 31" 46 ppm SAMPLER MOIST @ RETRIEVAL
P-33	1543	1143	8" CONCRETE CLAY TO 31" 0 ppm
P-34	1552	1148	6" CONCRETE CLAY TO 31" 85 ppm
P-36	1611	1155	6" CONCRETE GRAVEL TO REF @ 29" 21 ppm PROBE SET SHALLOW ~3' DUE TO HOLE COLLAPSE
~~P-36~~ P-35	1615	1159	6" CONCRETE SOIL TO 31" 8 ppm
P-38	1623	1207	6" CONCRETE BLACK FIL 8 ppm
P-37	1629	1211	6" CONCRETE BROWN SAND/FINE GRAVEL 16 ppm
P-39	1634	FALSE EMPLACEMENT	6" CONCRETE BLACK SANDY FILL TO 31" 6.2 ppm RECOVERED & FOUND WHITE CAP STILL ON
P-40	1646	1217	6" CONCRETE GRAVEL TO ~12" CLAY? TO 31" 270 ppm
~~P-41~~ P-41R	NO PROBE EMPLACED		6" CONCRETE REFUSAL AT 10' NO PROBE INSERTED
P-42	1703	1236	6" CONCRETE GRAVEL TO 12" & CLAY TO 31" 720 ppm
P-43	1715	1230	6" CONCRETE GRAVEL TO 12" BROWN SAND/CLAYEY FILL TO 31" 330 ppm

PASSIVE SOIL-GAS SURVEY
FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Collected By:	JASON COLVIN

FIELD SAMPLE ID	Date Emplaced / Time Emplaced	Date Retrieved / Time Retrieved	FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, sampling hole depth, cartridge/vial condition)
	6/19/07	6/26/07	
P-44	0750	0841	BROWN CLAY TO 31" 126ppm
P-45	0801	0848	BROWN SANDY CLAY TO 31" 21ppm
P-46	0808	0853	BROWN CLAY TO 31" 10.6ppm SAMPLER MOIST @ RETRIEVAL
P-47	0816	0859	8" CONCRETE BROWN SANDY CLAY TO 31" VERY WET 11ppm
P-48	0840	0935	10" CONCRETE BROWN CLAY TO 31" DRY 46ppm SAMPLER MOIST @ RETRIEVAL
P-49	0845	0940	3" CONCRETE BROWN CLAY TO 31" 56ppm SAMPLER MOIST @ RETRIEVAL
P-50	0855	0945	8" CONCRETE BROWN CLAY TO 31" 48ppm SAMPLER MOIST @ RETRIEVAL
P-51	0904	0950	8" CONCRETE BROWN CLAY TO 31" 102ppm SAMPLER MOIST @ RETRIEVAL
P-52	0914	0955	8" CONCRETE BR CLAY TO 31" 42ppm SAMPLER MOIST @ RETRIEVAL
P-53	0932	1000	12" CONCRETE BR CLAY TO 31" 0ppm
P-54	0920	1005	8" CONCRETE BR CLAY TO 31" 41ppm SAMPLER MOIST @ RETRIEVAL
P-55	0955	0815	4" ASPHALT 12" BLACK SANDY FILL BR CLAY TO 31" 35ppm
P-56	1002	0825	SANDY BLACK FILL TO 31" 43ppm
P-57	1010	0830	SANDY BLACK FILL TO 31" 230ppm
P-58	1033	0919	14" CONCRETE SANDY BLACK FILL TO 24" BR CLAY TO 31" 124ppm

PASSIVE SOIL-GAS SURVEY
FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Collected By:	JASON COLVIN

FIELD SAMPLE ID	Date Emplaced / Time Emplaced	Date Retrieved / Time Retrieved	FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, sampling hole depth, cartridge/vial condition)
	6/19	6/26/07	
P-59	1041	0924	CONCRETE TO 14" GRAVEL TO 24" BROWN CLAY TO 31" 66ppm
P-61	~~1057~~ 1109	0929	6" CONCRETE BROWN CLAY 320ppm
P-60	1057	0908	10" SAND/CLAYEY SOIL ~3" MASONRY CHUNKS SOIL TO 31" 31ppm
P-62	1145	1019	6" CONCRETE ~4" GRAVEL BROWN CLAY TO 31" 270ppm
P-63	1150	1023	6" CONCRETE ~6" GRAVEL BROWN CLAY TO 31" 9ppm
P-64	1155	1026	6" CONCRETE ~6" GRAVEL BROWN CLAY TO 31" 2,8ppm
P-65	1224	1030	4" CONCRETE ~4" PEA GRAVEL BROWN CLAY TO 31" 7ppm VERY WET
P-66	1230	1034	4" CONCRETE 8" GRAVEL BROWN CLAY TO 31" 58ppm
P-67	1236	1039	4" CONCRETE 8" GRAVEL BR CLAY TO 31" 191ppm
P-68	1243	1042	4" CONCRETE 8" GRAVEL BR CLAY TO 31" 41ppm
P-69	1324	1045	4" CONCRETE BROWN CLAY TO 31" 20ppm
P-70	1329	1048	4" CONCRETE BROWN CLAY TO 31" 25ppm
P-71	1356	1140	6" CONCRETE BEACH FILL TO 31" 39ppm
P-72	1403	1148	5" CONCRETE 8" GRAVEL CLAY TO 31" 31ppm
P-73	1400	1152	5" CONCRETE GRAVEL TO 31" 26ppm

PASSIVE SOIL-GAS SURVEY
FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Collected By:	JASON COLVIN

FIELD SAMPLE ID	Date Emplaced 6/19/07 Time Emplaced	Date Retrieved 6/26/07 Time Retrieved	FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, sampling hole depth, cartridge/vial condition)
P-74	1421	1156	6" CONCRETE GRAVE TO 12" BROWN CLAYEY SAND 52ppm
P-75	1413	1159	6" CONCRETE SOME CLAY BLACK SANDY FILL TO 31" 51ppm
P-76	1433	1205	4" CONCRETE BLACK SANDY FILL TO 31" 21ppm
P-79	1437	1214	4" CONCRETE, VOID SPACE, BLACK SANDY FILL TO 31" 19ppm
P-77	1448	1208	4" CONCRETE, VOID, 4" SANDY BLACK FILL, BR CLAY TO 31" 22ppm
P-78	1454	1211	4" CONCRETE, VOID, 4" SANDY BLACK FILL, BR CLAY TO 31" 15ppm
P-80	1508	1219	4" CONCRETE, 8" GRAVEL, BR CLAY TO 31" 124ppm
P-81	1520	1222	5" CONCRETE, GRAVEL TO 28" 14ppm
P-82	1542	1226	5" CONCRETE GRAVEL TO 26' 16ppm
P-83	1558	1130	5" CONCRETE, 8" GRAVEL, BR CLAY TO 31" 19ppm
P-84	1603	1135	4" CONCRETE, 8" GRAVEL, BR CLAY TO 31" 16ppm
P-85	1622	1235	12" BR SANDY SOIL, BROWN CLAY TO 31" 140ppm
P-41	1628	1242	6" CONCRETE, 6" GRAVEL, BR CLAY TO 31" 58ppm

PASSIVE SOIL-GAS SURVEY
FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY

BEACON ENVIRONMENTAL SERVICES, INC.
523 Williams Street, Suite D, Bel Air, MD 21014 (and) [illegible]

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Collected By:	JASON COLVIN

FIELD SAMPLE ID	Date Emplaced / Time Emplaced	Date Retrieved / Time Retrieved	FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, sampling hole depth, cartridge/vial condition)
	6/20/07	6/21/07	
P-86	10:40	1110	Concrete lined Pit ~6" concrete to clay 78ppm
P-87	NONE EMPLACED		8" CONCRETE, VOID TO 31" 0.6ppm No PROBE PLACED Zinc Cl Room
P-88	1119	1132	Concrete Pits ~4" BLK CLAY TO 31" 58ppm
P-89	1125	1135	4" CONCRETE, BR CLAY TO 31" 34ppm
P-90	1132	1138	" Dark Br Clay to 31" 39 ppm
P92	1144	1145	" 42 ppm
P-91	1158	1141	" DK Gray Clay Wet at 5" 15 ppm (set @ 3")
P93	1208	1116	8' Pit Soil bottom DK Gray clay to 31" 3.1 ppm V MDISTG
P94	1217	1120	" " " " 530 ppm
P95	1235	1127	6" CONCRETE, BLACK SANDY FILL TO 31" 62 ppm
P-96	NONE EMPLACED ~~1105~~		6' Pit Dark Gray 4" Concrete NO PROBE PLACED
P-97	1:35	1150	outside sand silt clay gravel fill to 31" 22 ppm

PASSIVE SOIL-GAS SURVEY
FIELD DEPLOYMENT REPORT

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Del Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Collected By:	JASON COLVIN

FIELD SAMPLE ID	Date Emplaced / Time Emplaced	Date Retrieved / Time Retrieved	FIELD NOTES (e.g., asphalt/concrete covering, description of sample location, sampling hole depth, cartridge/vial condition)
P-39	6/25/07 1222	6/27/07 1306	6" CONCRETE BLACK SANDY FILL TO 31" 6.2ppm

Attachment 3

LABORATORY PROCEDURES FOR PASSIVE SOIL-GAS SAMPLES

Following are laboratory procedures used with BEACON Passive Soil-Gas Surveys, a screening technology for expedited site investigation. After exposure, adsorbent cartridges from the passive samplers are analyzed using U.S. EPA Method 8260B as described in the Solid Waste Manual (SW-846), a capillary gas chromatographic/mass spectrometric method, modified to accommodate high temperature thermal desorption of the adsorbent cartridges. This procedure is summarized as follows:

A. The adsorbent cartridges are loaded with internal standards and surrogates prior to loading the autosampler with the cartridges. The loaded cartridges are purged in a helium flow. Then the cartridges are thermally desorbed in a helium flow onto a focusing trap. Any analytes in the helium stream are adsorbed onto a focusing trap.

B. Following trap focusing, the trap is thermally desorbed onto a DB-VRX 60m, 0.25 mm ID, 1.40 micron filament thickness capillary column.

C. The GC/MS is scanned between 35 and 270 Atomic Mass Units (AMU) at 3.12 scans per second.

D. BFB tuning criteria and the initial five-point calibration procedures are those stated in method SW846-8260B. System performance and calibration check criteria are met prior to analysis of samples. A laboratory method blank is analyzed after the daily standard to determine that the system is contaminant-free.

E. The instrumentation used for these analyses includes:

- Agilent 6890-5973 Gas Chromatograph/Mass Spectrometer;
- Markes Unity thermal desorber;
- Markes UltrA autosampler; and
- Markes Mass Flow Controller Module.

Attachment 4

Chain-of-Custody Form

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY
Analytical Method:	EPA Method 8260B
Target Compounds:	Beacon Project Number 1984 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Submitted By:	JASON COLVIN
Contact Phone No.:	(716) 882-5476 EXT. 241

Field Sample ID	Lab Sample ID (for lab use only)		Comments (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Initial
P-1	1984	P-1		6/25/07	1400	
P-2	1984	P-2				
P-3	1984	P-3				
P-4	1984	P-4				
P-5	1984	P-5				
P-6	1984	P-6				
P-7	1984	P-7				
P-8	1984	P-8				
P-9	1984	P-9				
P-10	1984	P-10				
P-11	1984	P-11				
P-12	1984	P-12				
P-13	1984	P-13				
P-14	1984	P-14				
P-15	1984	P-15				
P-16	1984	P-16				
P-17	1984	P-17				
P-18	1984	P-18				
P-19	1984	P-19				
P-20	1984	P-20				

Shipment of Field Kit to Site — Custody Seal # 0358047 **Intact? Y N**

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Ryan Scheid	6-13-2007 / 1700 Hours	FedEx	Jason Colvin	6/15/07 1600 hrs

Shipment of Field Kit to Laboratory — Custody Seal # **Intact? Y N**

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Jason Colvin	6/25/07 1400 hrs	FEDEX	Ryan Scheid	06-26-2007 / 1230

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY
Analytical Method:	EPA Method 8260B
Target Compounds:	Beacon Project Number 1984 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Submitted By:	JASON COLVIN
Contact Phone No.:	(716) 882-5476

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Initial
P-21	1984 P-21		6/25/07	1400	JL
P-22	1984 P-22				JL
P-23	1984 P-23				JL
P-24	1984 P-24				JL
P-25	1984 P-25				JL
P-26	1984 P-26				JL
P-27	1984 P-27				JL
P-28	1984 P-28				JL
P-29	1984 P-29				JL
P-30	1984 P-30				JL
P-31	1984 P-31				JL
P-32	1984 P-32				JL
P-33	1984 P-33				JL
P-34	1984 P-34				JL
P-35	1984 P-35				JL
P-36	1984 P-36				JL
P-37	1984 P-37				JL
P-38	1984 P-38				JL
P-40	1984 P-40				JL
P-42	1984 P-42		↓	↓	JL

Shipment of Field Kit to Site — Custody Seal # 0358047 **Intact? Y N**

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Ryan Scheid	6-13-2007 / 1700 Hours	FedEx	Jason Colvin	6/15/07 1600hrs

Shipment of Field Kit to Laboratory — Custody Seal # **Intact? Y N**

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Jason Colvin	6/25/07 1400 hrs	FedEx	Ryan Scheid	06-26-2007 / 12:30

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY
Analytical Method:	EPA Method 8260B
Target Compounds:	Beacon Project Number 1984 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Del Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Submitted By:	JASON COLVIN
Contact Phone No.:	(716) 882-5476

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy)			
		Condition of sample or vial	Date	Time	Initial
P-43	1984 P-43		6/25/07	1400	JC
Trip-1	1984 Trip1	SAMPLE RECEIVED BUT NOT LISTED, ADDED AT BEACON	6/26/07	1300	RMS

Shipment of Field Kit to Site — Custody Seal # 0358047 **Intact?** (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Ryan Scherl	6-13-2007 / 1700 Hours	FedEx	Jason Colvin	1100 hrs 6/15/07

Shipment of Field Kit to Laboratory — Custody Seal # **Intact?** Y N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Jason Colvin	6/25/07 1400 hrs	FEDEX	Ryan Scherl	06-26-2007 / 1230

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY
Analytical Method:	EPA Method 8260B
Target Compounds:	Beacon Project Number 1984 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Submitted By:	JASON COLVIN
Contact Phone No.:	716 882-5476 EXT. 24

Field Sample ID	Lab Sample ID (for lab use only)		Comments (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Initial
P-44	1984	P-44		6/27/07	1430	JC
P-45	1984	P-45				JC
P-46	1984	P-46				JC
P-47	1984	P-47				JC
P-48	1984	P-48				JC
P-49	1984	P-49				JC
P-50	1984	P-50				JC
P-51	1984	P-51				JC
P-52	1984	P-52				JC
P-53	1984	P-53				JC
P-54	1984	P-54				JC
P-55	1984	P-55				JC
P-56	1984	P-56				JC
P-57	1984	P-57				JC
P-58	1984	P-58				JC
P-59	1984	P-59				JC
P-60	1984	P-60				JC
P-61	1984	P-61				JC
P-62	1984	P-62				JC
P-63	1984	P-63				JC

Shipment of Field Kit to Site — Custody Seal # 0358047 **Intact?** (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Ryan Scheid	6-13-2007 / 1700 Hours	FedEx	Jason Colvin	6/15/07 1600 hrs

Shipment of Field Kit to Laboratory — Custody Seal # 0358049 **Intact?** (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Jason Colvin	6/27/07 1430 hrs	Fed Ex	Ryan Scheid	6-28-07 / 1400

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY
Analytical Method:	EPA Method 8260B
Target Compounds:	Beacon Project Number 1984 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Submitted By:	JASON COLVIN
Contact Phone No.:	716 882-5476 EXT. 241

Field Sample ID	Lab Sample ID (for lab use only)	Comments (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Initial
P-64	1984 P-64		6/27/07	1430	JC
P-65	1984 P-65				JC
P-66	1984 P-66				JC
P-67	1984 P-67				JC
P-68	1984 P-68				JC
P-69	1984 P-69				JC
P-70	1984 P-70				JC
P-71	1984 P-71				JC
P-72	1984 P-72				JC
P-73	1984 P-73				JC
P-74	1984 P-74				JC
P-75	1984 P-75				JC
P-76	1984 P-76				JC
P-77	1984 P-77				JC
P-78	1984 P-78				JC
P-79	1984 P-79				JC
P-80	1984 P-80				JC
P-81	1984 P-81				JC
P-82	1984 P-82				JC
P-83	1984 P-83				JC

Shipment of Field Kit to Site — Custody Seal # 0358047 **Intact?** (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Ryan Scheid	6-13-2007 / 1700 Hours	FedEx	Jason Colvin	6/15/07 1600 hrs

Shipment of Field Kit to Laboratory — Custody Seal # 0358049 **Intact?** (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Jason Colvin	6/27/07 1430 hrs	FedEx	Ryan Scheid	6-28-07 / 1400

CHAIN-OF-CUSTODY
PASSIVE SOIL-GAS SAMPLES

Project Information	
Beacon Project No.:	1984
Site Name:	Spaulding Fiber
Site Location:	Buffalo, NY
Analytical Method:	EPA Method 8260B
Target Compounds:	Beacon Project Number 1984 Target Compound List

BEACON ENVIRONMENTAL SERVICES, INC.
323 Williams Street, Suite D, Bel Air, MD 21014 (800) 878-5510

Client Information	
Company Name:	LiRo Engineers, Inc.
Office Location:	Buffalo, NY
Samples Submitted By:	JASON COLVIN
Contact Phone No.:	716 882-5476 EXT. 241

Field Sample ID	Lab Sample ID (for lab use only)		Comments (only necessary if problem or discrepancy) Condition of sample or vial	Date	Time	Initial
P-84	1984	P-84		6/27/07	1430	JC
P-85	1984	P-85				JC
P-41	1984	P-41				JC
P-86	1984	P-86				JC
P-88	1984	P-88				JC
P-89	1984	P-89				JC
P-90	1984	P-90				JC
P-91	1984	P-91				JC
P-92	1984	P-92				JC
P-93	1984	P-93				JC
P-94	1984	P-94				JC
P-95	1984	P-95				JC
P-97	1984	P-97				JC
P-39	1984	P-39				JC
Trip-2	1984	Trip-2	SAMPLE RECEIVED BUT NOT LISTED, ADDED AT BEACON (RWS)			JC
Trip-3	1984	Trip-3	SAMPLE RECEIVED BUT NOT LISTED, ADDED AT BEACON			JC

Shipment of Field Kit to Site — Custody Seal # 0358047 **Intact?** (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Ryan Scheid	6-13-2007 / 1700 Hours	FedEx	Jason Colvin	6/15/07 1600 hrs

Shipment of Field Kit to Laboratory — Custody Seal # 0358049 **Intact?** (Y) N

Relinquished by:	Date/Time	Courier	Received by:	Date/Time
Jason Colvin	6/27/07 1430 hrs	FedEX	Ryan Scheid	6-28-07 / 1400

ATTACHMENT 7

Geophysical Investigation Report (Golder Associates, Inc.)

Golder Associates Inc.
2221 Niagara Falls Boulevard
Suite 9
Niagara Falls, NY USA 14304
Telephone: (716) 215-0650
Fax: (716) 215-0655

LETTER REPORT ON

SPAULDING FIBRE PLANT EM31 AND EM61 GEOPHYSICAL INVESGITATION TONAWANDA, NEW YORK

Submitted to:

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York 14209

Submitted by:

Golder Associates Inc.
2221 Niagara Falls Boulevard
Suite 9
Niagara Falls, New York 14304

Distribution:

5 Copies - LiRo Engineers, Inc.
1 Copy - Golder Associates Inc.

October 17, 2007

073-89006-1A

Golder Associates Inc.
2221 Niagara Falls Boulevard
Suite 9
Niagara Falls, NY USA 14304
Telephone: (716) 215-0650
Fax: (716) 215-0655

October 17, 2007

Our Ref.: 073-89006-1A

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York 14209

Attention: Mr. Robert Kreuzer

RE: LETTER REPORT ON SPAULDING FIBRE PLANT EM31 AND EM61 GEOPHYSICAL INVESGITATION, TONAWANDA, NEW YORK

Dear Mr. Kreuzer:

This letter report presents the findings of a geophysical investigation carried out at the Spaulding Fibre site in Tonawanda, New York. The objective of the investigation was to delineate areas on the site containing metal debris, underground storage tanks (UST's), possible inorganic groundwater impacts, utility corridors and subsurface features associated with changes in terrain conductivity. A terrain conductivity meter (Geonics® EM31) and a metal detector (Geonics® EM61) were used for this investigation.

The Spaulding Fibre site is located near the intersection of Hackett Drive and Wheeler Street in Tonawanda, New York. The investigation covered 7 areas, denoted Area A, Areas B1 through B5 and Area C (Figure 1).

Accompanying this letter report are figures showing the investigation results and interpreted subsurface anomalies.

METHODOLOGY

EM31 Terrain Conductivity Meter

A GEONICS® EM31-MKII terrain conductivity instrument was used for this investigation. The EM31 is an electromagnetic induction device well suited to mapping terrain conductivity and shallow buried metal objects.

The instrument is one-person operable with transmitter and receiver coils mounted at either end of a 12.1-foot (3.7 metre) long boom.

The electromagnetic induction technique involves passing an alternating current through a transmitter coil, which produces a time-varying magnetic field. This field in turn induces current to flow in any nearby conductor, the ground included. These induced currents produce a secondary time varying magnetic field, which is sensed together with the primary field by the receiver coil. The quadrature and in-phase components of this secondary field are measured relative to the primary field.

Quadrature Response (Apparent Conductivity)

The quadrature component measured by the EM31 system is sensitive to materials that have a low induction number, such as earth materials, or poorly conducting metallic targets. The EM31 quadrature response is calibrated to give a measure of the bulk apparent conductivity of the subsurface for a roughly hemispherical volume of radius 16 to 20 feet (5 to 6 metres), centred at the measurement point. Typically, the quadrature response is referred to as the terrain apparent conductivity response.

The bulk apparent conductivity of the subsurface is primarily a function of interconnected porosity, clay content, moisture content and the dissolved ion concentration in the pore fluid. Temperature, phase state of the pore water, and the amount and composition of any suspended colloids in the pore water also contribute to conductivity, but to a lesser degree. An increase in any of these properties would result in an elevated apparent conductivity.

Background or natural apparent conductivity is estimated as the response from uncontaminated native materials free from the influence of buried or surface metal. Quadrature response is dominated by large positive or negative readings (relative to background) in the near presence of metal conductors, depending on their size, orientation and distribution. Under these conditions, the instrument cannot make a valid measurement of apparent conductivity and the reading can only be considered as an indication of the near presence of highly conductive materials or soils. Instrument output is in millisiemens per metre (mS/m) which are the units of apparent conductivity.

In-Phase Response

The in-phase component measured by the EM31 system is most sensitive to targets that have a high induction number and are good conductors (primarily larger surface and buried metal objects). As such, the in-phase response is sensitive to buried and surface metal, and is relatively insensitive to changes in the apparent conductivity of the subsurface. However, highly conductive earth materials can produce an elevated in-phase response. As with the quadrature, in-phase response can be positive or negative relative to background depending on the size, orientation and distribution of the metal objects causing the anomalies. Instrument output for the in-phase component is in parts per thousand (ppt) as a ratio of the secondary to primary field strength.

EM61 Time Domain Electromagnetic Metal Detector

The EM61 is a time-domain electromagnetic (EM) metal detector that is well suited for finding discrete metal objects such as USTs, drums and scrap metal within the upper 10-feet (3-metres) of the subsurface. Readings are triggered along survey lines by an odometer mounted on the wheels of the cart on which the instrument coils are mounted. Instrument response from the top and bottom coils are recorded by a hand-held data logger. The survey data are then transferred to a computer for display and processing, and a 3rd channel, the differential response (Bottom Coil minus Top Coil) is calculated. Typically, the bottom and differential data are presented for interpretation of the presence of buried metallic objects, such as USTs. The effect of the differential calculation is to reduce the sensitivity of the instrument response due to shallow (<½-metre, or 1.6-feet) and surface metal objects – thus highlighting responses from deeper metal objects. The EM61 can reliably detect a single 45-Gallon drum at depths up to 10-feet (3-metres) in the absence of other surface metal. Larger targets (USTs or groups of drums) can be resolved at greater depth or in the near presence of surface metal with some interpretation.

An advantage with this instrument is that it is insensitive to changes in apparent conductivity of the ground.

Differential Global Positioning System (dGPS)

Position information for the geophysical investigation was obtained with a differentially corrected global positioning system (dGPS). A Trimble PRO XR GPS satellite receiver system was used for this investigation, and differential corrections were supplied by a local Coast Guard beacon. The datum used for the dGPS work was WGS84, Zone 17N.

The dGPS data for the EM31 readings were collected as point data, and it is estimated that the lateral accuracy for UTM eastings and northings is less than +/- 3-feet (1-metre).

FIELD WORK

Field work was carried out between July 9 and 16, 2007 by geophysicists from Golder's Decatur, Alabama, and Mississauga, Ontario offices.

The site was divided into seven separate investigation areas, denoted Area A, Areas B1 through B5, and Area C.

At each investigation area, parallel EM31 transects were run approximately 6-feet (2-metres) apart across each of the 7 investigation areas. EM31 readings were recorded at approximately 1.6-foot

(0.5-metre) intervals, and reading locations were recorded using a backpack-mounted differential GPS receiver.

EM31 results were processed in the field and examined for the presence of anomalous readings. Based on the EM31 results, a small portion of Area A was further examined using the EM61 system. In this area, an EM61 grid was measured onto the ground using a cloth measuring tape and spray paint (Figure 1). EM61 transects were run at 3-foot (1-metre) intervals, and readings were acquired along each transect every ~8-inches (~0.2 metres).

RESULTS

The results of the geophysical investigation are presented on a series of figures as follows:

Area A	Terrain Conductivity Results	Figure 2
	In-Phase Results	Figure 3
	Anomaly Map	Figure 4
	EM61 Results	Figure 5
Areas B1, B2 South, B3	Terrain Conductivity Results	Figure 6
	In-Phase Results	Figure 7
	Anomaly Map	Figure 8
Area B2 East	Terrain Conductivity Results	Figure 9
	In-Phase Results	Figure 10
	Anomaly Map	Figure 11
Area B4	Terrain Conductivity Results	Figure 12
	In-Phase Results	Figure 13
	Anomaly Map	Figure 14
Area B5	Terrain Conductivity Results	Figure 15
	In-Phase Results	Figure 16
	Anomaly Map	Figure 17
Area C	Terrain Conductivity Results	Figure 18
	In-Phase Results	Figure 19
	Anomaly Map	Figure 20

For the purposes of this report, geophysical anomalies have been classified as 1 of 4 types, denoted A through D on the anomaly maps listed above (Figures 4, 8, 11, 14, 17 and 20). The geophysical anomaly classifications are described in Table 1, below.

Table 1: EM31 Geophysical Anomaly Classifications		
Map Label	**Anomaly Type**	**Possible Cause of Anomaly**
A	Linear EM31 Anomaly	Buried linear conductor (i.e. – utility, pipe, wire, etc.)
B	Area of Anomalous EM31 Response (>50 mS/m)	Excavated/reworked soil, changes in fill material, geologic variations, impacted groundwater
C	Area of Anomalous EM31 Response (>100 mS/m)	Observations at the time of the fieldwork indicated these anomalies were due to surface fill consisting of a metalliferous, slag-like fill material.
D	Discrete Anomalies	Surface or buried metal objects

Area A Results

Area A is located on the east side of the Spaulding Fibre property (Figure 1). The terrain consists of areas of flat, grassy ground with patches of asphalt and uncovered, gravel-sized fill material. This fill material is brown to black, oxidized metalliferous slag.

The EM31 conductivity and in-phase results from Area A are shown on Figures 2 and 3. EM31 anomalies are summarized in Table 2, below.

Table 2: Area A EM31 Geophysical Anomalies (See Figure 4)	
Type	**Number of Anomalies**
A	13
B	2
C	4
D	0

Background conductivity values in Area A are in the order of 25 to 40 mS/m. Background inphase response is between -5 and 0 ppt.

Of note is that some of the linear anomalies shown in Figure 4 may be due to the distribution of metalliferous fill (i.e. – Anomaly type C).

The coincident terrain conductivity and inphase anomaly on the eastern side of Area A (Figures 2 and 3) was examined in detail with the EM61 time-domain metal detection system. The color-contoured EM61 bottom coil and differential results are presented on Figure 5. Based on these results, the anomalous EM31 area shown on Figure 4 is interpreted as being caused by the presence of metalliferous fill material such as slag, and not due to any buried metal objects in the upper 10-feet of the subsurface.

Area B1, B2 South, B3 Results

Areas B1, B2 South and B3 are located near the southwest corner of the Spaulding Fibre property (Figure 1). The terrain consists of flat ground mostly overgrown with trees and weeds.

The EM31 conductivity and inphase results are shown on Figures 6 and 7. EM31 anomalies are summarized in Table 3, below.

Table 3: Area B1, B2 South, B3 - EM31 Geophysical Anomalies (See Figure 8)

Type	Number of Anomalies
A	6
B	6
C	1
D	19

Of note are the 2 clusters of discrete anomalies in the central portion of Area B2 South and the western portion of Area B1 (Figure 8). These anomalies are interpreted as buried or surface metal debris. Also of note are the coincident linear inphase and conductivity anomalies that trend roughly northwest along the east side of Area B1. These linear anomalies appear to be about 15-feet (5-metres) apart and may represent a buried pipe alignment or utility corridor.

Background conductivity values in Areas B1, B2 South and B3 are in the order of 20 to 35 mS/m. Background inphase response is between -5 and 0 ppt.

Area B2 – East Side Results

Area B2 is located at the southeast corner of the Spaulding Fibre property (Figure 1). The terrain consists of flat ground mostly overgrown with trees and weeds.

The EM31 conductivity and in-phase results from Area B2 East are shown on Figures 9 and 10. EM31 anomalies are summarized in Table 4, below.

Table 4: Area B2 East - EM31 Geophysical Anomalies (See Figure 11)

Type	Number of Anomalies
A	6
B	1
C	5
D	8

Background conductivity values in Area B2 East are in the order of 20 to 45 mS/m. Background inphase response is between 0 and 5 ppt. Most of the contoured apparent conductivity results shown on Figure 9 are anomalous, and much higher than background.

Area B4 Results

Area B4 is located in the north/central portion of the Spaulding Fibre property (Figure 1). The terrain consists of mostly flat, gravel and debris--covered ground, and is adjacent to a large brick building

The EM31 conductivity and in-phase results from Area B4 are shown on Figures 12 and 13. EM31 anomalies are described in Table 5, below.

Table 5: Area B4 - EM31 Geophysical Anomalies (See Figure 14)

Type	Number of Anomalies
A	8
B	1 (All of Area B4 has a response >50 mS/m)
C	2
D	17

Background conductivity values in Area B4 are in the order of 60 to 100 mS/m. Background inphase response is between 6 and 20 ppt. It should be noted that the entire area has a conductivity response >50 mS/m.

Area B5 Results

Area B5 is located in the northeast corner of the Spaulding Fibre property (Figure 1). The terrain consists of flat, grass-covered ground bounded by a gravel road and trees.

The EM31 conductivity and in-phase results from Area B5 are shown on Figures 15 and 16. EM31 anomalies are described in Table 6, below.

Table 6: Area B5 - EM31 Geophysical Anomalies (See Figure 17)

Type	Number of Anomalies
A	0
B	3
C	1
D	7

Background conductivity values in Area B5 are in the order of 20 to 40 mS/m. Background inphase response is between -2 and 2 ppt.

Area C Results

Area C is located on the west side of the Spaulding Fibre property (Figure 1). The terrain consists of flat ground mostly overgrown with weeds.

The EM31 conductivity and in-phase results from Area C are shown on Figures 18 and 19. EM31 anomalies are described in Table 7, below.

Table 7: Area B5 - EM31 Geophysical Anomalies (See Figure 20)

Type	Number of Anomalies
A	2
B	0
C	0
D	3

Background conductivity values in Area C are in the order of 15 to 30 mS/m. Background inphase response is between -2 and 2 ppt.

LIMITATIONS OF THE GEOPHYSICAL METHODS

This geophysical investigation was conducted in a manner consistent with the level of care and skill ordinarily exercised by other members of the geophysical community currently practicing under similar conditions subject to the time limits and financial and physical constraints applicable to the services. EM31 Frequency Domain and EM61 Time domain electromagnetic devices are remote sensing geophysical instruments designed to locate metal objects in the upper 3-metres (~10-feet) of the subsurface, and may not detect all subsurface features of interest. Furthermore, discrete objects such as cars, buildings or miscellaneous metallic surface debris may produce anomalies that are misinterpreted as buried features. If an intrusive investigation is required service clearances should be obtained.

CLOSURE

We trust that this letter report meets your needs at the present time. If you require additional information or clarification, please contact us at your convenience.

GOLDER ASSOCIATES LTD

Robert J. Frazer
Project Geophysicist

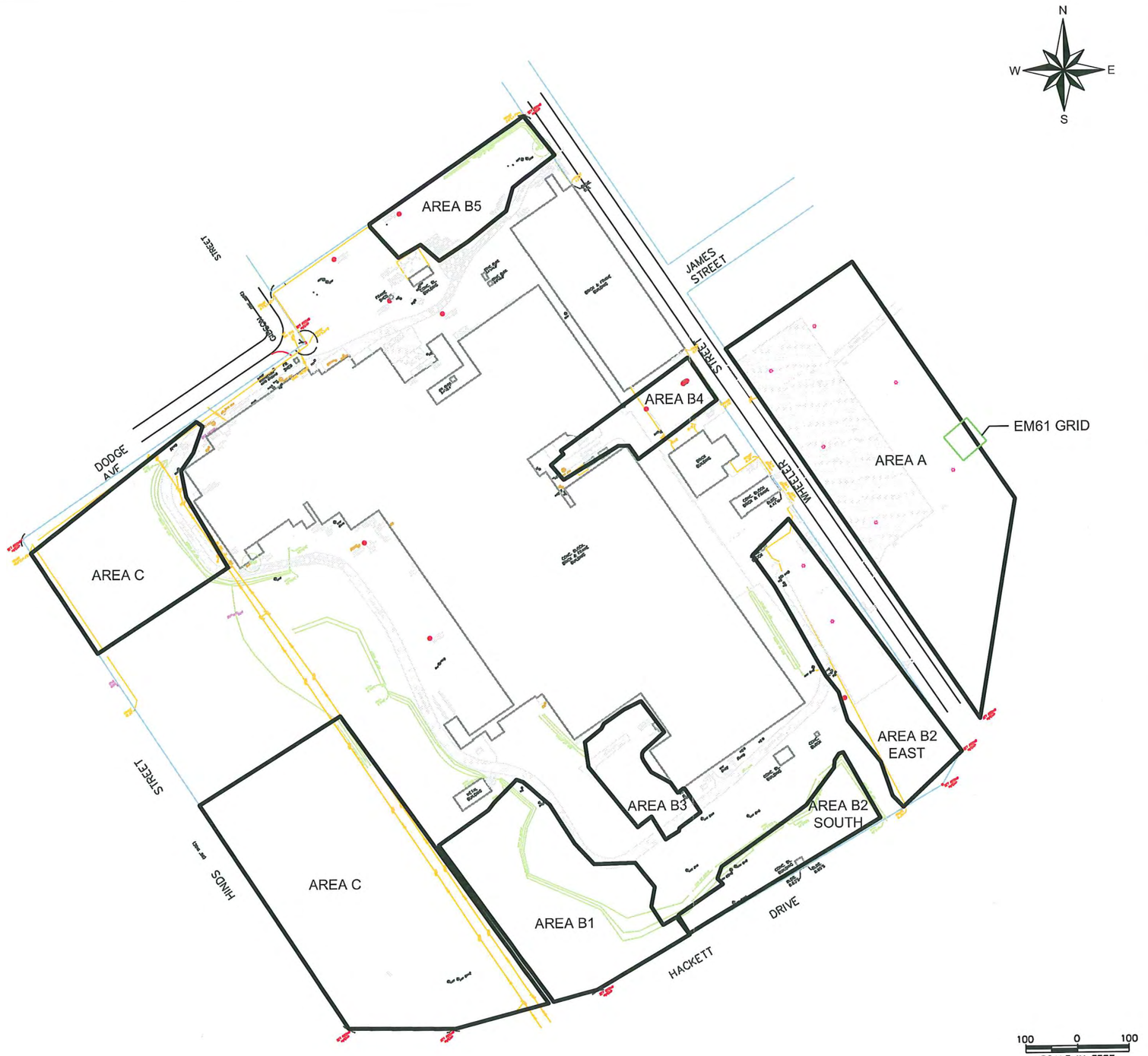
Mark Monier-Williams
Associate/Senior Geophysicist

RJF/MMW/TEF:rjf/tef/wlm

List of Attachments:
Figure 1 – Site Map – Spaulding Fibre Site
Figure 2 – Terrain Conductivity Results – Area A
Figure 3 – In-phase Results – Area A
Figure 4 – Geophysical Anomaly Map – Area A
Figure 5 – EM61 Bottom Coil and Differential Results – Area A
Figure 6 – Terrain Conductivity Results – Area B1, B2 South, B3

Figure 7 – In-phase Results – Area B1, B2 South, B3
Figure 8 – Geophysical Anomaly Map – Area B1, B2 South, B3
Figure 9 – Terrain Conductivity Results – Area B2 East
Figure 10 – In-phase Results – Area B2 East
Figure 11 – Geophysical Anomaly Map – Area B2 East
Figure 12 – Terrain Conductivity Results – Area B4
Figure 13 – In-phase Results – Area B4
Figure 14 – Geophysical Anomaly Map – Area B4
Figure 15 – Terrain Conductivity Results – Area B5
Figure 16 – In-phase Results – Area B5
Figure 17 – Geophysical Anomaly Map – Area B5
Figure 18 – Terrain Conductivity Results – Area C
Figure 19 – In-phase Results – Area C
Figure 20 – Geophysical Anomaly Map – Area C

F/N: G:\Projects\073-89006 Spaulding Fiber\Geophysics Results\Final Report\Letter Report Spaulding Fibre EM31_EM61.doc



KEY MAP

TONAWANDA, NEW YORK

LEGEND:

- AREA OF INTEREST
- OUTLINE OF EM31 GEOPHYSICAL INVESTIGATION AREA

NOTES:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

SITE MAP - SPAULDING FIBRE

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.	RTest (RTest)
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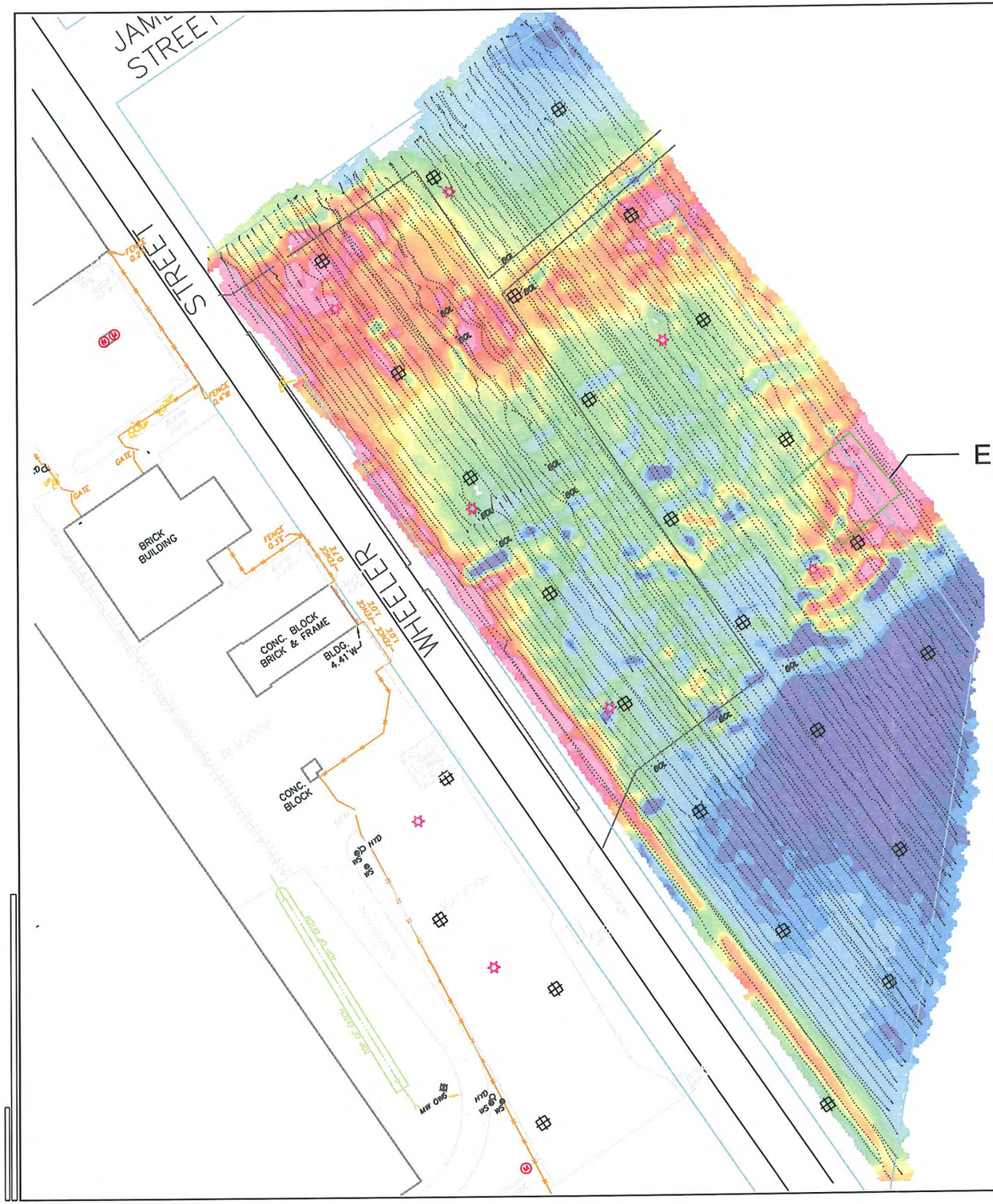

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KEY PLAN

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- LIGHT STANDARD
- MANHOLE COVER
- BOL METAL BOLLARD
- MONITORING WELL
- EM31 DATA POINT
- WS FH SPRINKLER
- HYD FIRE HYDRANT
- PROPERTY BOUNDARY
- CHAIN-LINK FENCE
- BLACKTOP

140
120
100
80
60
40
20
Apparent Conductivity (mS/m)

50 0 50
SCALE IN FEET

NOTES:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

TERRAIN CONDUCTIVITY RESULTS - AREA A

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.	[illegible]	
DESIGN	RJF	2007/07/19	SCALE	1:1000	REV. A
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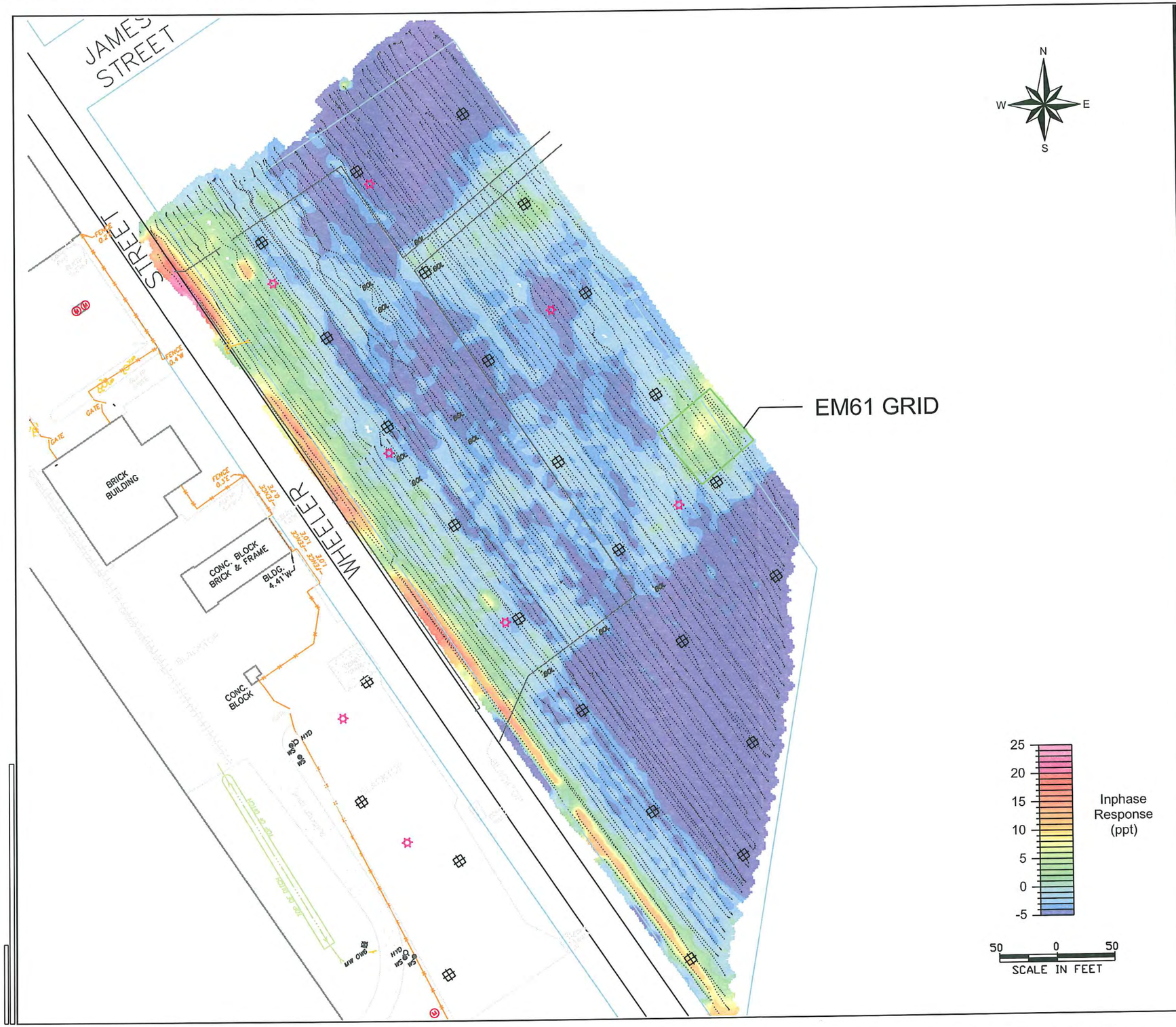

KEY MAP

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- LIGHT STANDARD
- MANHOLE COVER
- BOL — METAL BOLLARD
- MONITORING WELL
- EM31 DATA POINT
- WS — FH SPRINKLER
- HYD — FIRE HYDRANT
- PROPERTY BOUNDARY
- EM61 GRID AREA
- CHAIN-LINK FENCE
- BLACKTOP

NOTES:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

IN-PHASE RESULTS - AREA A

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No. [illegible]
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CAD	RJF	2007/09/19	FIGURE No. 3
CHECK	RJF	2007/09/19	
REVIEW	[illegible]	07/10/16	

BOL

KEY MAP

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- LIGHT STANDARD
- MANHOLE COVER
- BOL METAL BOLLARD
- MONITORING WELL
- PROPERTY BOUNDARY
- EM31 GRID AREA
- EM61 GRID AREA
- BLACKTOP

GEOPHYSICAL INTERPRETATION:

- A LINEAR EM31 ANOMALY
- B AREA OF ANOMALOUS EM31 RESPONSE (>50 mS/m)
- C AREA OF ANOMALOUS EM31 RESPONSE (>100 mS/m)
- D DISCRETE ANOMALIES

NOTES:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

GEOPHYSICAL ANOMALY MAP - AREA A

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.	073-89006-01A		FILE No.	&Test (&Test)	
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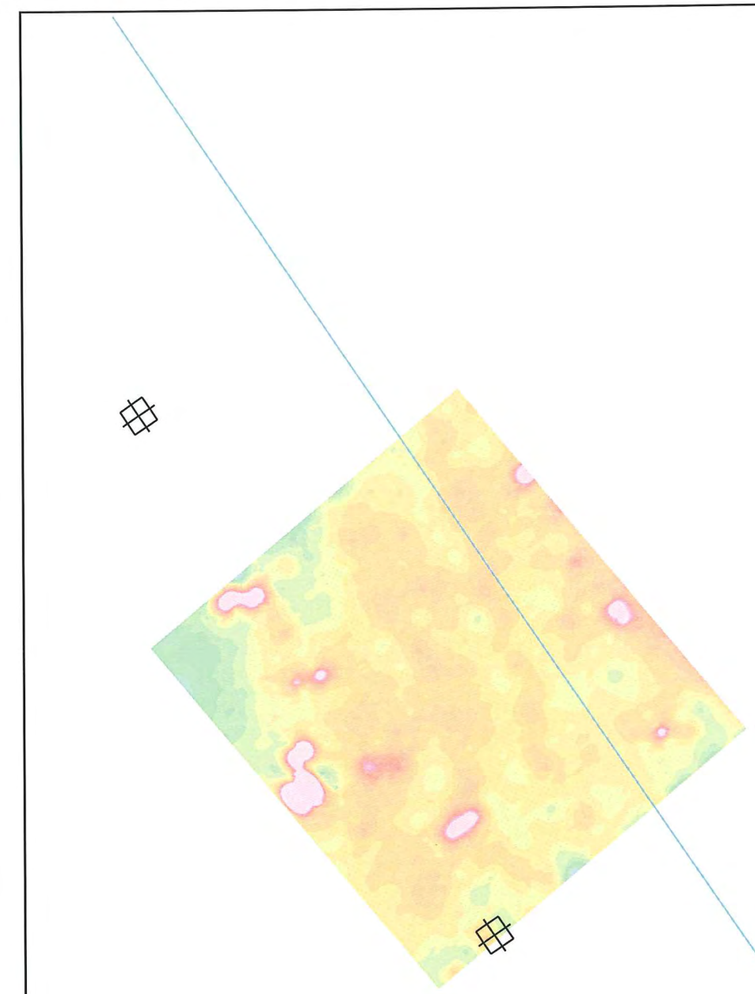
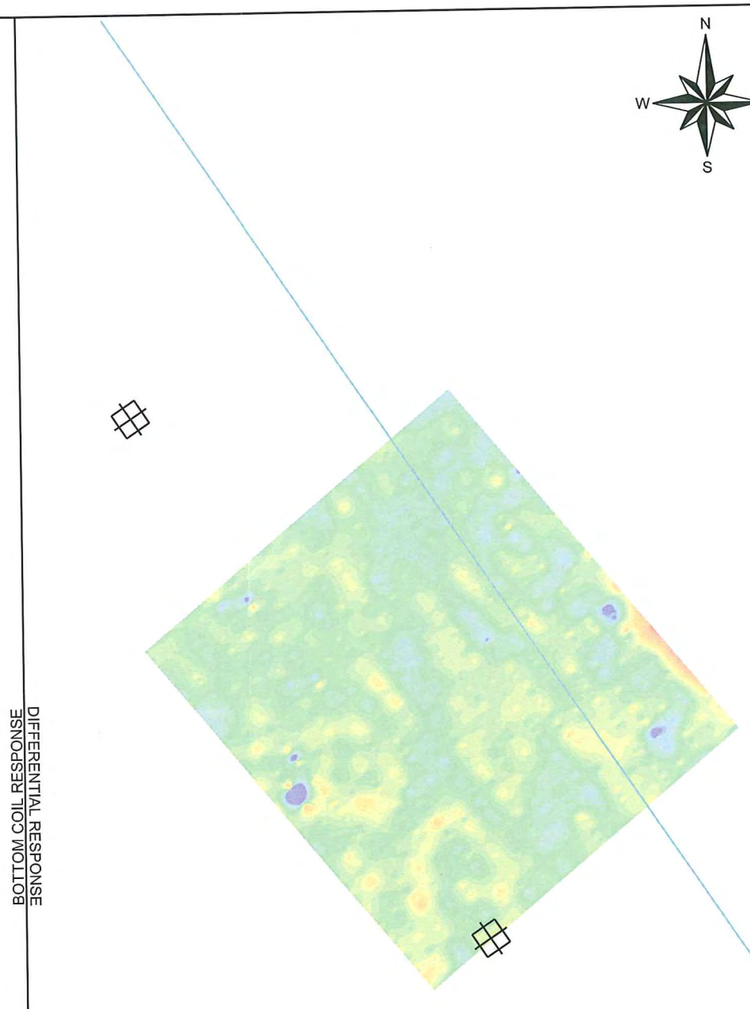
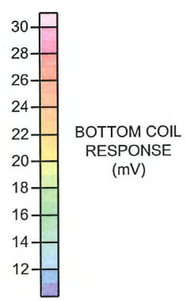
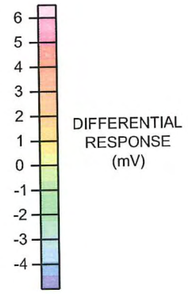




BOTTOM COIL RESPONSE

DIFFERENTIAL RESPONSE





5 0 5

SCALE IN FEET

KEY MAP

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- LIGHT STANDARD
- PROPERTY BOUNDARY

NOTE:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

EM61 BOTTOM COIL AND DIFFERENTIAL RESPONSE - AREA A

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.	[illegible]	
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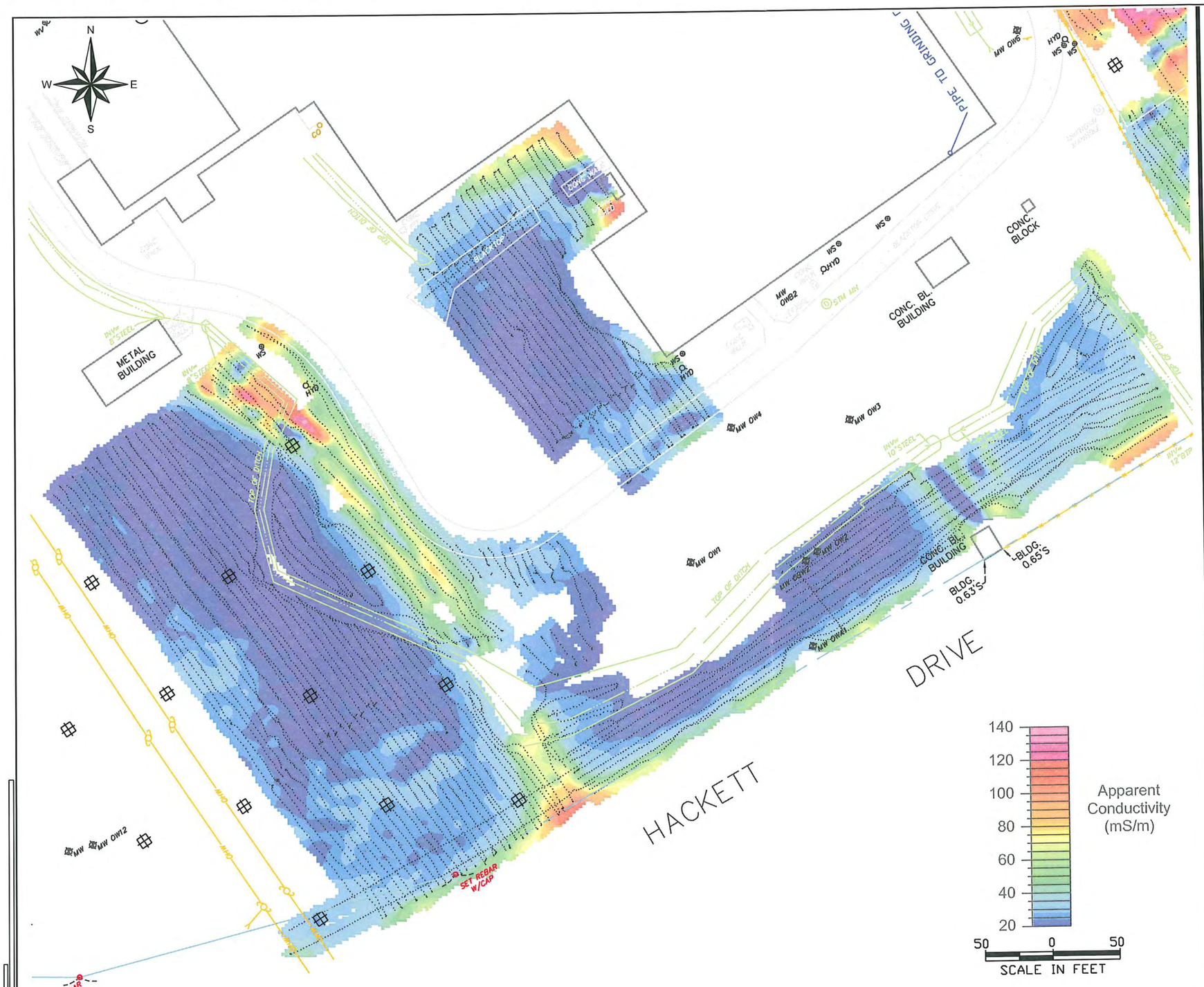

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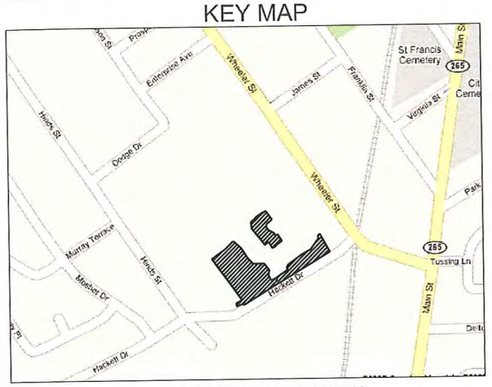

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- OVERHEAD POWER LINE
- MONITORING WELL
- EM31 DATA POINT
- WS — FH SPRINKLER
- HYD — FIRE HYDRANT
- PROPERTY BOUNDARY
- BLACKTOP

NOTE:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

CONDUCTIVITY RESULTS - AREAS B1, B2 SOUTH, B3

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.	Brat (Read)	
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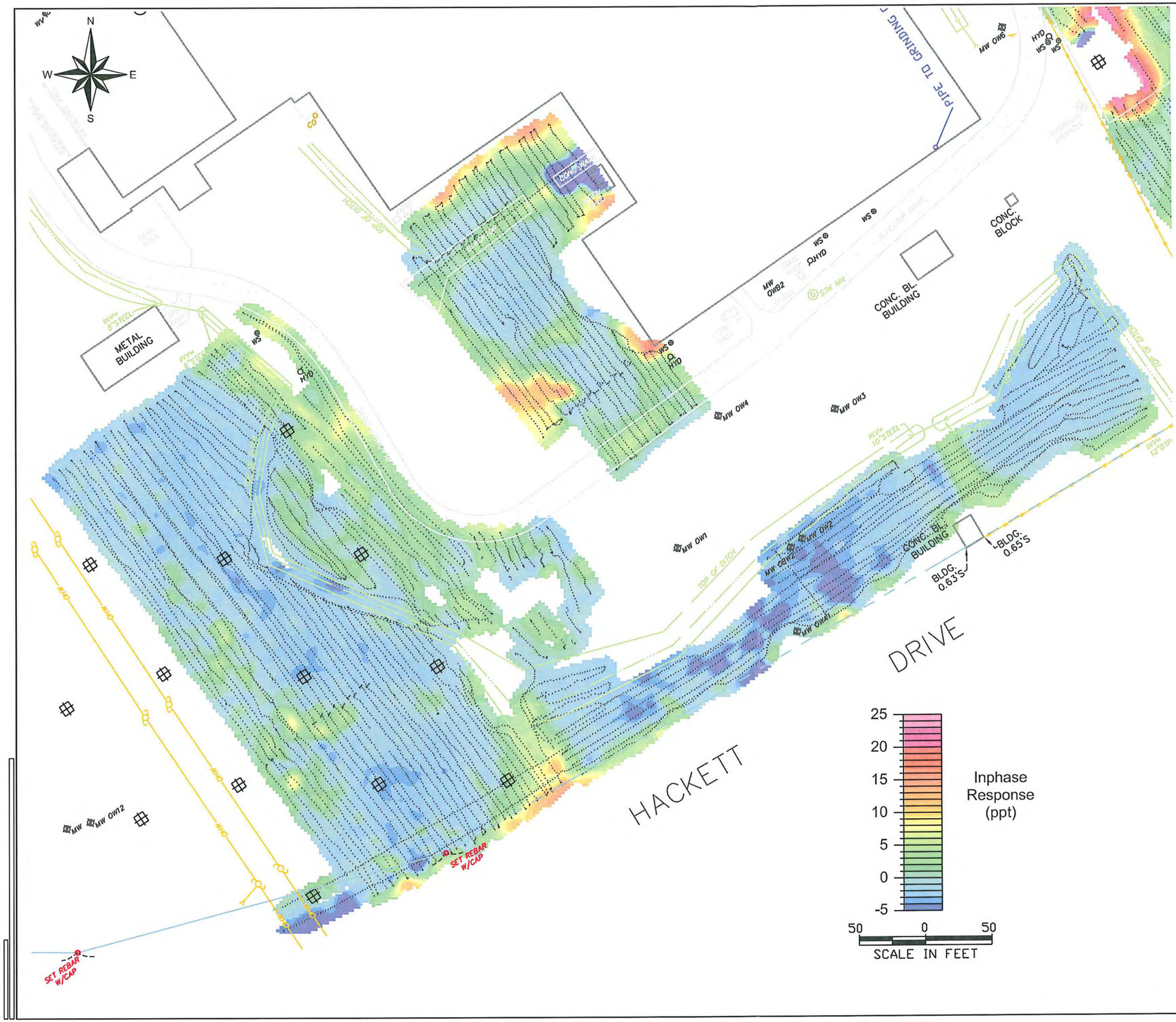

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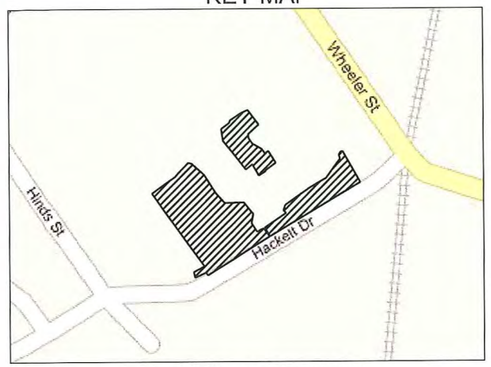

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- OVERHEAD POWER LINE
- MONITORING WELL
- EM31 DATA POINT
- WS — FH SPRINKLER
- HYD — FIRE HYDRANT
- PROPERTY BOUNDARY
- BLACKTOP

NOTE:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

IN-PHASE RESULTS - AREAS B1, B2 SOUTH, B3

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.	\Test (\Test)	
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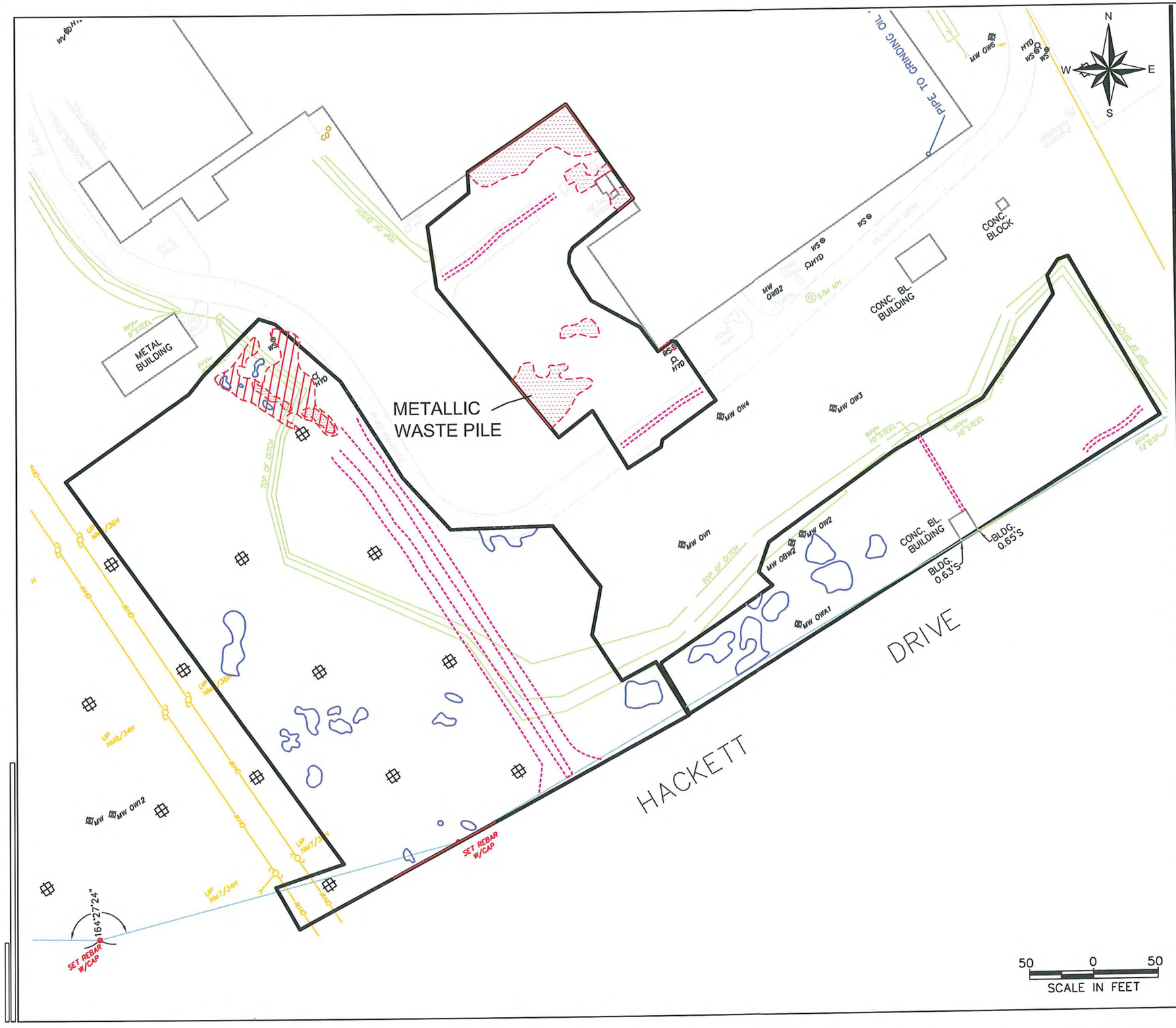

KEY MAP

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- MONITORING WELL
- WS FH SPRINKLER
- HYD FIRE HYDRANT
- PROPERTY BOUNDARY
- EM31 GRID AREA
- CHAIN LINK FENCE
- BLACKTOP

GEOPHYSICAL INTERPRETATION:

- A LINEAR EM31 ANOMALY
- B AREA OF ANOMALOUS EM31 RESPONSE (>50 mS/m)
- C AREA OF ANOMALOUS EM31 RESPONSE (>100 mS/m)
- D DISCRETE ANOMALIES

NOTES:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

GEOPHYSICAL ANOMALY MAP - AREA S B1, B2 SOUTH, B3

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.	[illegible]	
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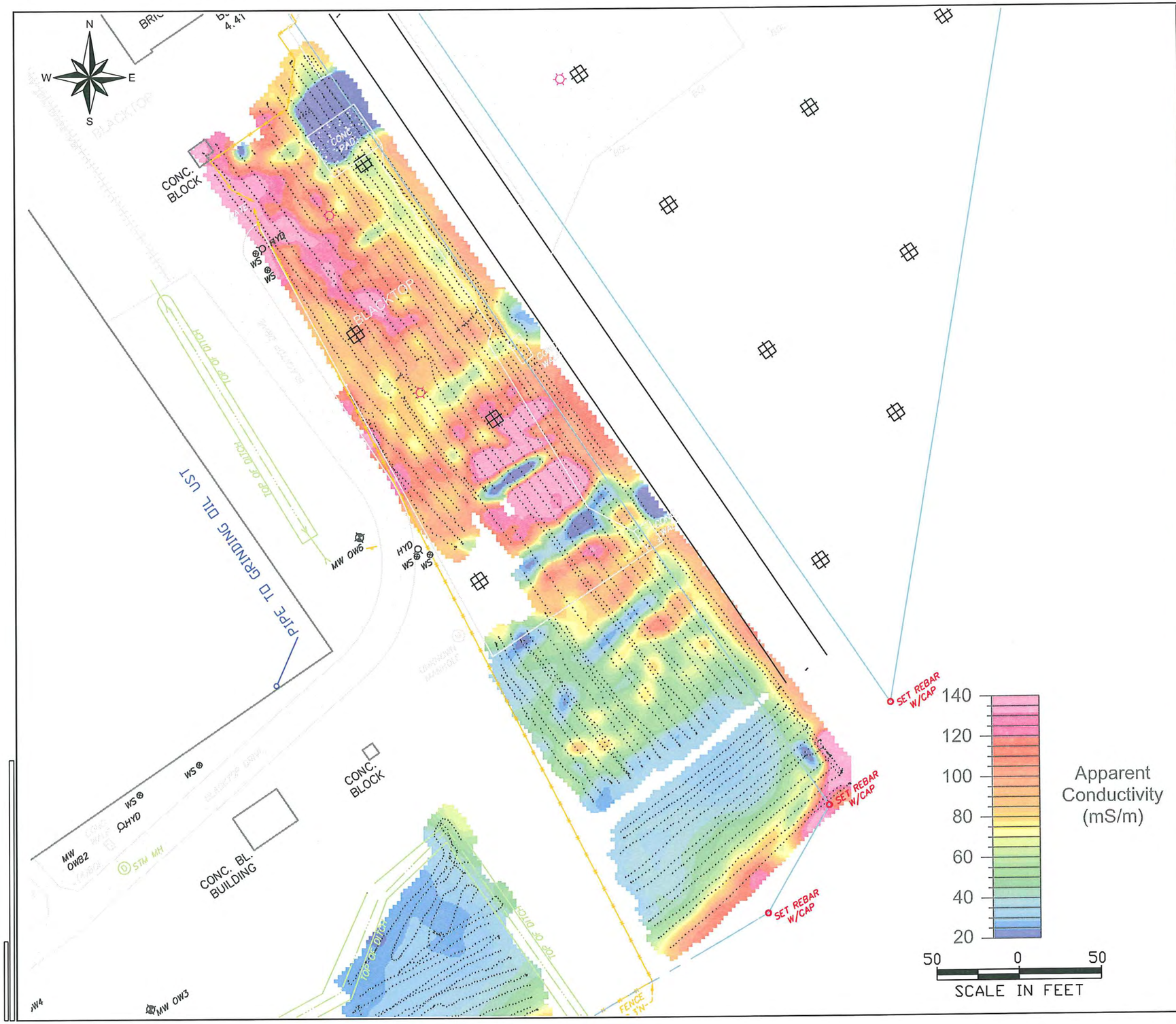

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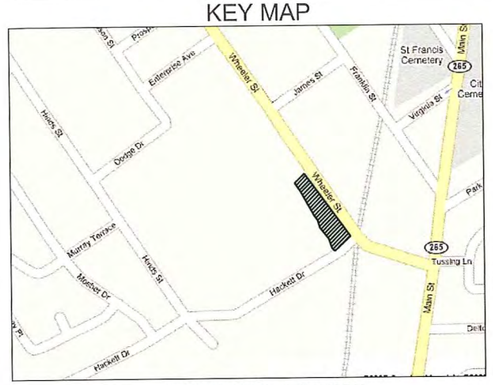

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- OVERHEAD POWER LINE
- MONITORING WELL
- EM31 DATA POINT
- WS — FH SPRINKLER
- HYD — FIRE HYDRANT
- PROPERTY BOUNDARY
- BLACKTOP

NOTE:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

CONDUCTIVITY RESULTS - AREA B2 EAST

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.	{Test (&Test)}	
DESIGN	RJF	2007/07/19	SCALE	AS SHOWN	REV. A
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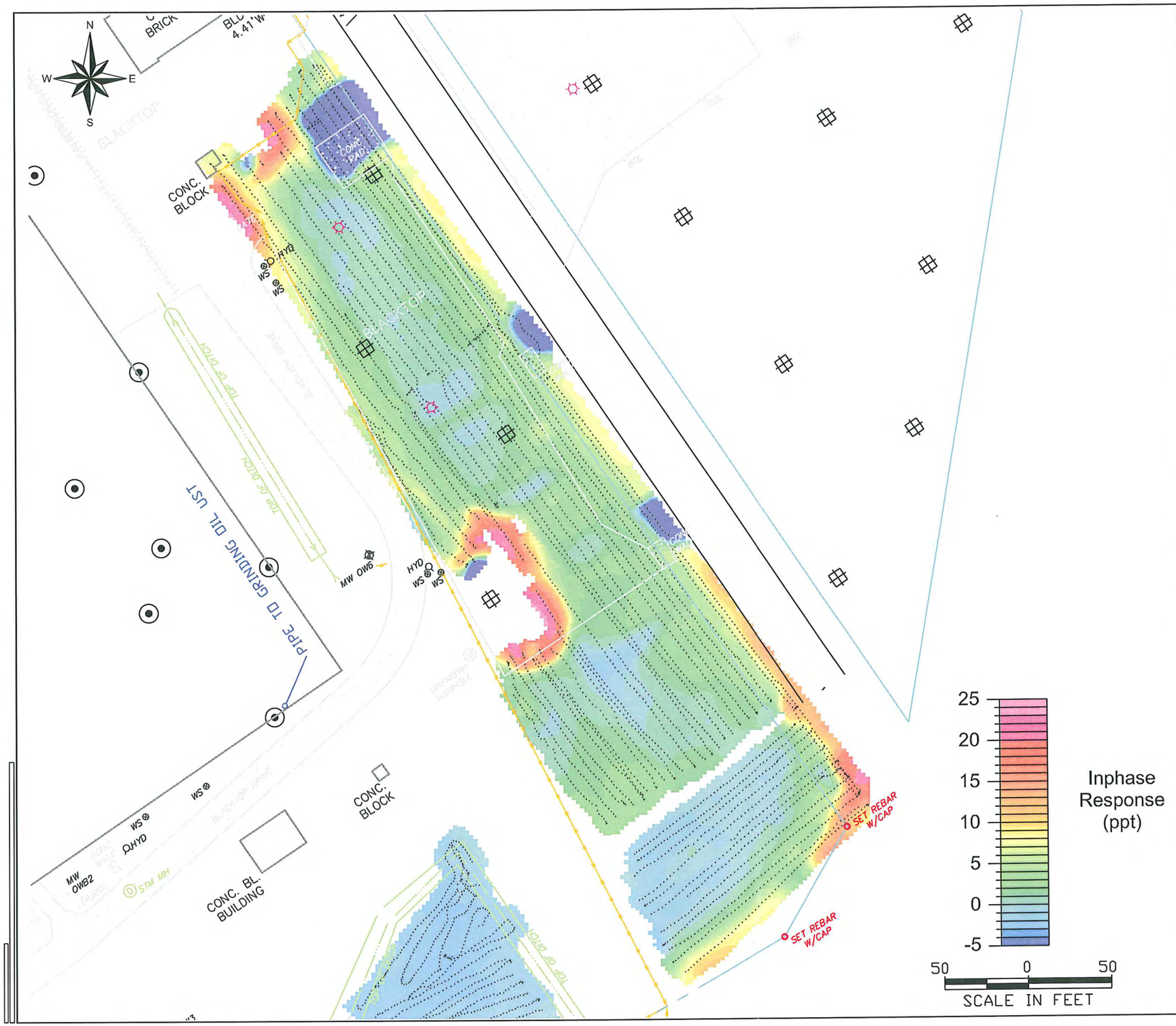

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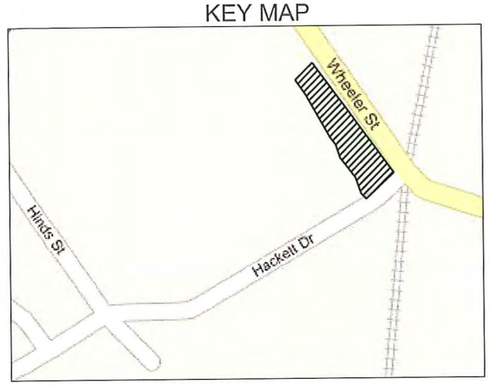

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- OVERHEAD POWER LINE
- MONITORING WELL
- EM31 DATA POINT
- WS FH SPRINKLER
- HYD FIRE HYDRANT
- PROPERTY BOUNDARY
- BLACKTOP

NOTE:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

IN-PHASE RESULTS - AREA B2 EAST

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.		
DESIGN	RJF	2007/07/19	SCALE	AS SHOWN	REV. A
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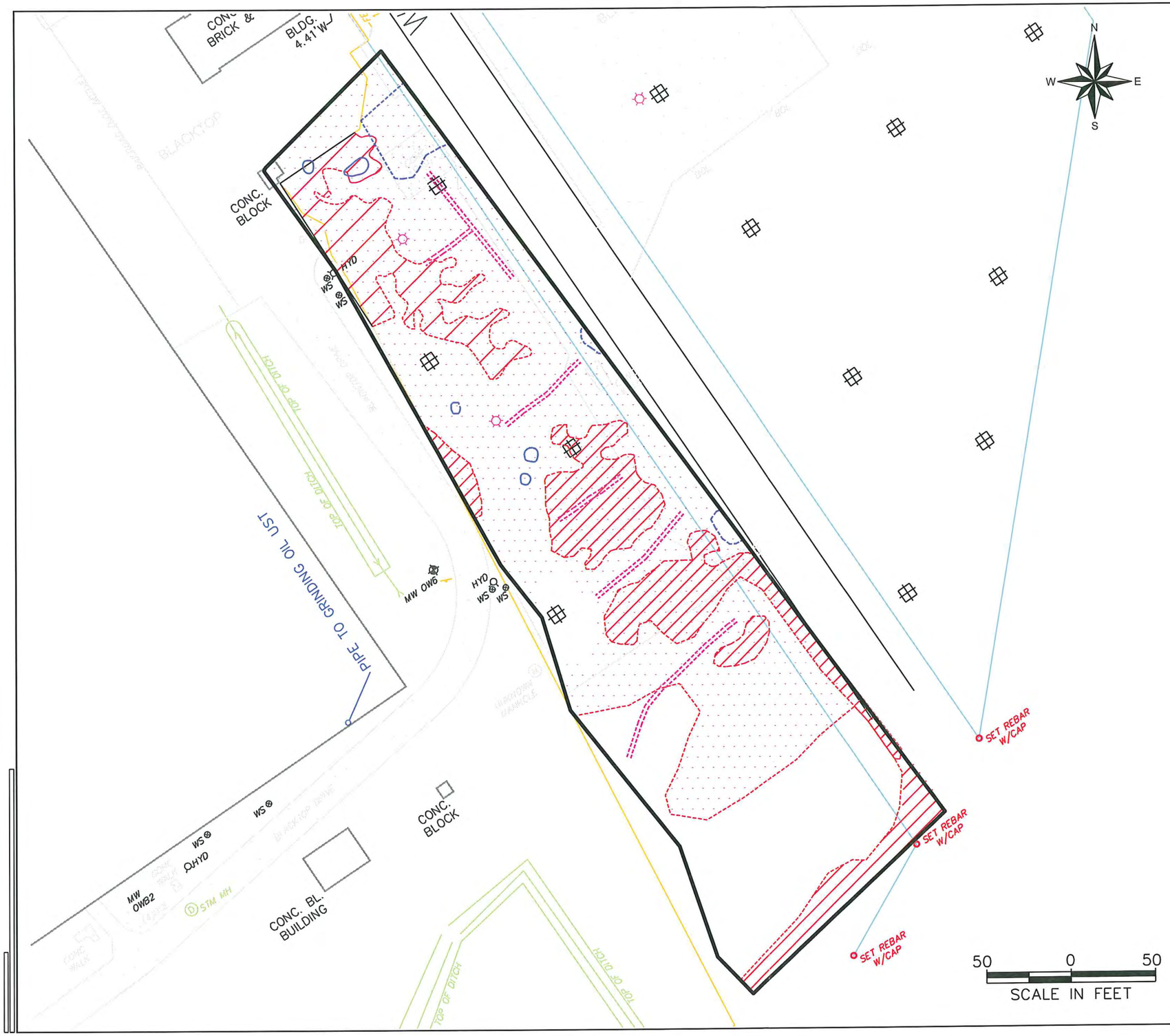

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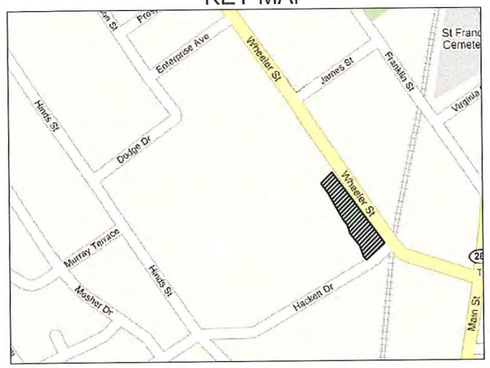

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- MONITORING WELL
- WS — FH SPRINKLER
- HYD — FIRE HYDRANT
- PROPERTY BOUNDARY
- EM31 GRID AREA
- CHAIN LINK FENCE
- BLACKTOP

GEOPHYSICAL INTERPRETATION:

- A — LINEAR EM31 ANOMALY
- B — AREA OF ANOMALOUS EM31 RESPONSE (>50 mS/m)
- C — AREA OF ANOMALOUS EM31 RESPONSE (>100 mS/m)
- D — DISCRETE ANOMALIES

NOTES:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

GEOPHYSICAL ANOMALY MAP - AREA B2 EAST

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.	073-89006-01A		FILE No.	[Text Box]	
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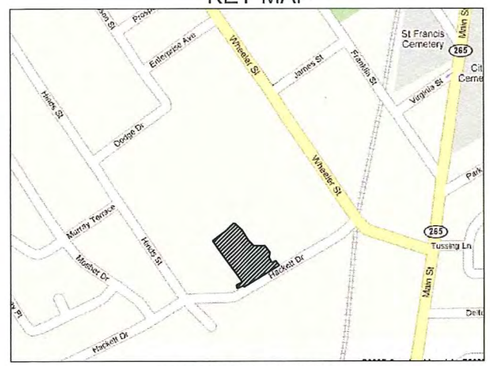
KEY MAP



TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- OVERHEAD POWER LINE
- MONITORING WELL
- EM31 DATA POINT
- FH SPRINKLER
- FIRE HYDRANT
- PROPERTY BOUNDARY
- BLACKTOP

NOTE:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

CONDUCTIVITY RESULTS - AREA B4

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-69006-01A	FILE No.	[illegible]	
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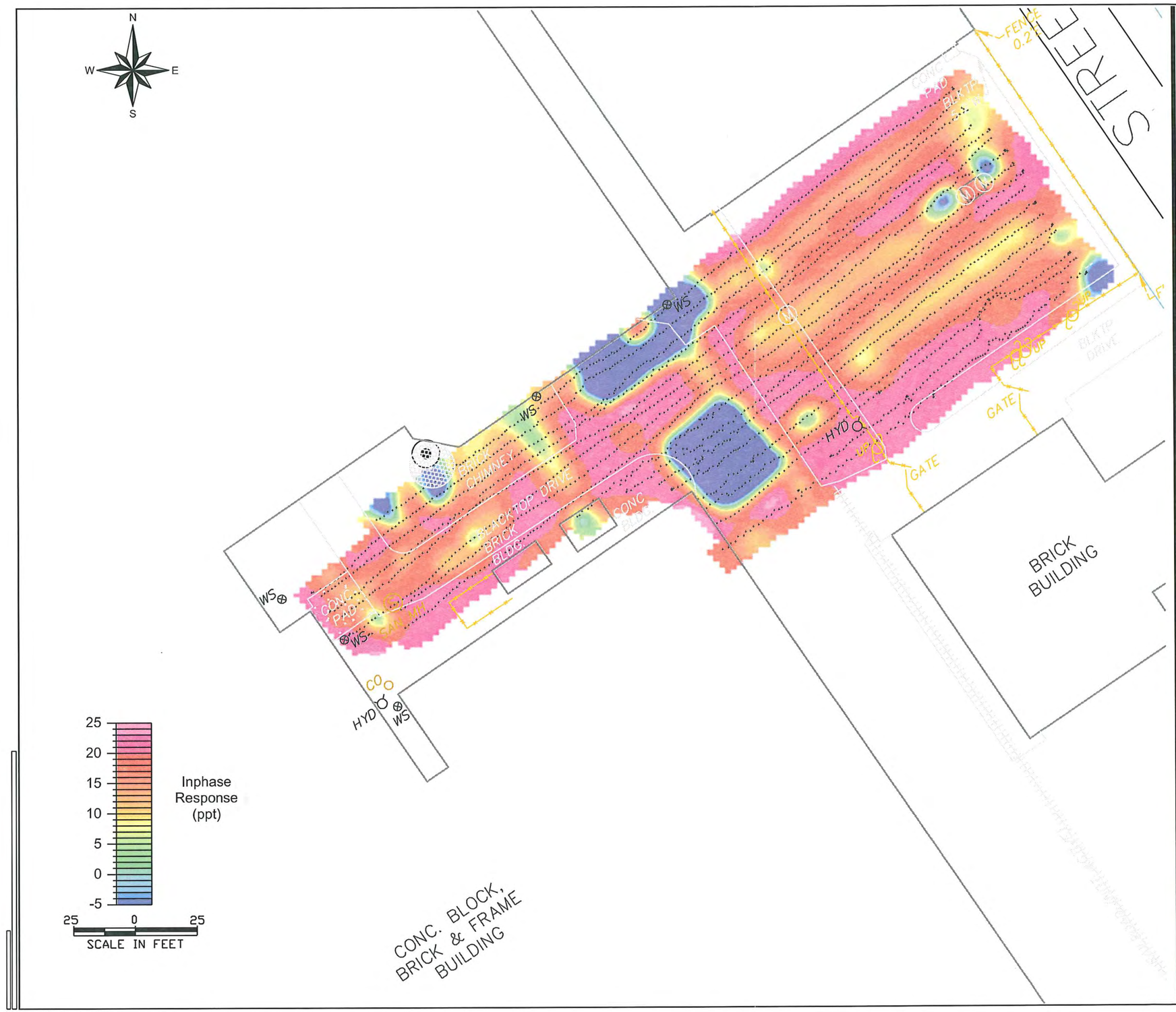

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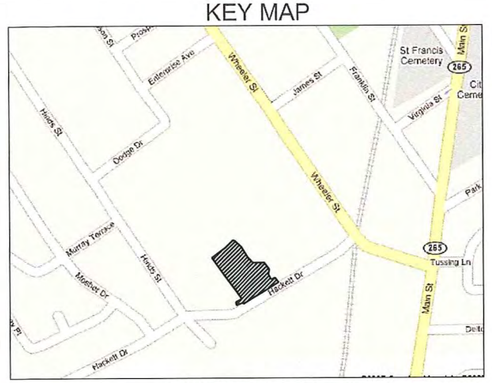

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- OVERHEAD POWER LINE
- MONITORING WELL
- EM31 DATA POINT
- WS FH SPRINKLER
- HYD FIRE HYDRANT
- PROPERTY BOUNDARY
- BLACKTOP

NOTE:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

IN-PHASE RESULTS - AREA B4

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.		
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CAD	RJF/TF	2007/09/18	FIGURE No.		
CHECK	RJF	2007/09/19		13	
REVIEW					

N
W
E
S

MW

BRICK & FRAME BUILDING

STREET

FENCE 0.2'E

FENCE 0.4'W

FENCE 0.3'E

GATE

GATE

UP

UP

BRICK BUILDING

CONC. BLOCK BRICK & FRA

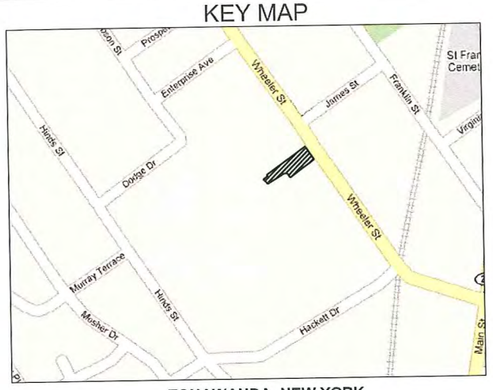
WS

HYD

SAN MH

25 0 25
SCALE IN FEET

KEY MAP



TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- OVERHEAD POWER LINE
- MANHOLE COVER
- MONITORING WELL
- WS FH SPRINKLER
- HYD FIRE HYDRANT
- PROPERTY BOUNDARY
- CHAIN-LINK FENCE
- BLACKTOP

GEOPHYSICAL INTERPRETATION:

- A — LINEAR EM31 ANOMALY
- B — AREA OF ANOMALOUS EM31 RESPONSE (>50 mS/m)
- C — AREA OF ANOMALOUS EM31 RESPONSE (>100 mS/m)
- D — DISCRETE ANOMALIES

NOTES:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

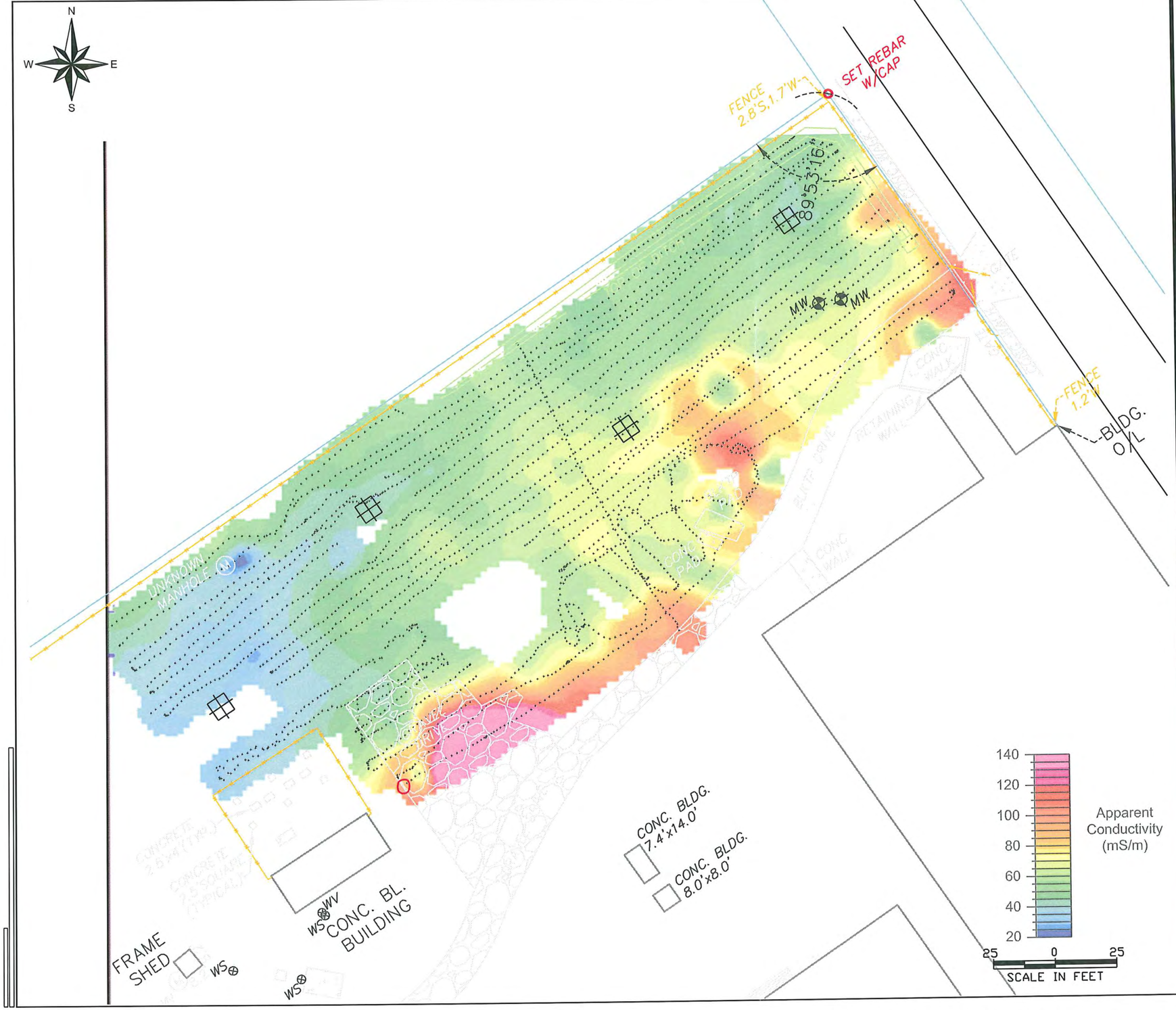
LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

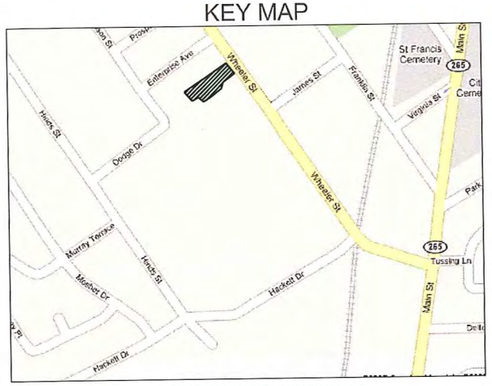
GEOPHYSICAL ANOMALIES- AREA B4

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.	(Effect) (Effect)	
DESIGN	RJF	2007/07/19	SCALE	AS SHOWN	REV. A
CAD	RJF/TF	2007/09/20	FIGURE No.		
CHECK	RJF	2007/09/20		14	
REVIEW					



KEY MAP



TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- OVERHEAD POWER LINE
- MONITORING WELL
- EM31 DATA POINT
- WS — FH SPRINKLER
- HYD — FIRE HYDRANT
- PROPERTY BOUNDARY
- BLACKTOP

NOTE:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

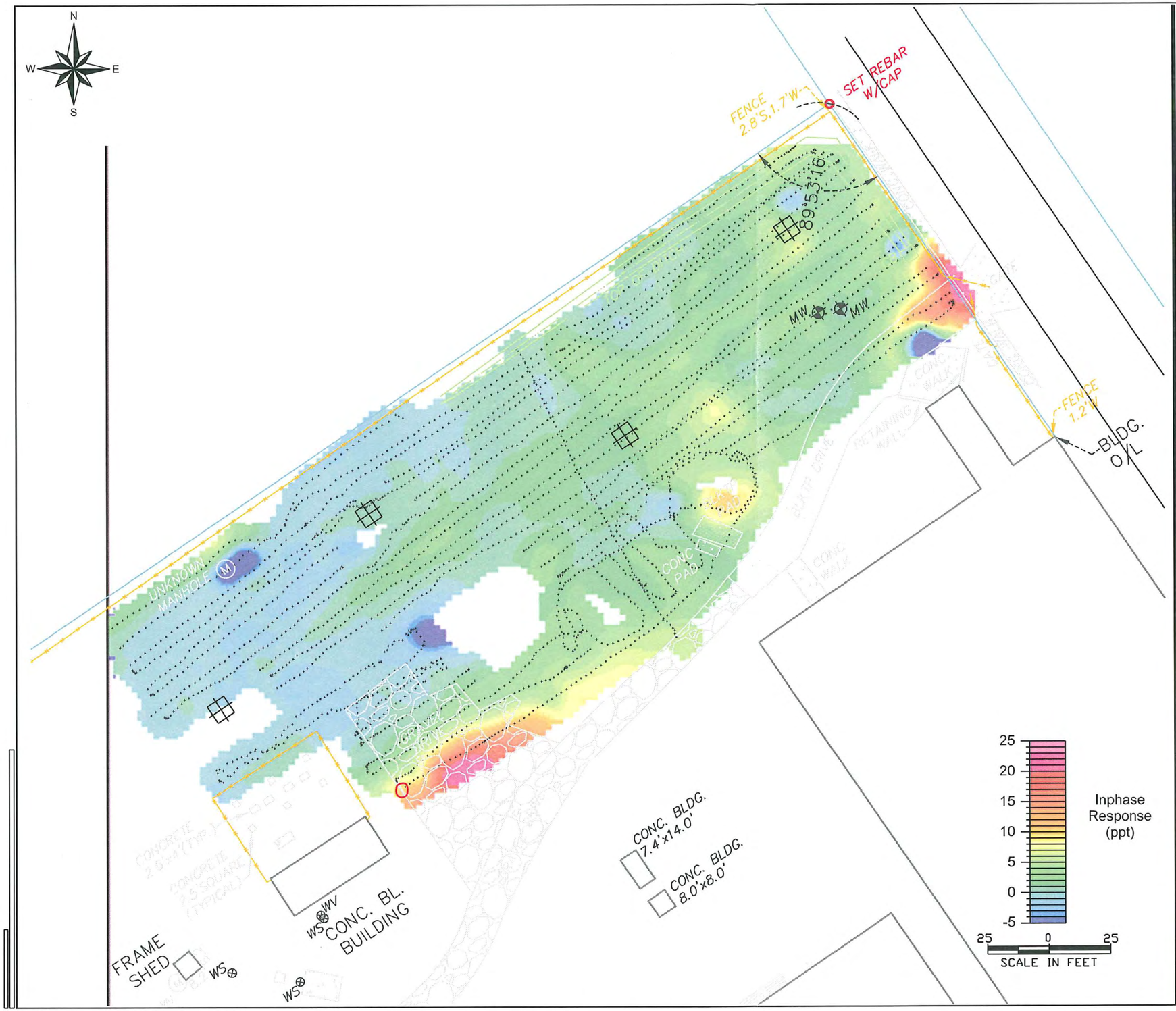
LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

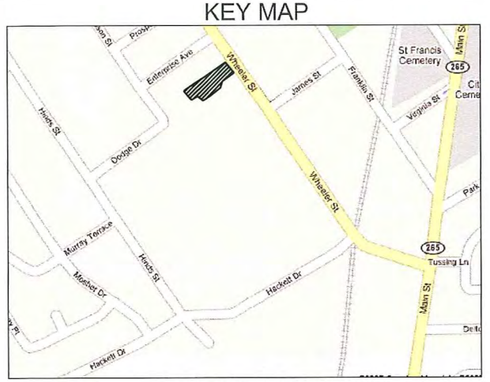
CONDUCTIVITY RESULTS - AREA B 5

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.	Btest (Btest)	
DESIGN	RJF	2007/07/19	SCALE	AS SHOWN	REV. A
CAD	RJF/TF	2007/09/18	FIGURE No.		
CHECK	RJF	2007/09/19		15	
REVIEW					



KEY MAP



TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- OVERHEAD POWER LINE
- MONITORING WELL
- EM31 DATA POINT
- WS — FH SPRINKLER
- HYD — FIRE HYDRANT
- PROPERTY BOUNDARY
- BLACKTOP

NOTE:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

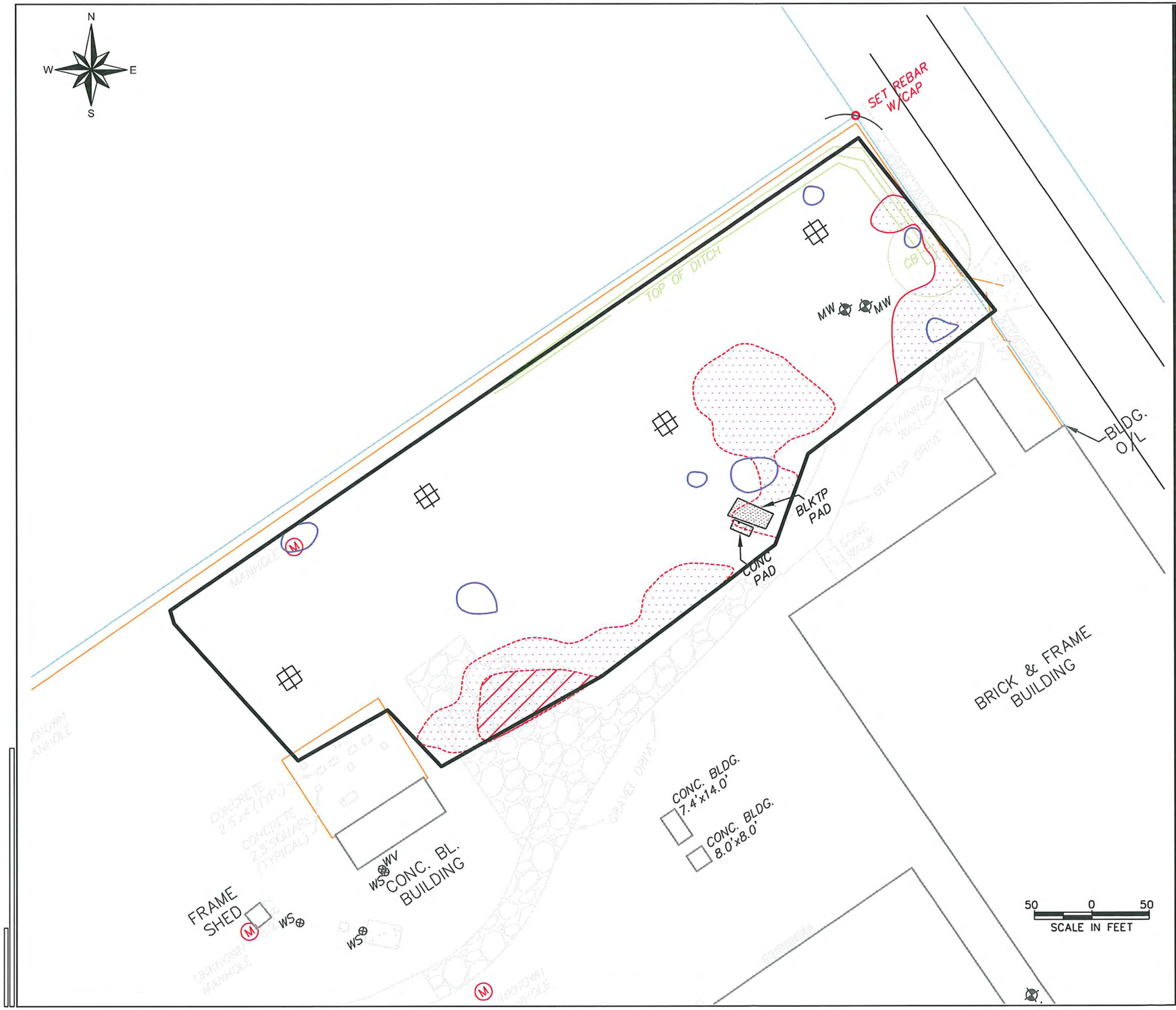
LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

IN-PHASE RESULTS - AREA B5

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.	073-89006-01A		FILE No.	Last Graph	
DESIGN	RJF	2007/07/19	SCALE	AS SHOWN	REV. A
CAD	RJF/TF	2007/09/18	FIGURE No.		
CHECK	RJF	2007/09/19	16		
REVIEW					



KEY MAP

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- MANHOLE COVER
- MONITORING WELL
- WS — FH SPRINKLER
- PROPERTY BOUNDARY
- CHAIN-LINK FENCE
- EM31 GRID AREA
- BLACKTOP

GEOPHYSICAL INTERPRETATION:

- A — LINEAR EM31 ANOMALY
- B — AREA OF ANOMALOUS EM31 RESPONSE (>50 mS/m)
- C — AREA OF ANOMALOUS EM31 RESPONSE (>100 mS/m)
- D — DISCRETE ANOMALIES

NOTES:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

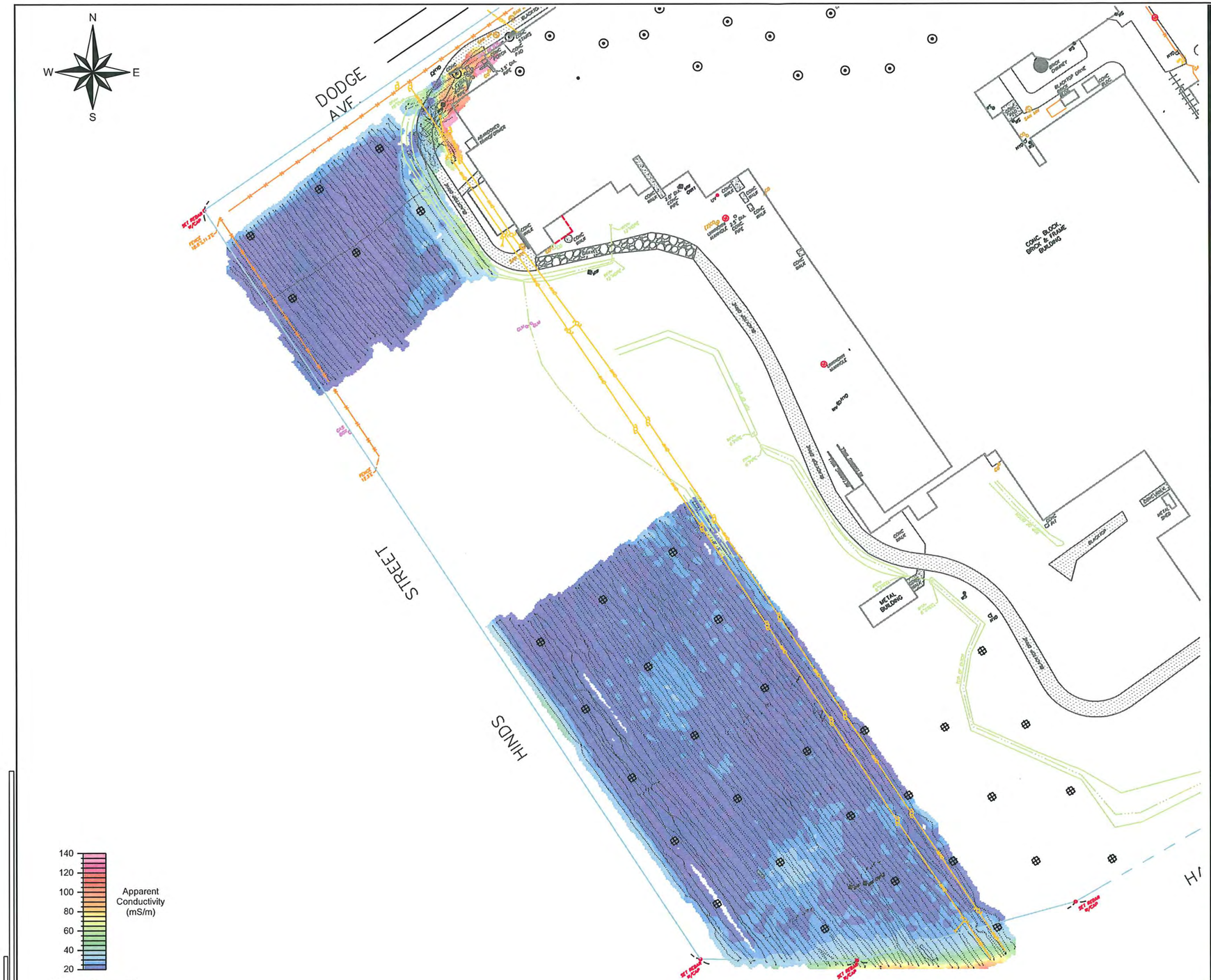
LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

GEOPHYSICAL ANOMALIES - AREA B5

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.		
DESIGN	RJF	2007/07/19	SCALE	1:500	REV. A
CAD	RJF/TF	2007/09/18	FIGURE No.		
CHECK	RJF	2006/09/22		17	
REVIEW					



KEY MAP

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- EM31 DATA POINT
- MANHOLE COVER
- MONITORING WELL
- WS FH SPRINKLER
- HYD FIRE HYDRANT
- PROPERTY BOUNDARY
- CHAIN-LINK FENCE
- BLACKTOP

NOTES:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

TERRAIN CONDUCTIVITY RESULTS - AREA C

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.		
DESIGN	RJF	2007/07/19	SCALE	1:1500	REV. A
CAD	RJF/TF	2007/09/18	FIGURE No.		
CHECK	RJF	2007/09/19		18	
REVIEW					

N
W E
S

DODGE AVE.

STREET

HINDS

HACKETT

CONC. BLOCK BRICK & FRAME BUILDING

BROK BUILDING

METAL BUILDING

BLACKTOP DRIVE

Inphase Response (ppt)

25
20
15
10
5
0
-5

50 0 50
SCALE IN FEET

KEY MAP

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- EM31 DATA POINT
- MANHOLE COVER
- MONITORING WELL
- WS FH SPRINKLER
- HYD FIRE HYDRANT
- PROPERTY BOUNDARY
- CHAIN-LINK FENCE
- BLACKTOP

NOTES:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

IN-PHASE RESULTS - AREA C

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.		
DESIGN	RJF	2007/07/19	SCALE	1:1500	REV. A
CAD	RJF/TF	2007/09/20	FIGURE No.		
CHECK	RJF	2007/09/20		19	
REVIEW					

KEY MAP

TONAWANDA, NEW YORK

LEGEND:

- PROPOSED TEST PIT
- MANHOLE COVER
- MONITORING WELL
- FH SPRINKLER
- FIRE HYDRANT
- PROPERTY BOUNDARY
- CHAIN-LINK FENCE
- EM31 GRID AREA
- BLACKTOP

GEOPHYSICAL INTERPRETATION:

- A LINEAR EM31 ANOMALY
- B AREA OF ANOMALOUS EM31 RESPONSE (>50 mS/m)
- C AREA OF ANOMALOUS EM31 RESPONSE (>100 mS/m)
- D DISCRETE ANOMALIES

NOTES:

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ACCOMPANYING TEXT.

COORDINATE SYSTEM IS WGS 84, UTM ZONE 17N

REFERENCE:

KEY MAP SOURCE: GOOGLE MAPS (GOOGLE LTD.)

PROJECT

LIRO ENG / SPAULDING FIBRE ERP / NY

TITLE

GEOPHYSICAL ANOMALY MAP - AREA C

Golder Associates
Mississauga, Ontario, Canada

PROJECT No.		073-89006-01A	FILE No.	RText (RText)
DESIGN	RJF	2007/07/19	SCALE 1:1500	REV. A
CAD	RJF/TF	2007/09/20	FIGURE No.	
CHECK	RJF	2007/09/20	20	
REVIEW				