SDMS US EPA REGION V

COLOR - RESOLUTION - 3

IMAGERY INSERT FORM

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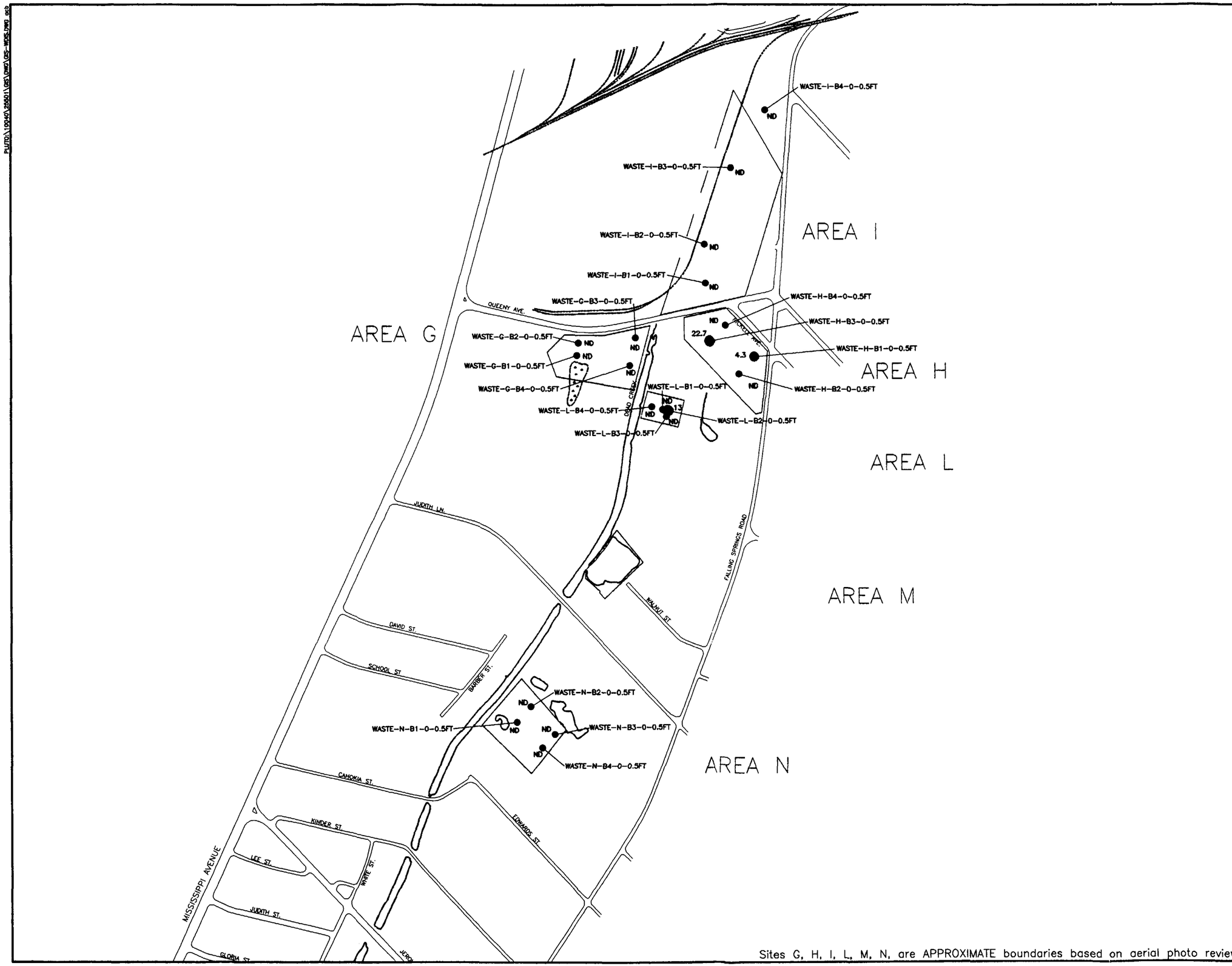
SITE NAME	SAUGET AREA 1
DOC ID #	150752
DOCUMENT VARIATION	__X__ COLOR **OR** ___ RESOLUTION
PRP	
PHASE	SAS
OPERABLE UNITS	
LOCATION	Box #__ Folder #____ Subsection_____
PHASE (AR DOCUMENTS ONLY)	____ Remedial ____ Removal ___ Deletion Docket ____ ____ Original ____ Update # ____ Volume ___ of ___
COMMENT(S) SEVERAL SITE LOCATION MAPS	

PLOTD:\10040\25501\DES\DWG\QSC-WDS.DWG, ecb

FIGURE 1



Sites G, H, I, L, M, N, are APPROXIMATE boundaries based on aerial photo review.

LEGEND

- • NOT DETECTED
- • < 1
- • 1 – 10
- • 10 – 100
- • 100 – 1000
- • > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

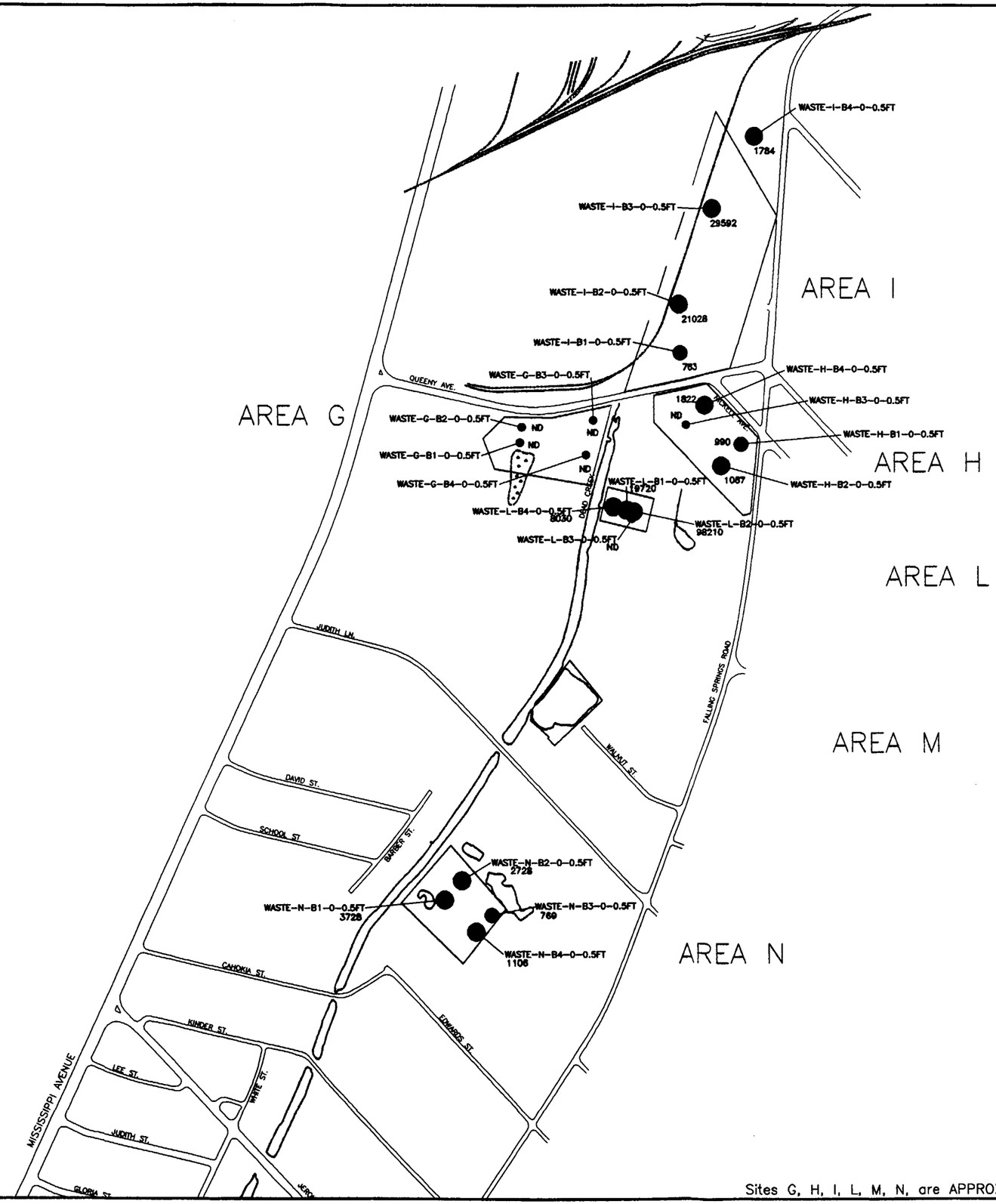
WASTE
DISCRETE SURFACE
(0–0.5 ft.)
TOTAL VOAs

300 0 300
SCALE IN FEET

FILE NO. 25501.WDIS.A
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 2



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- • 1 – 10
- • 10 – 100
- • 100 – 1000
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SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

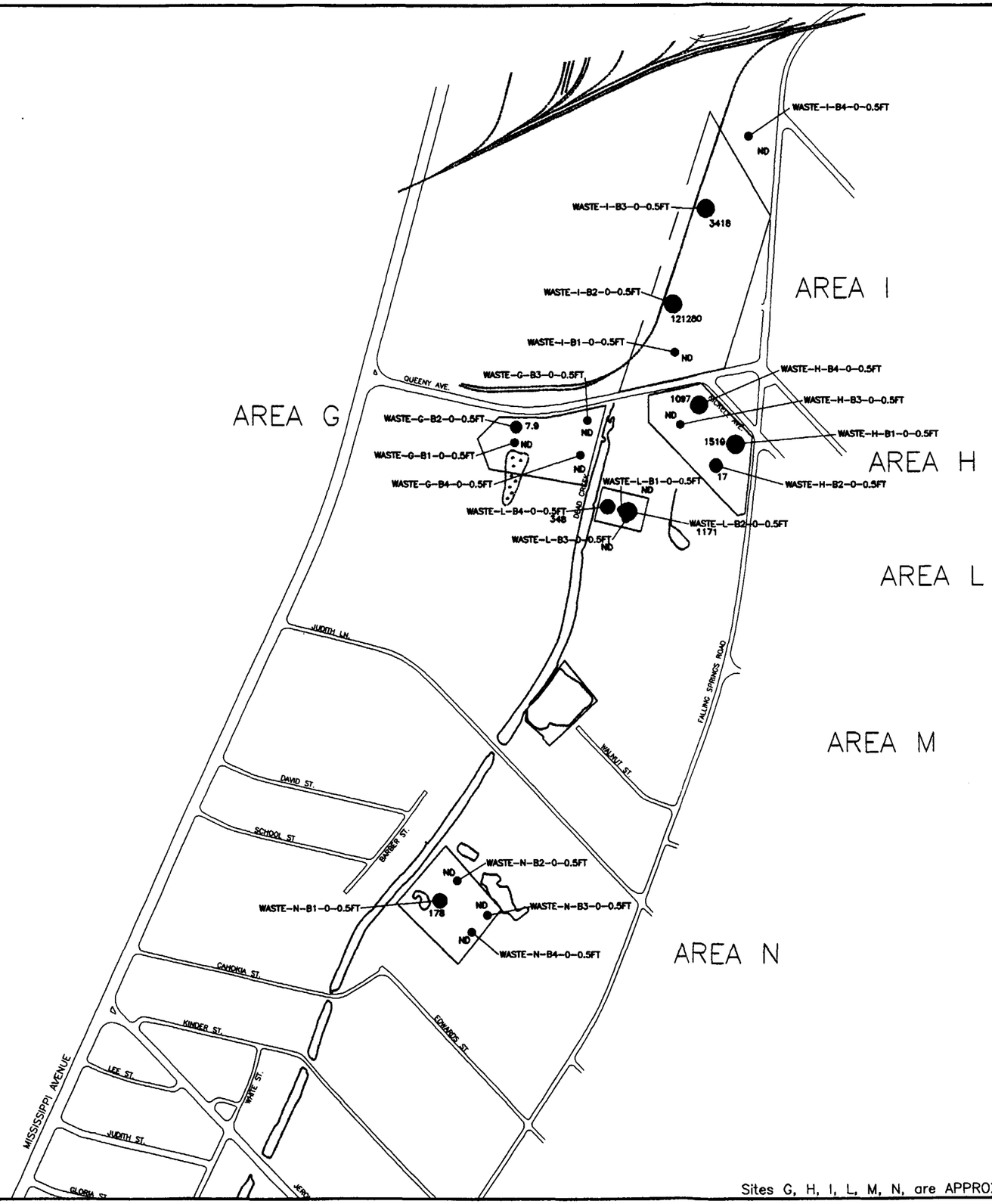
WASTE
DISCRETE SURFACE
(0–0.5 ft.)
TOTAL SVOAs

300 0 300
SCALE IN FEET

FILE NO. 25501.WDIS.B
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 3



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LEGEND

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- • 1 – 10
- • 10 – 100
- • 100 – 1000
- • > 1000

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SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

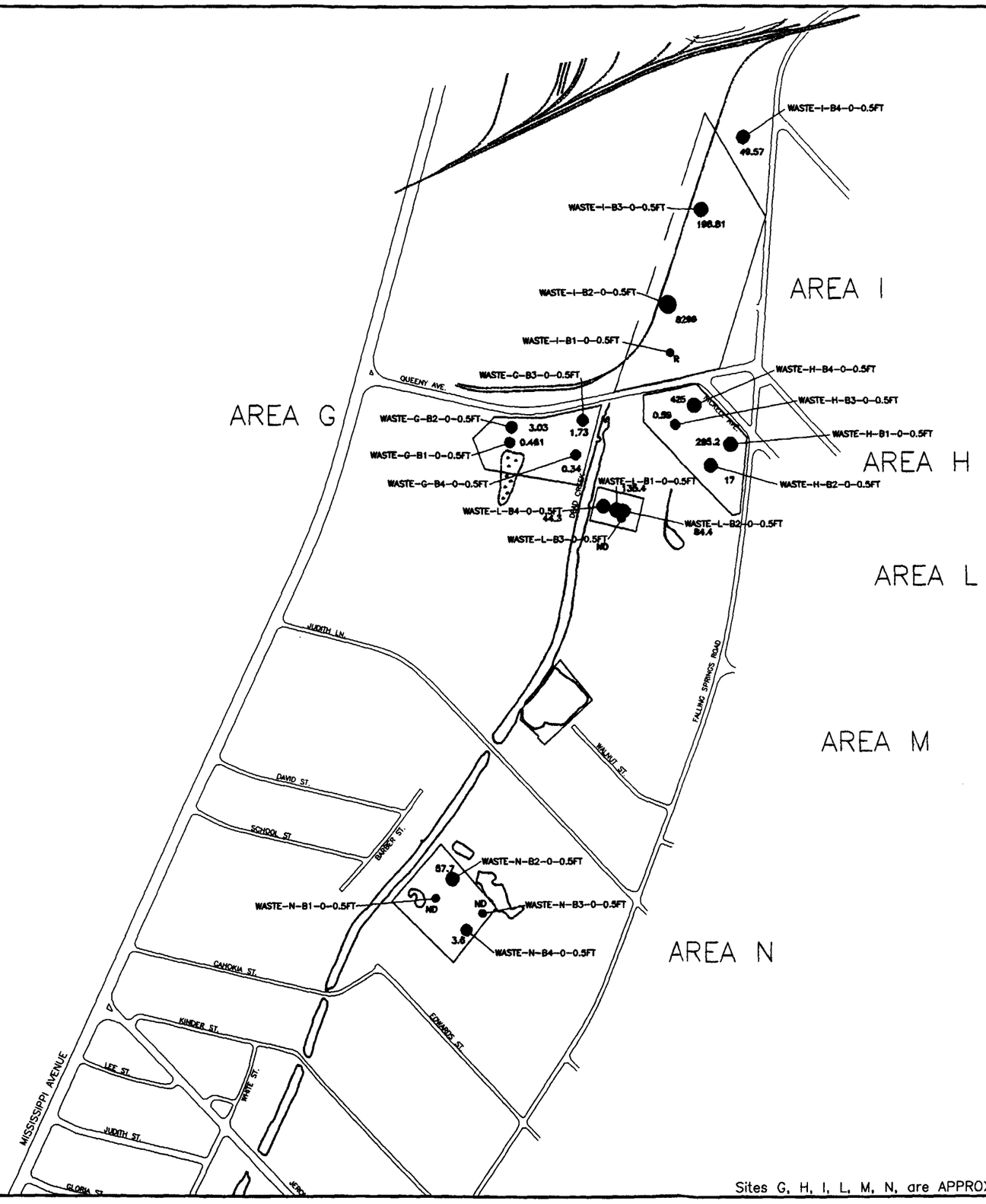
WASTE
DISCRETE SURFACE
(0–0.5 ft.)
TOTAL PCBs

300 0 300
SCALE IN FEET

FILE NO. 25501.WDIS.C
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 4



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LEGEND

- • NOT DETECTED
- ● < 1
- ● 1 – 10
- ● 10 – 100
- ● 100 – 1000
- ● > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

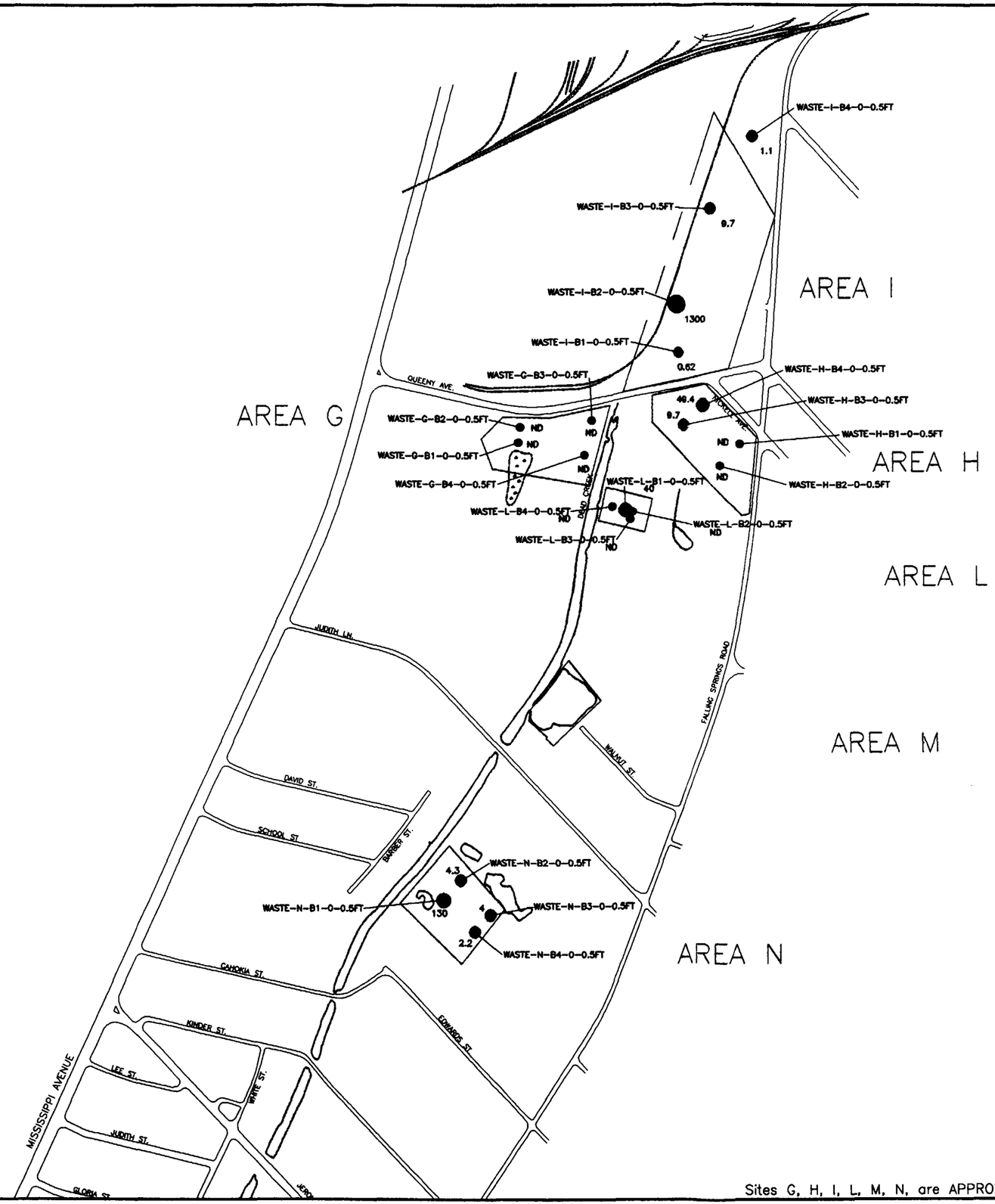
WASTE
DISCRETE SURFACE
(0–0.5 ft.)
TOTAL PESTICIDES

300 0 300
SCALE IN FEET

FILE NO. 25501.WDIS.D
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 5



Sites G, H, I, L, M, N, are APPROXIMATE boundaries based on aerial photo review.

LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

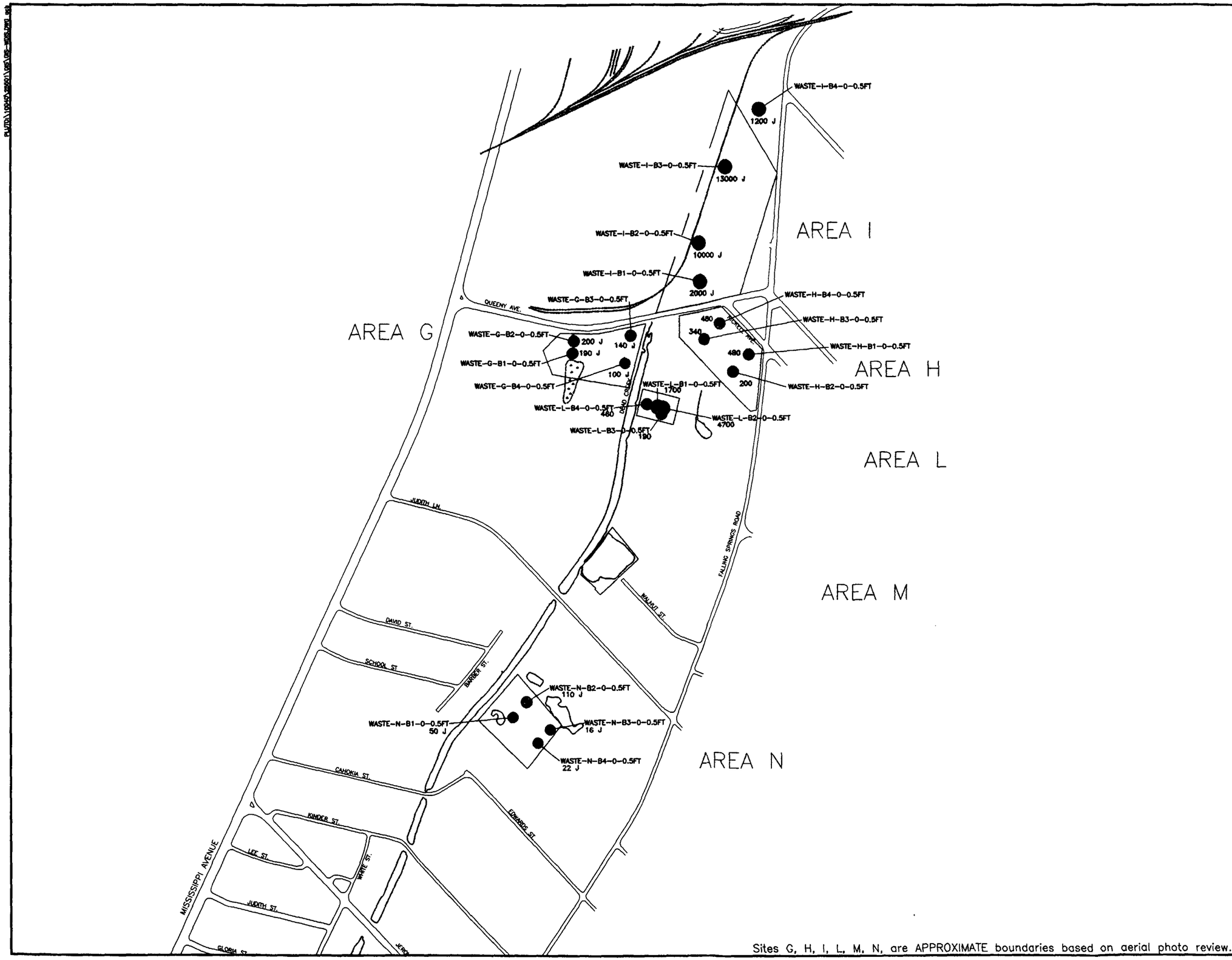
WASTE
DISCRETE SURFACE
(0–0.5 ft.)
TOTAL HERBICIDES

300 0 300
SCALE IN FEET

FILE NO. 25501.WDIS.E
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 6



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LEGEND

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SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

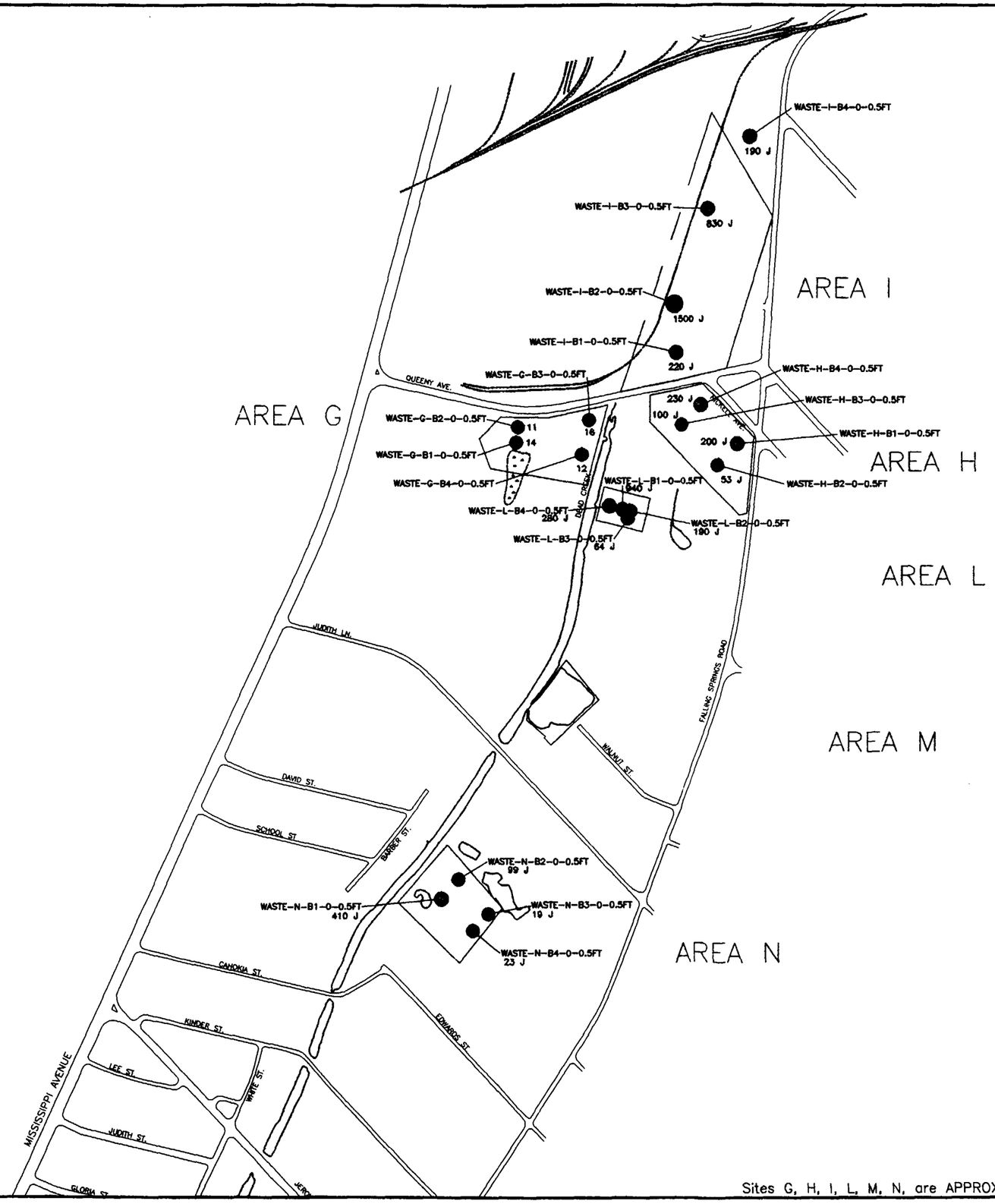
WASTE
DISCRETE SURFACE
(0–0.5 ft.)
COPPER

300 0 300
SCALE IN FEET

FILE NO. 25501.WDIS.F
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 7



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LEGEND

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- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

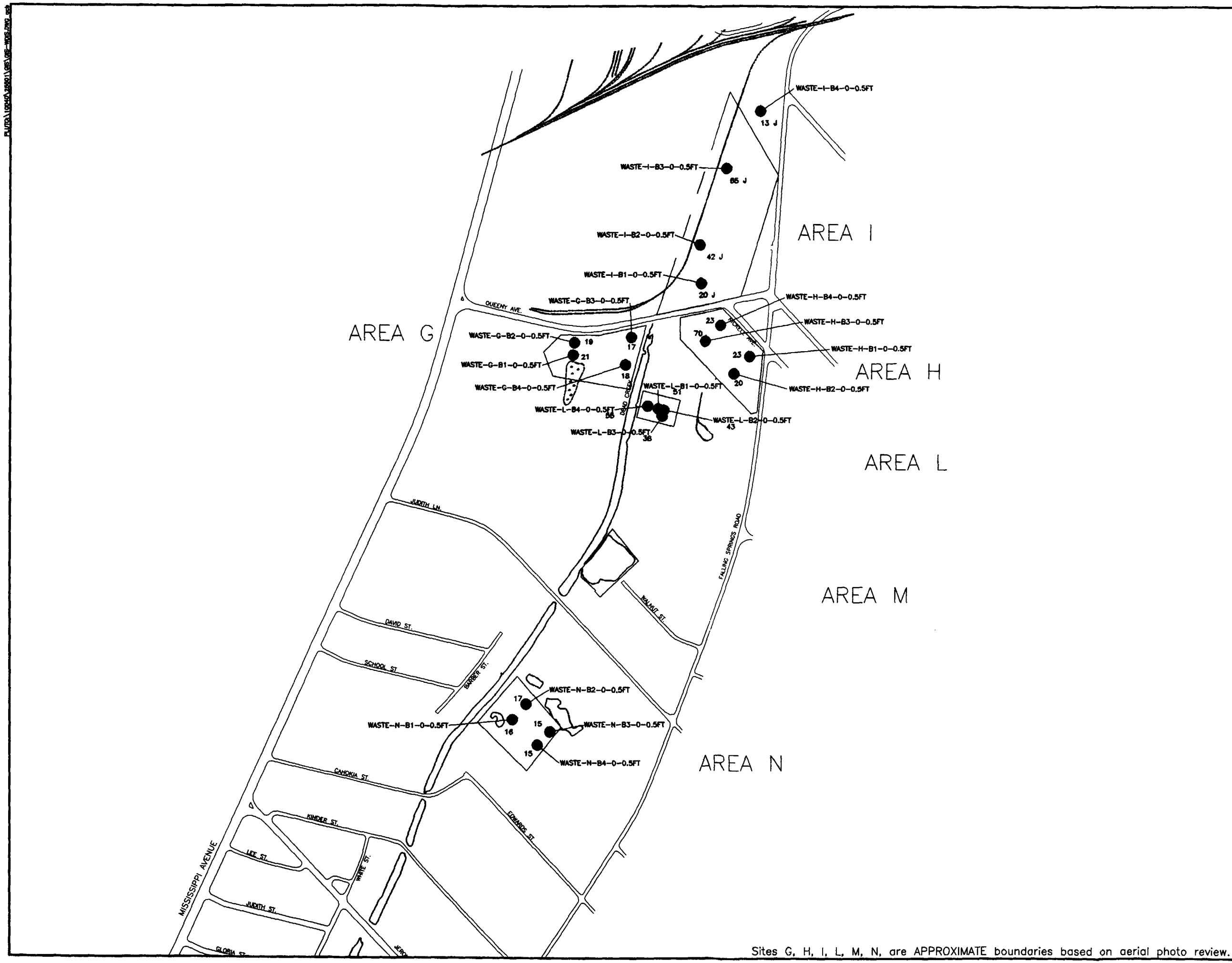
WASTE
DISCRETE SUFACE
(0–0.5 ft.)
LEAD

300 0 300
SCALE IN FEET

FILE NO. 25501.WDIS.G
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 8



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LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

WASTE
DISCRETE SURFACE
(0–0.5 ft.)
NICKEL

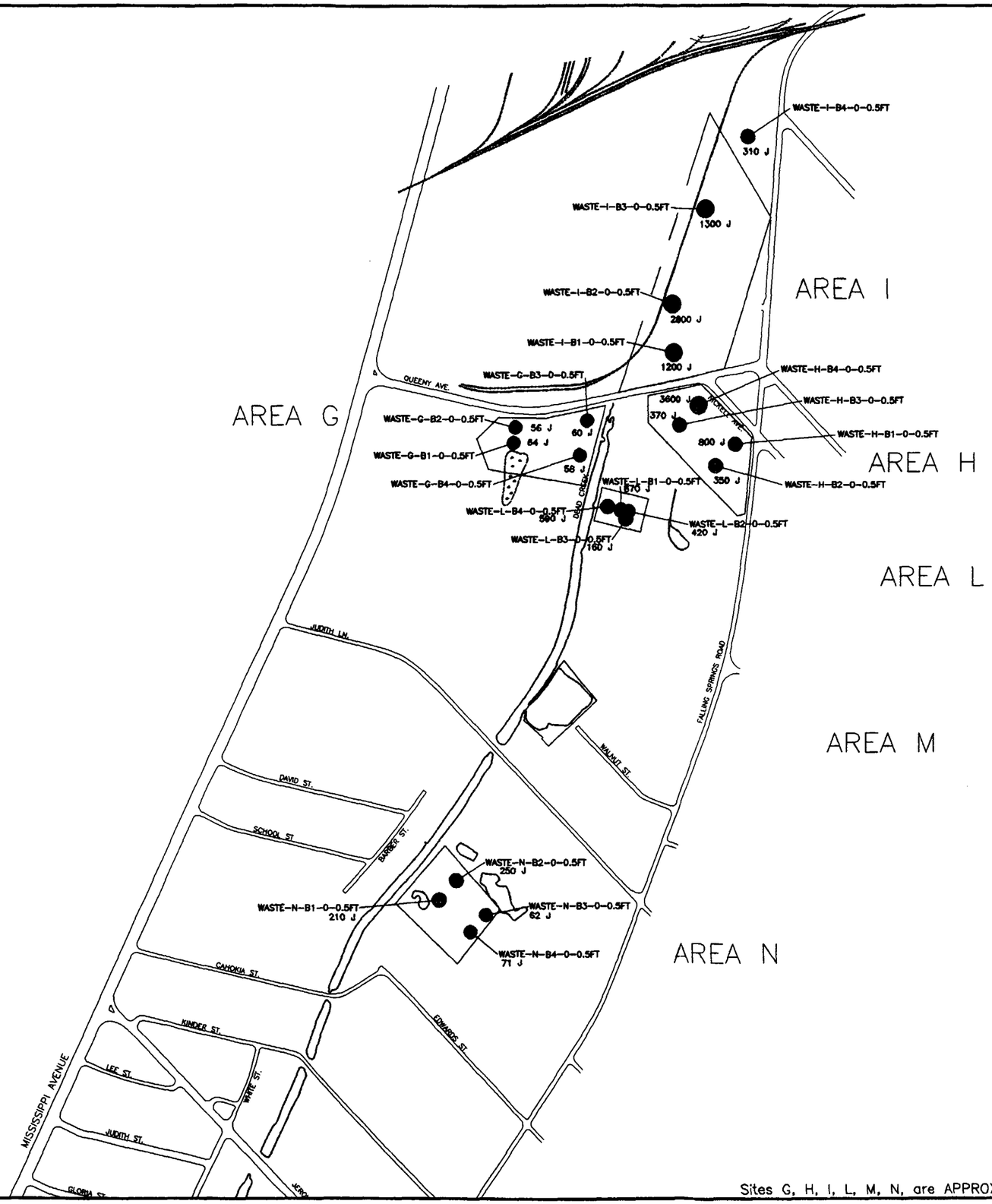
300 0 300
SCALE IN FEET

FILE NO. 25501.WDIS.H
July 2000

O'BRIEN & GERE ENGINEERS, INC.

cl

FIGURE 9



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LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

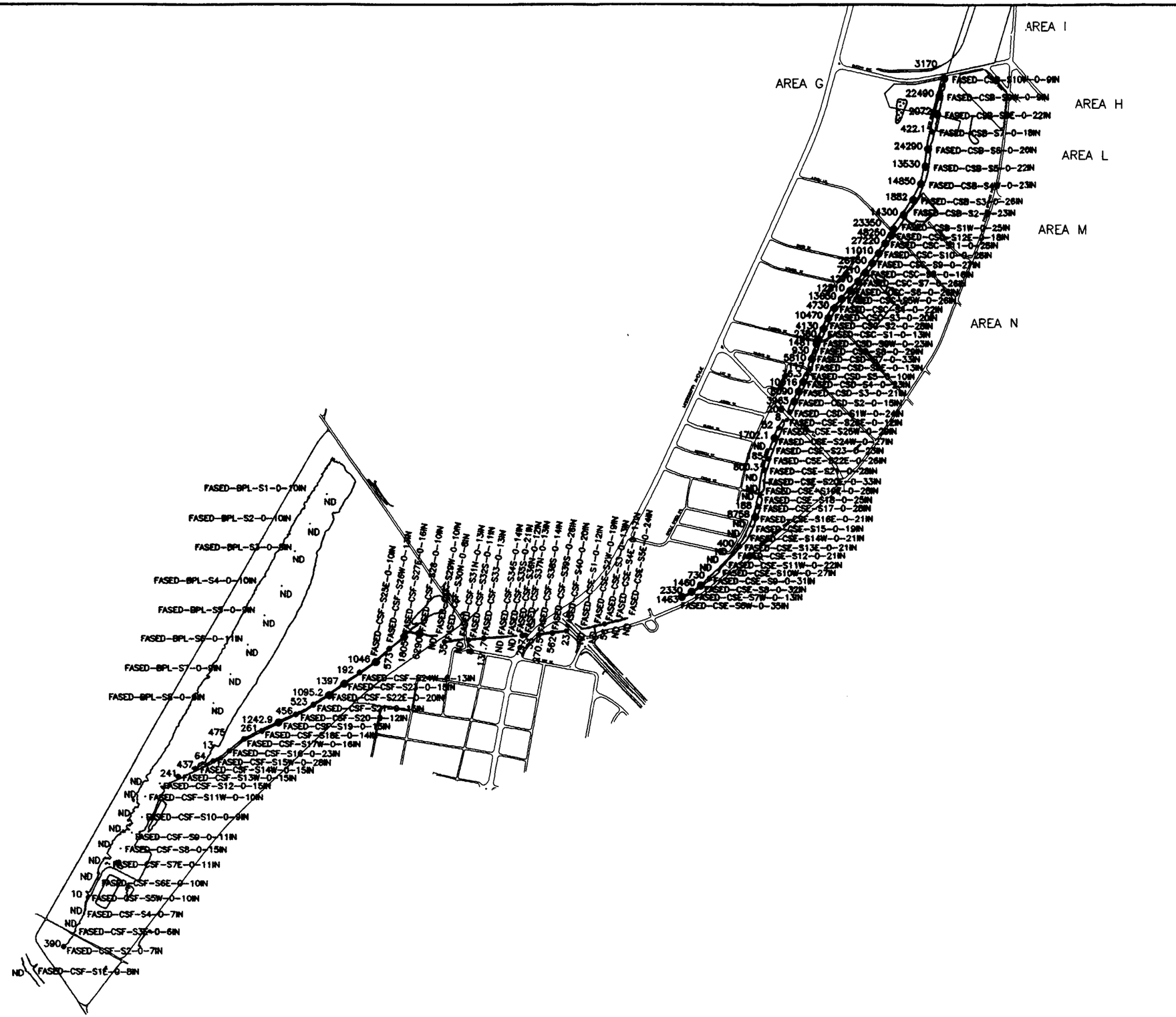
SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

WASTE
DISCRETE SURFACE
(0–0.5 ft.)
ZINC

300 0 300
SCALE IN FEET

FILE NO. 25501.WDIS.I
July 2000

O'BRIEN & GERE ENGINEERS, INC.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AREA G
AREA H
AREA L
AREA M
AREA N
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422.1
24290
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4300
23350
48250
27220
11010
26750
7740
1970
12810
13650
4730
10470
4130
2380
1491
930
5810
1113
46.3
10916
6090
5683
702
8
82
1702.1
ND
854
800.3
ND
ND
ND
188
8758
ND
400
ND
ND
730
1460
2330
1463
FASED-BPL-S1-0-10IN
FASED-BPL-S2-0-10IN
FASED-BPL-S3-0-8IN
FASED-BPL-S4-0-10IN
FASED-BPL-S5-0-9IN
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FASED-BPL-S7-0-9IN
FASED-BPL-S8-0-8IN
1046
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1397
1095.2
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456
1242.9
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475
13
64
437
241
10
390
FASED-CSF-S1E-0-8IN
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FASED-CSF-S4-0-7IN
FASED-CSF-S5W-0-10IN
FASED-CSF-S6E-0-10IN
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FASED-CSF-S9-0-11IN
FASED-CSF-S10-0-9IN
FASED-CSF-S11W-0-10IN
FASED-CSF-S12-0-15IN
FASED-CSF-S13W-0-15IN
FASED-CSF-S14W-0-15IN
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FASED-CSF-S19-0-15IN
FASED-CSF-S20-0-12IN
FASED-CSF-S22E-0-20IN
FASED-CSF-S24W-0-13IN
FASED-CSF-S21-0-15IN
FASED-CSF-S23E-0-10IN
FASED-CSF-S26W-0-13IN
FASED-CSF-S27E-0-15IN
FASED-CSE-S1-0-12IN
FASED-CSE-S2-0-19IN
FASED-CSE-S3-0-13IN
FASED-CSE-S4E-0-12IN
FASED-CSE-S5E-0-24IN
FASED-CSE-S6W-0-35IN
FASED-CSE-S7W-0-13IN
FASED-CSE-S8-0-32IN
FASED-CSE-S9-0-31IN
FASED-CSE-S10W-0-27IN
FASED-CSE-S11W-0-22IN
FASED-CSE-S12-0-21IN
FASED-CSE-S13E-0-21IN
FASED-CSE-S14W-0-21IN
FASED-CSE-S15-0-19IN
FASED-CSE-S16E-0-21IN
FASED-CSE-S17-0-28IN
FASED-CSE-S18-0-25IN
FASED-CSE-S19E-0-26IN
FASED-CSE-S20E-0-33IN
FASED-CSE-S21-0-28IN
FASED-CSE-S22E-0-26IN
FASED-CSE-S23-0-25IN
FASED-CSE-S24W-0-27IN
FASED-CSE-S25W-0-26IN
FASED-CSE-S26E-0-12IN
FASED-CSE-S27E-0-24IN
FASED-CSB-S1W-0-25IN
FASED-CSB-S2-0-23IN
FASED-CSB-S3-0-26IN
FASED-CSB-S4-0-23IN
FASED-CSB-S5-0-22IN
FASED-CSB-S6-0-20IN
FASED-CSB-S7-0-18IN
FASED-CSB-S8E-0-22IN
FASED-CSB-S9W-0-9IN
FASED-CSB-S10W-0-9IN
FASED-CSC-S1-0-13IN
FASED-CSC-S2-0-26IN
FASED-CSC-S3-0-20IN
FASED-CSC-S4-0-22IN
FASED-CSC-S5W-0-26IN
FASED-CSC-S6-0-26IN
FASED-CSC-S7-0-26IN
FASED-CSC-S8-0-16IN
FASED-CSC-S9-0-27IN
FASED-CSC-S10-0-26IN
FASED-CSC-S11-0-25IN
FASED-CSC-S12E-0-18IN
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FASED-CSD-S4-0-23IN
FASED-CSD-S5-0-10IN
FASED-CSD-S6E-0-13IN
FASED-CSD-S7-0-33IN
FASED-CSD-S8-0-23IN
FASED-CSD-S9-0-29IN
FASED-CSD-S10W-0-23IN
FASED-CSD-S11-0-13IN
FASED-CSD-S12-0-28IN
FASED-CSD-S13-0-10IN
FASED-CSD-S14-0-12IN
FASED-CSD-S15-0-12IN
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FASED-CSD-S27-0-12IN
FASED-CSD-S28-0-12IN
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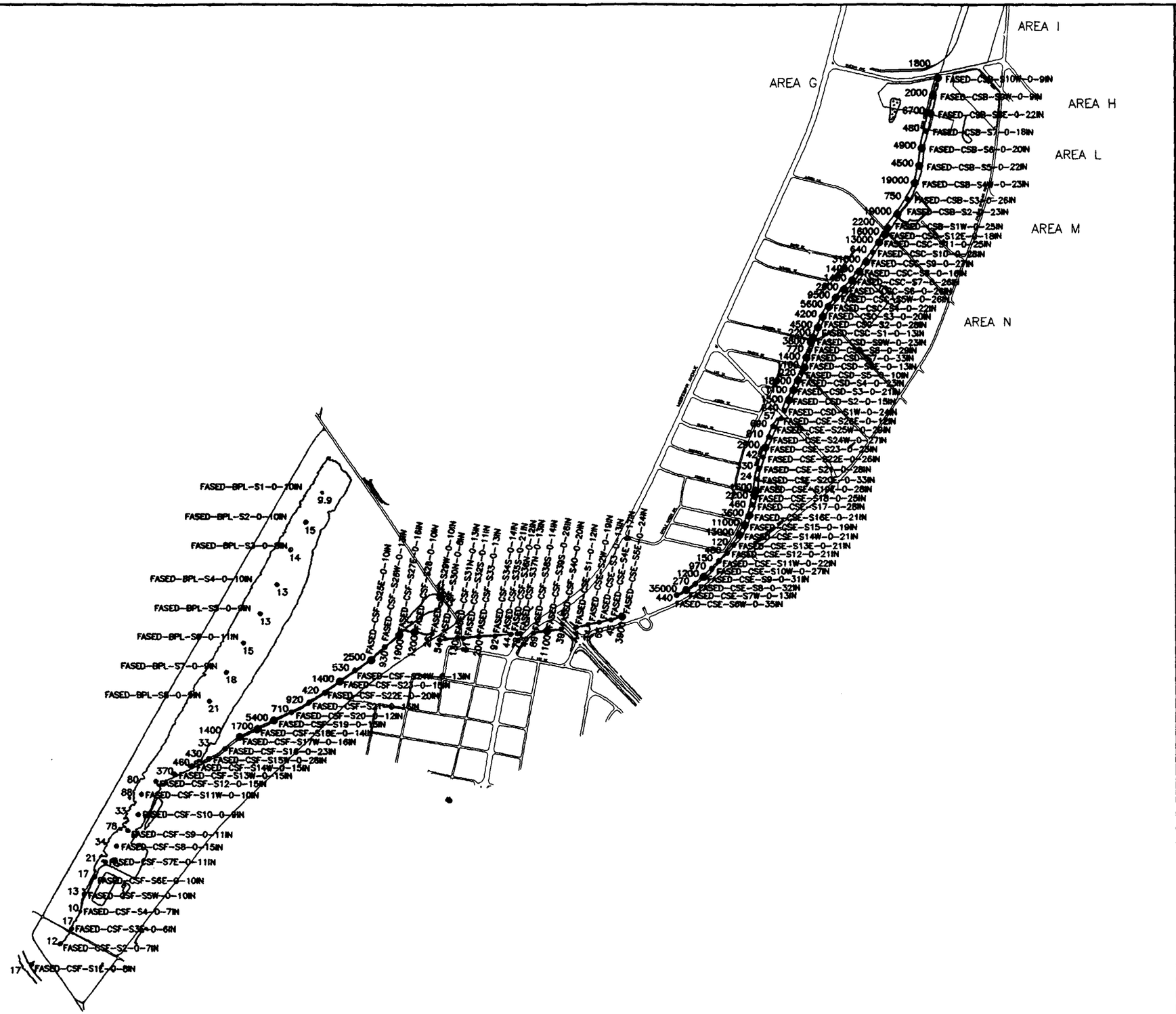


FIGURE 2

LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

INDUSTRY SPECIFIC SEDIMENTS COPPER

600 0 600
SCALE IN FEET

FILE NO. 25501.FASE.B
July 2000

O'BRIEN & GERE ENGINEERS, INC.

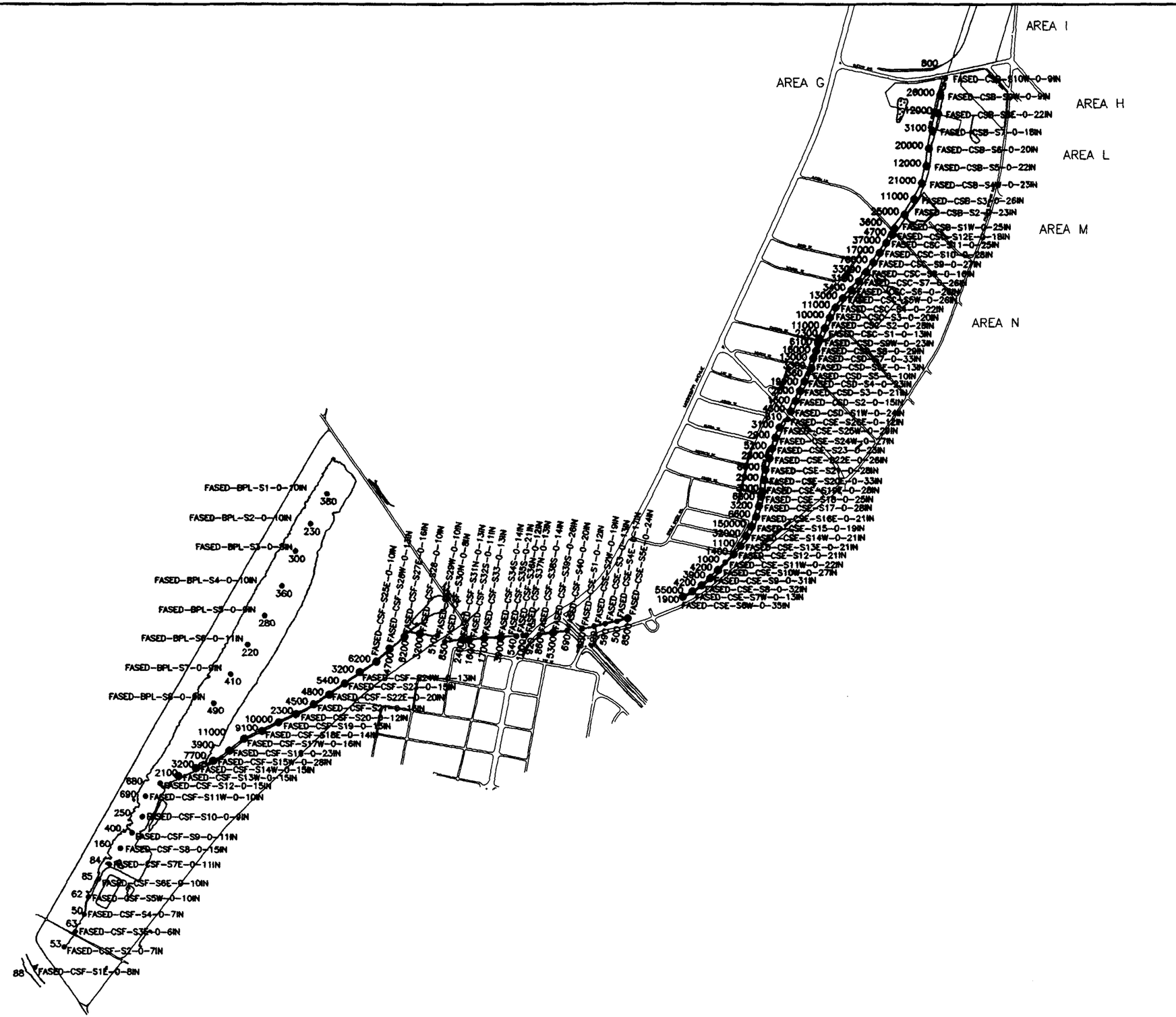


FIGURE 3

LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

INDUSTRY SPECIFIC SEDIMENTS ZINC

600 0 600
SCALE IN FEET

FILE NO. 25501.FASE.C
July 2000

O'BRIEN & GERE ENGINEERS, INC.

17

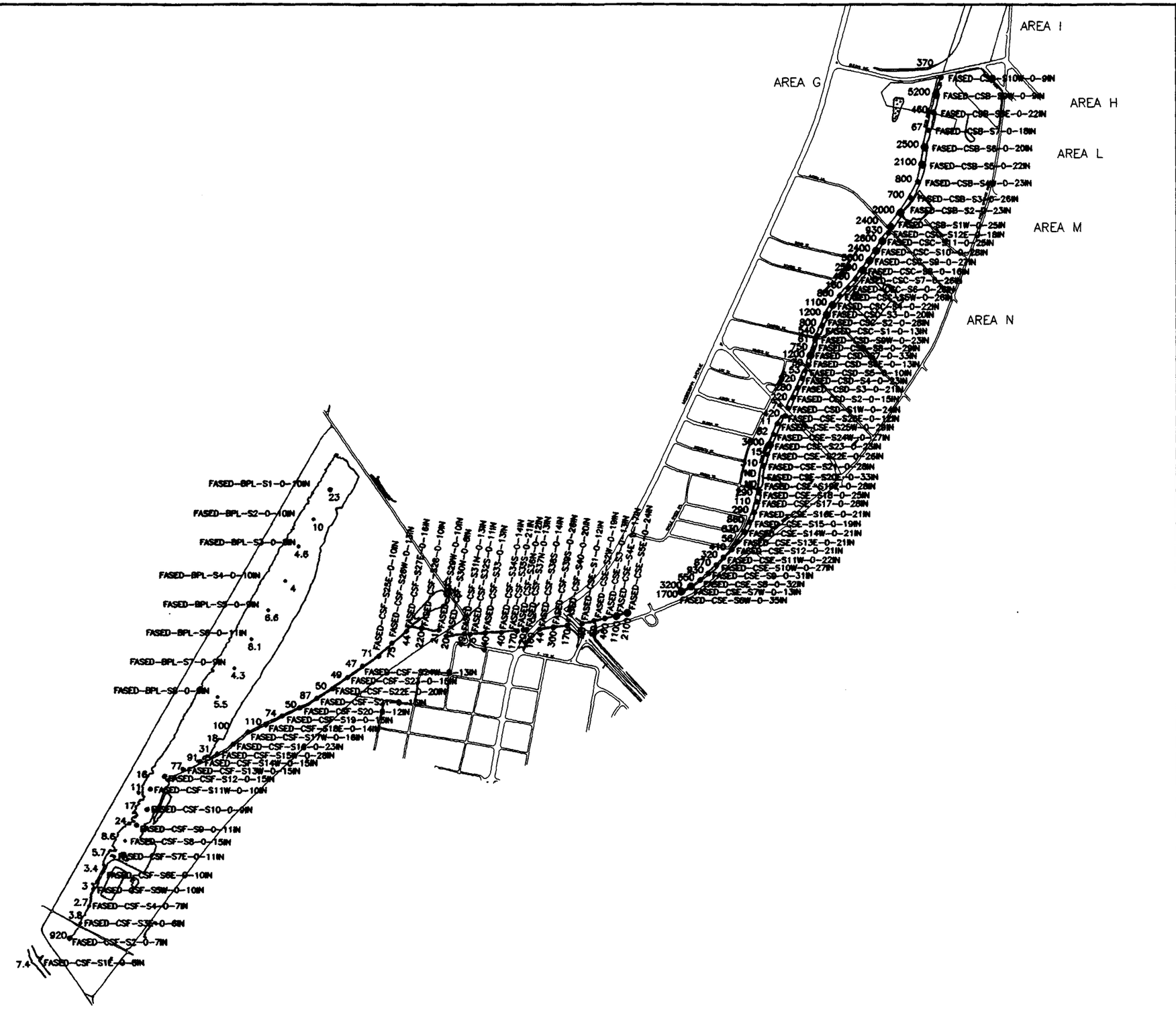


FIGURE 4

LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

INDUSTRY SPECIFIC SEDIMENTS DIESEL RANGE ORGANICS

600 0 600
SCALE IN FEET

FILE NO. 25501.FASE.D
July 2000

O'BRIEN & GERE ENGINEERS, INC.

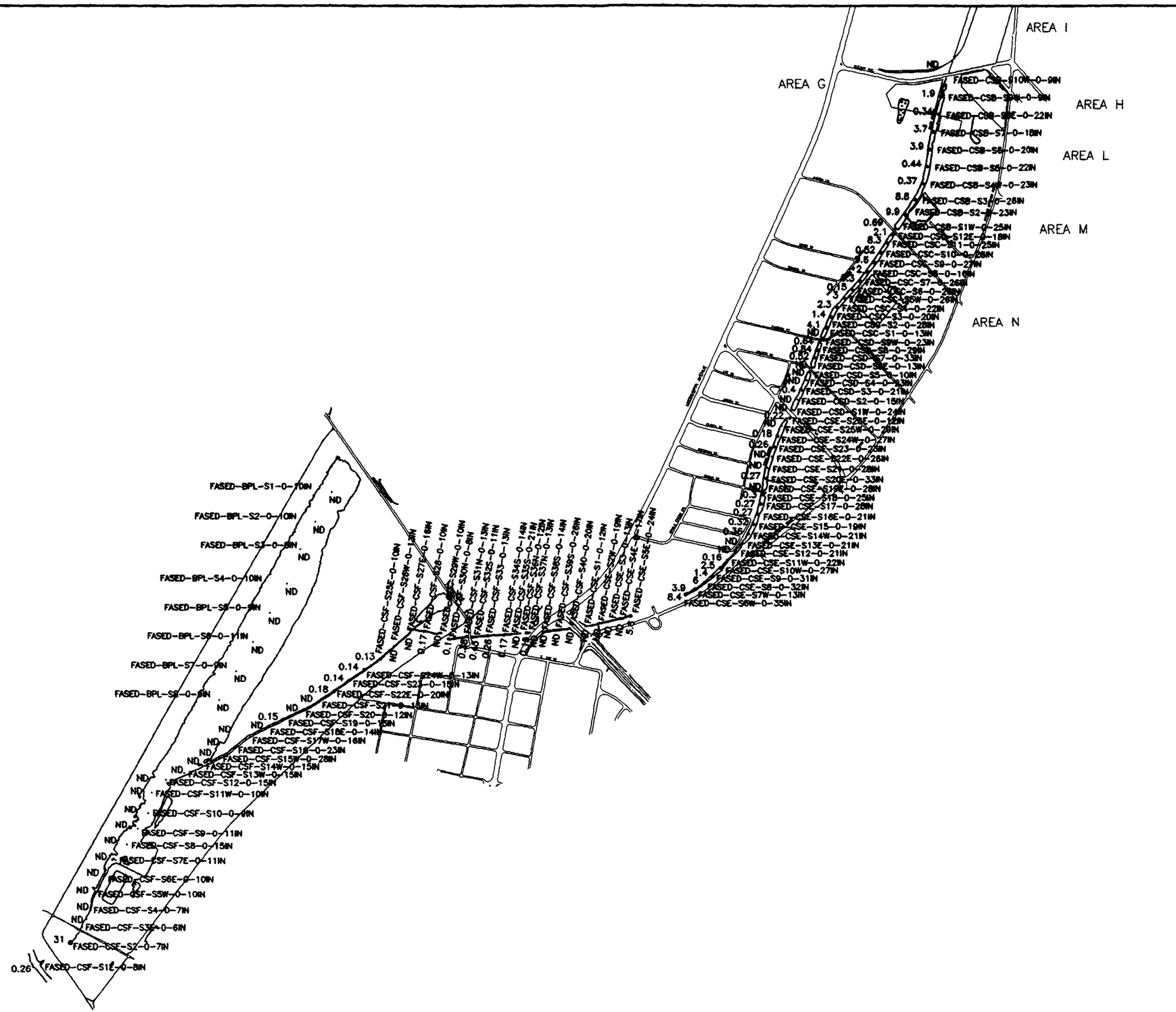


FIGURE 5

LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

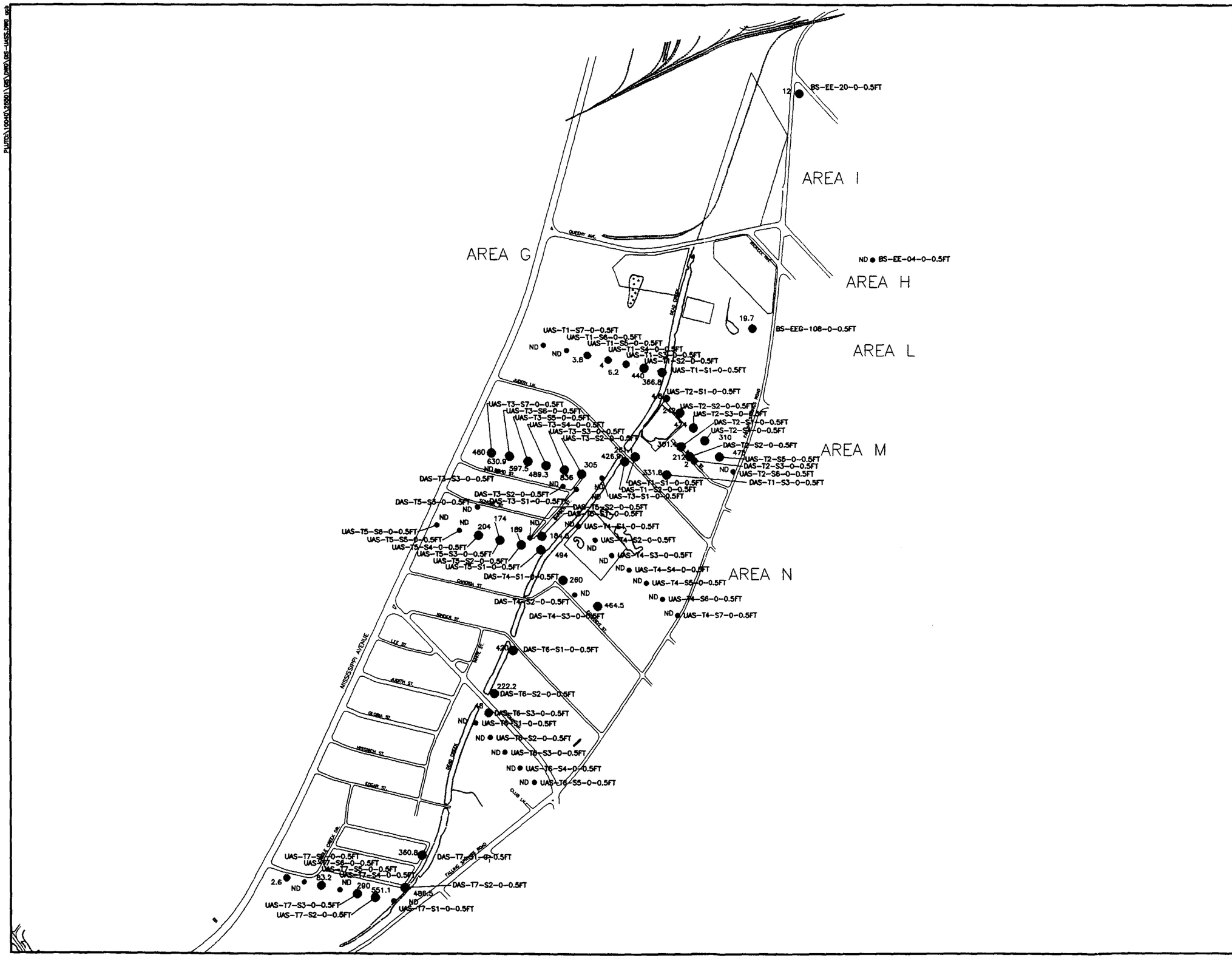
INDUSTRY SPECIFIC SEDIMENTS
GASOLINE RANGE ORGANICS

600 0 600
SCALE IN FEET

FILE NO. 25501.FASE.E
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 1



LEGEND

- • NOT DETECTED
- ● < 1
- ● 1 – 10
- ● 10 – 100
- ● 100 – 1000
- ● > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SURFACE SOIL (0–0.5 ft.)
TOTAL VOAs

400 0 400
SCALE IN FEET

FILE NO. 25501.UASS.A
July 2000

O'BRIEN & GERE ENGINEERS, INC.

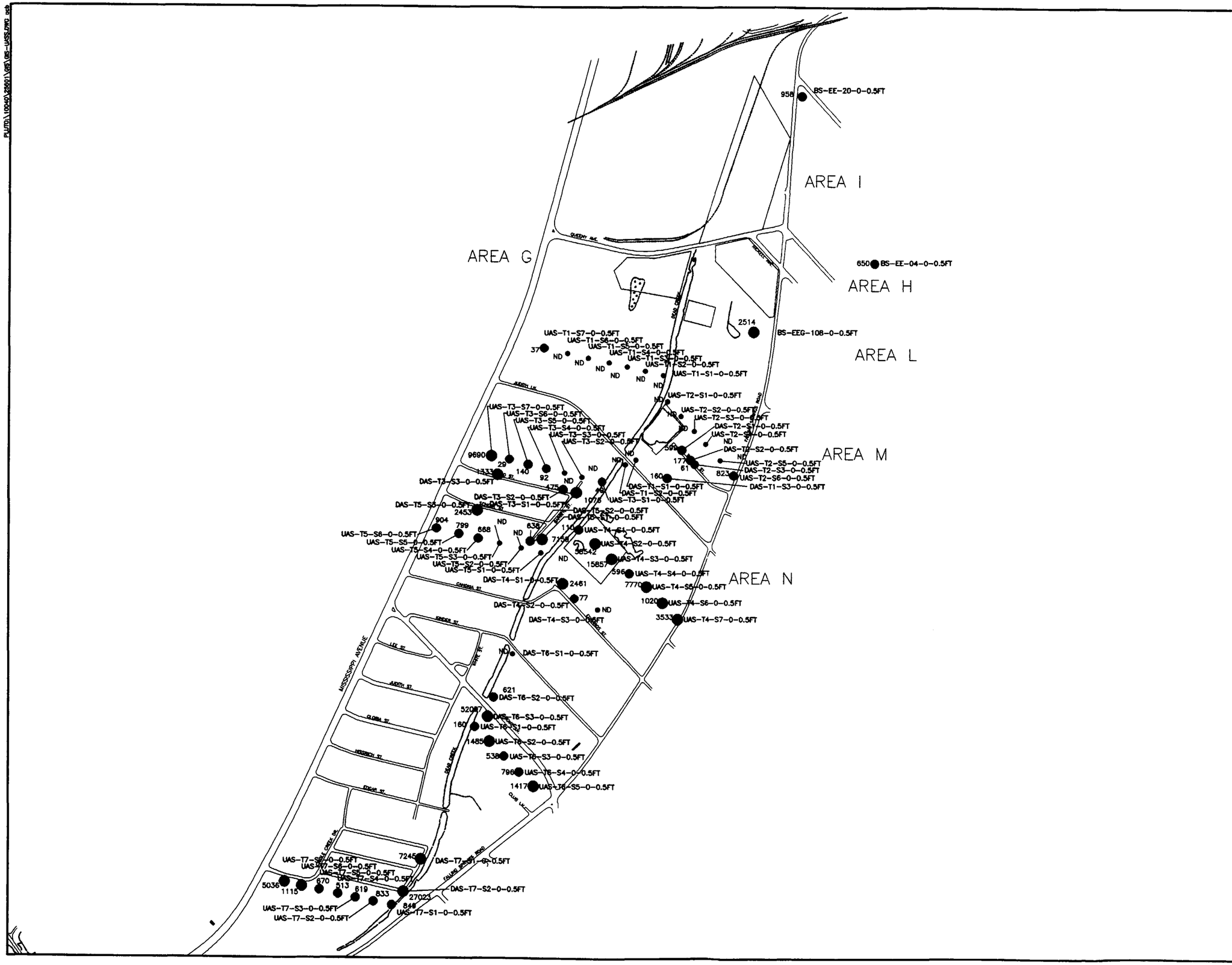


FIGURE 2

LEGEND

- • NOT DETECTED
- ● < 1
- ● 1 – 10
- ● 10 – 100
- ● 100 – 1000
- ● > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SURFACE SOIL (0–0.5 ft.)
TOTAL SVOAs

400 0 400
SCALE IN FEET

FILE NO. 25501.UASS.B
June 2000

O'BRIEN & GERE ENGINEERS, INC.

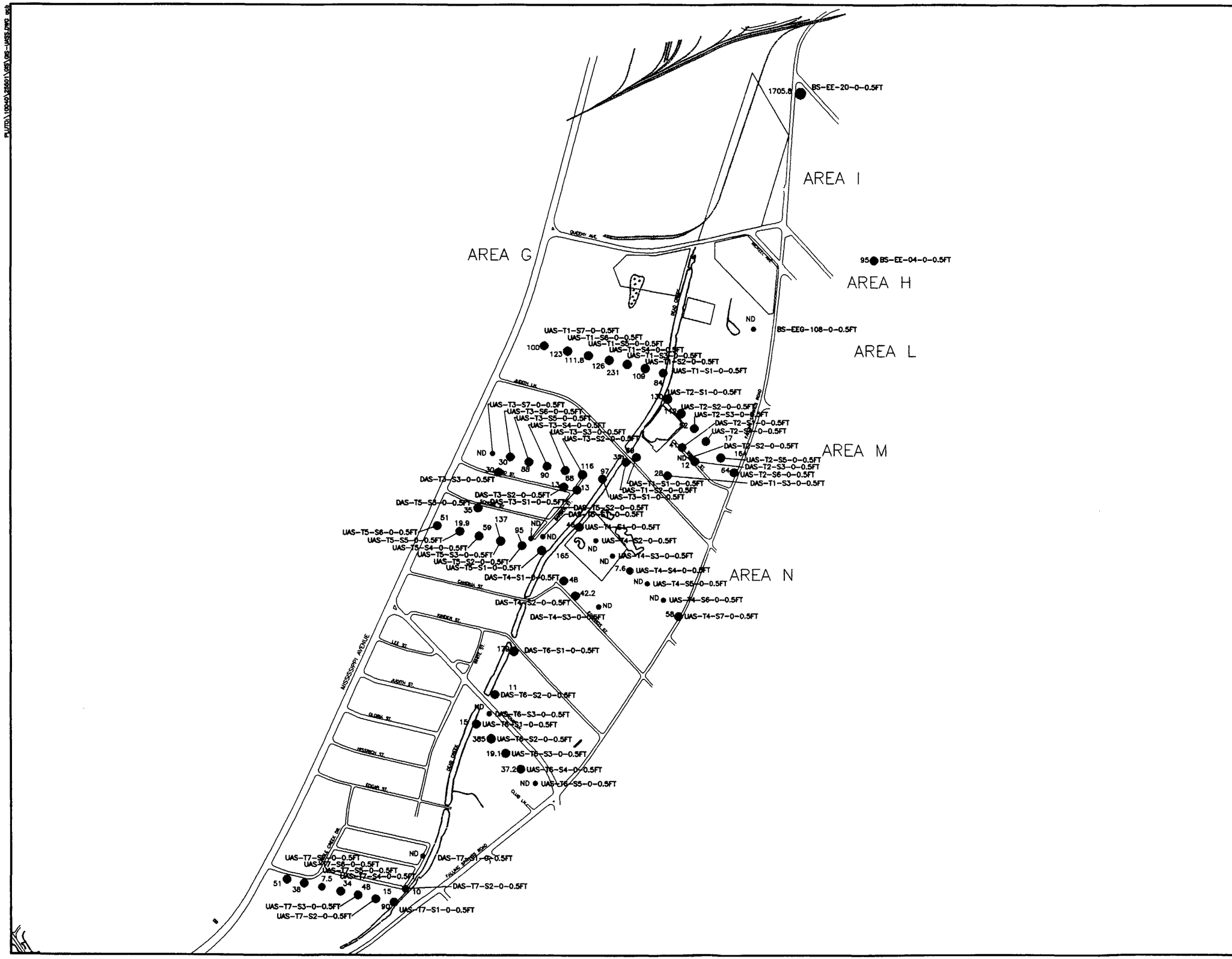


FIGURE 3

LEGEND

- • NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

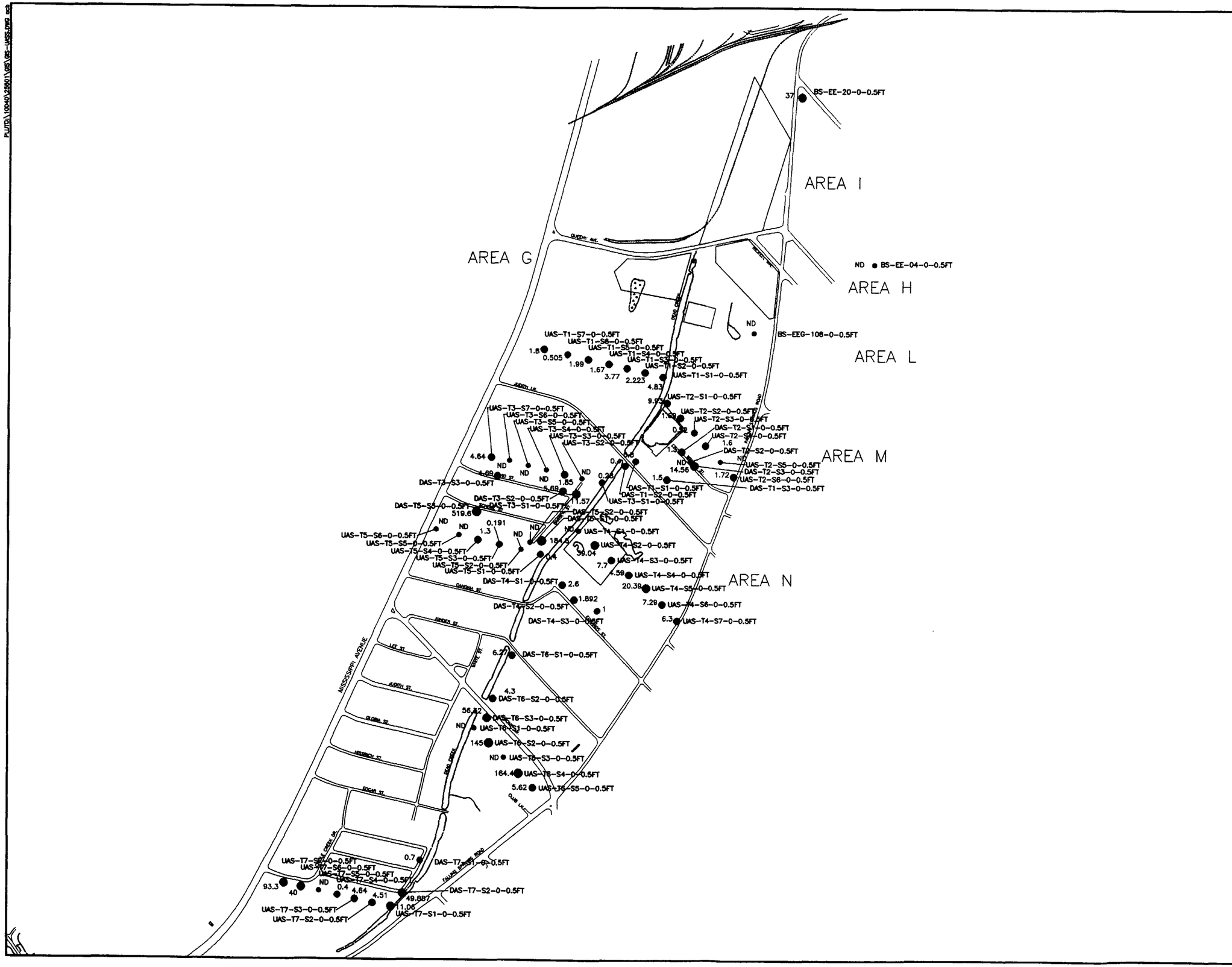
DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SURFACE SOIL (0–0.5 ft.)
TOTAL PCBs

400 0 400
SCALE IN FEET

FILE NO. 25501.UASS.C
June 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 4



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SURFACE SOIL (0–0.5 ft.)
TOTAL PESTICIDES

400 0 400
SCALE IN FEET

FILE NO. 25501.UASS.D
June 2000

O'BRIEN & GERE ENGINEERS, INC.

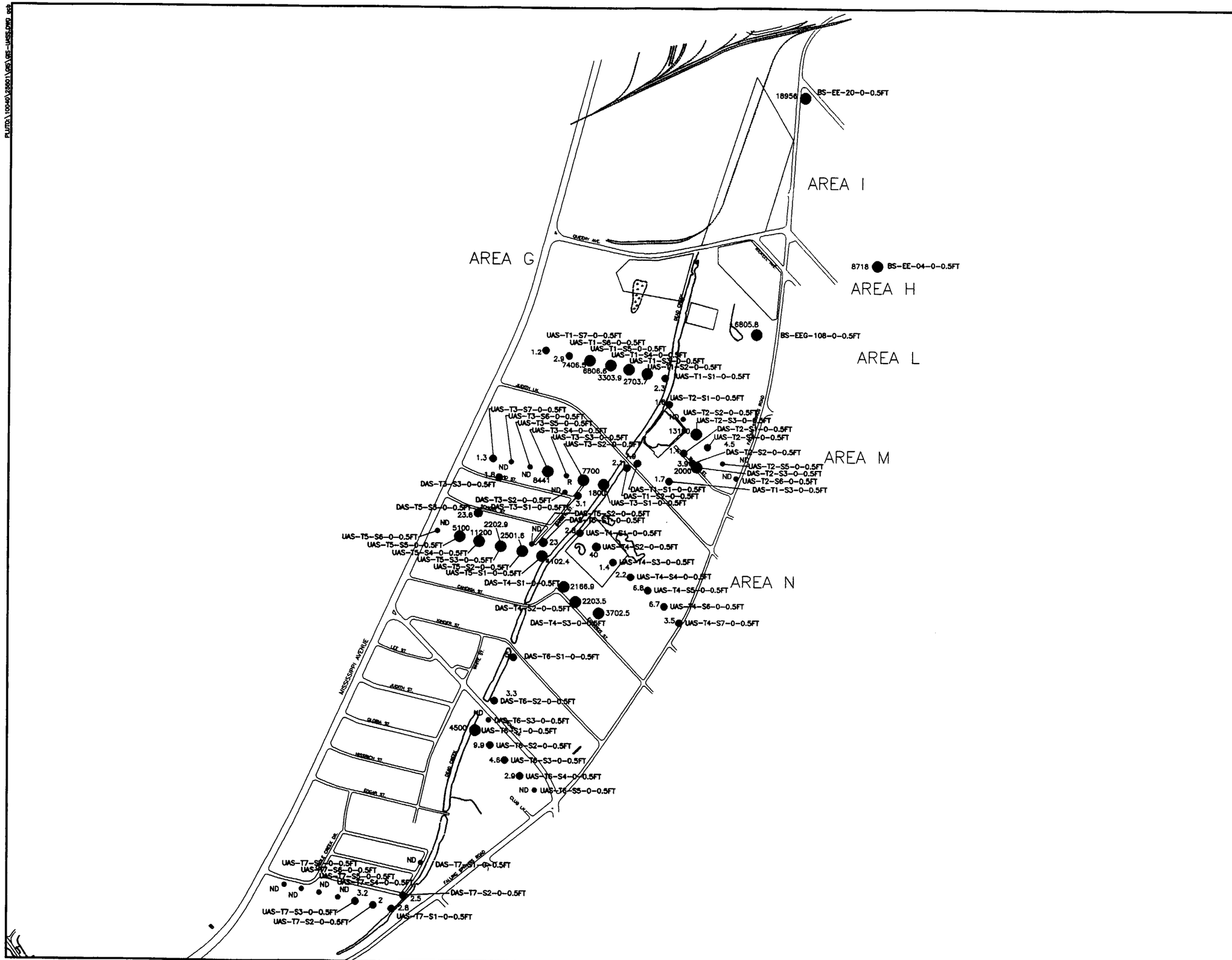


FIGURE 5

LEGEND

- • NOT DETECTED
- ● < 1
- ● 1 – 10
- ● 10 – 100
- ● 100 – 1000
- ● > 1000

NOTE: UNITS = ug/Kg

SAMPLE UAS-T3-S3 HERBICIDE RESULTS WERE DETERMINED TO BE UNUSABLE DURING DATA VALIDATION (R)

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SURFACE SOIL (0–0.5 ft.)
TOTAL HERBICIDES

400 0 400
SCALE IN FEET

FILE NO. 25501.UASS.E
June 2000

O'BRIEN & GERE ENGINEERS, INC.

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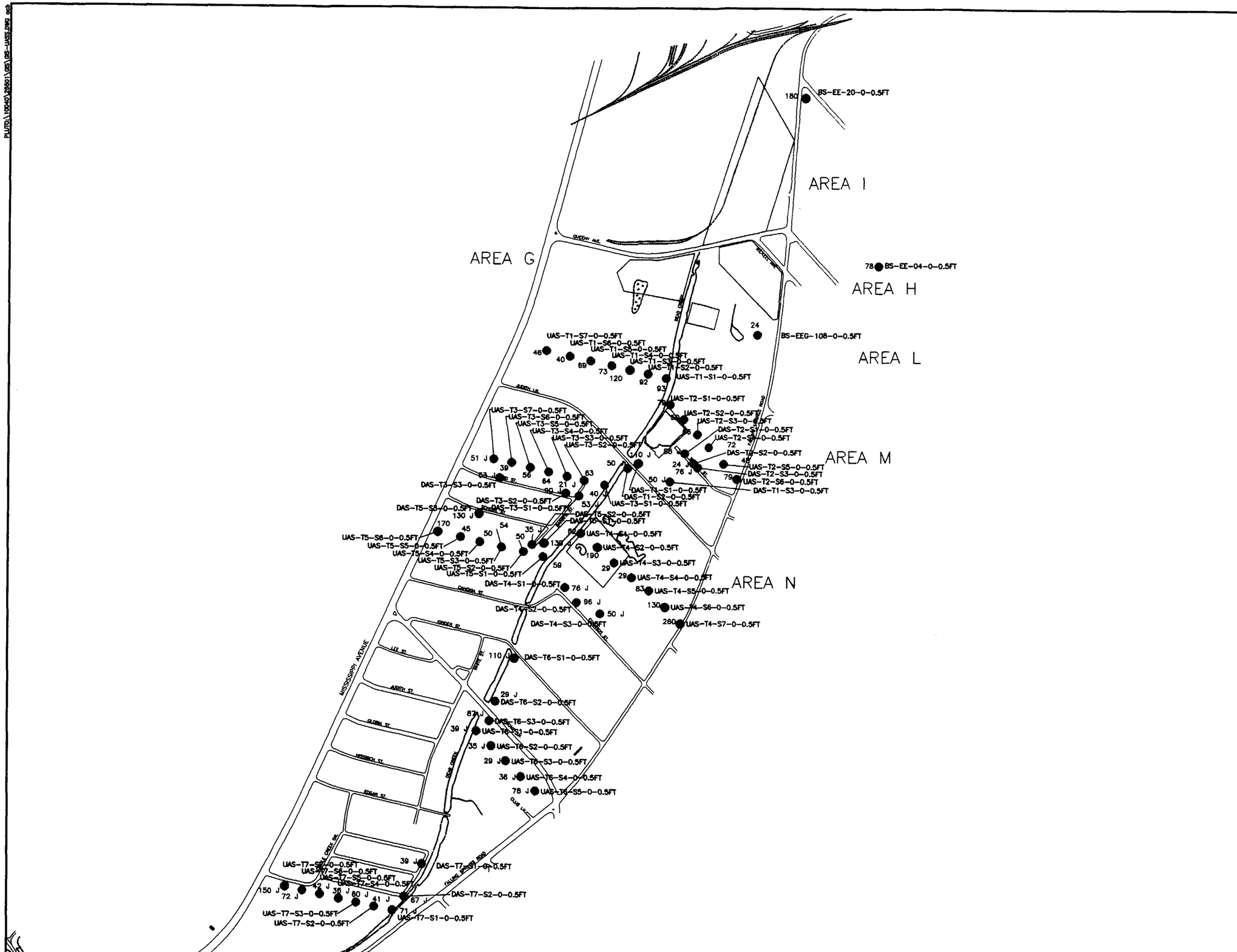


FIGURE 6

LEGEND

- • NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

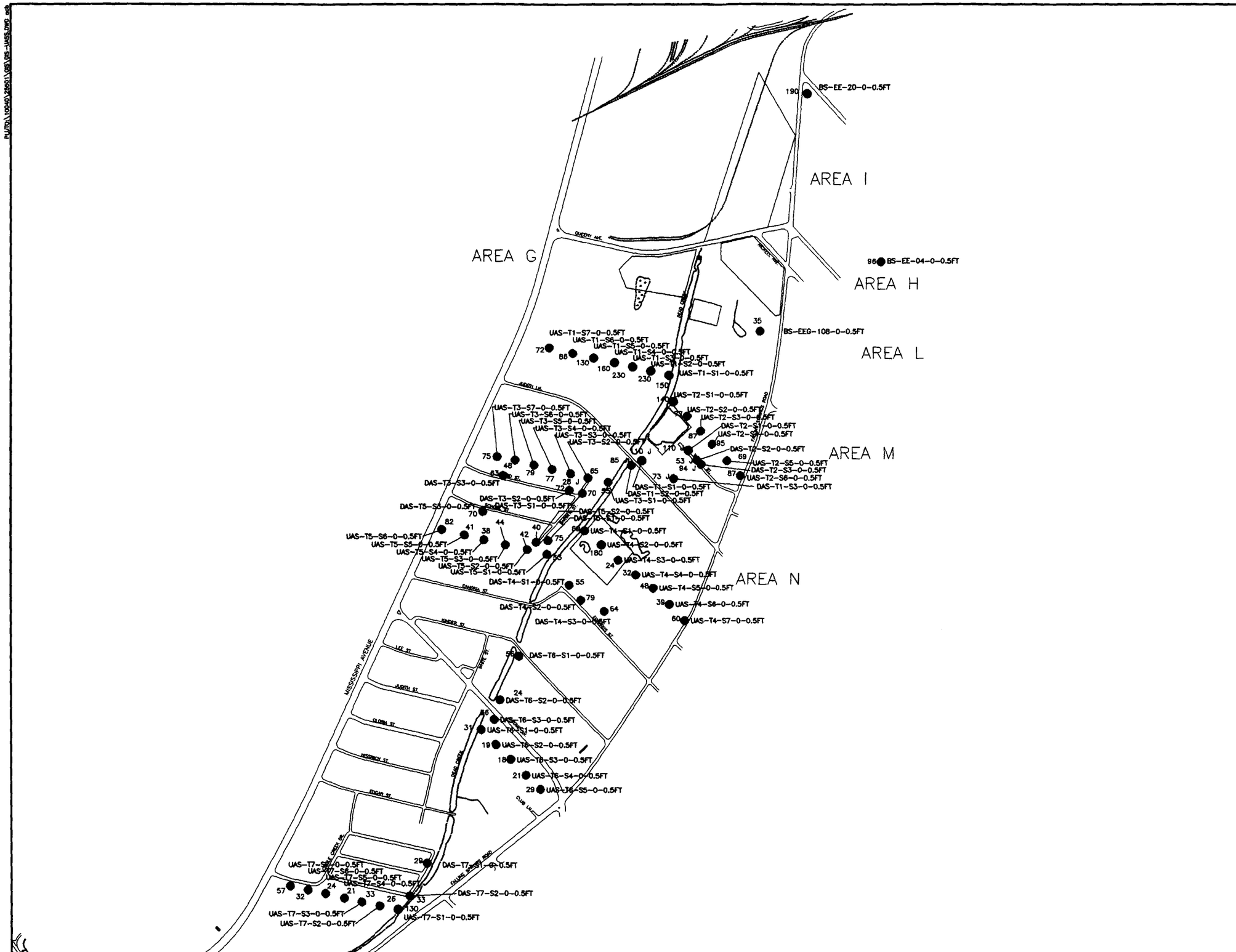
DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SURFACE SOIL (0–0.5 ft.)
LEAD

400 0 400
SCALE IN FEET

FILE NO. 25501.UASS.F
June 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 7



LEGEND

- • NOT DETECTED
- ● < 1
- ● 1 – 10
- ● 10 – 100
- ● 100 – 1000
- ● > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

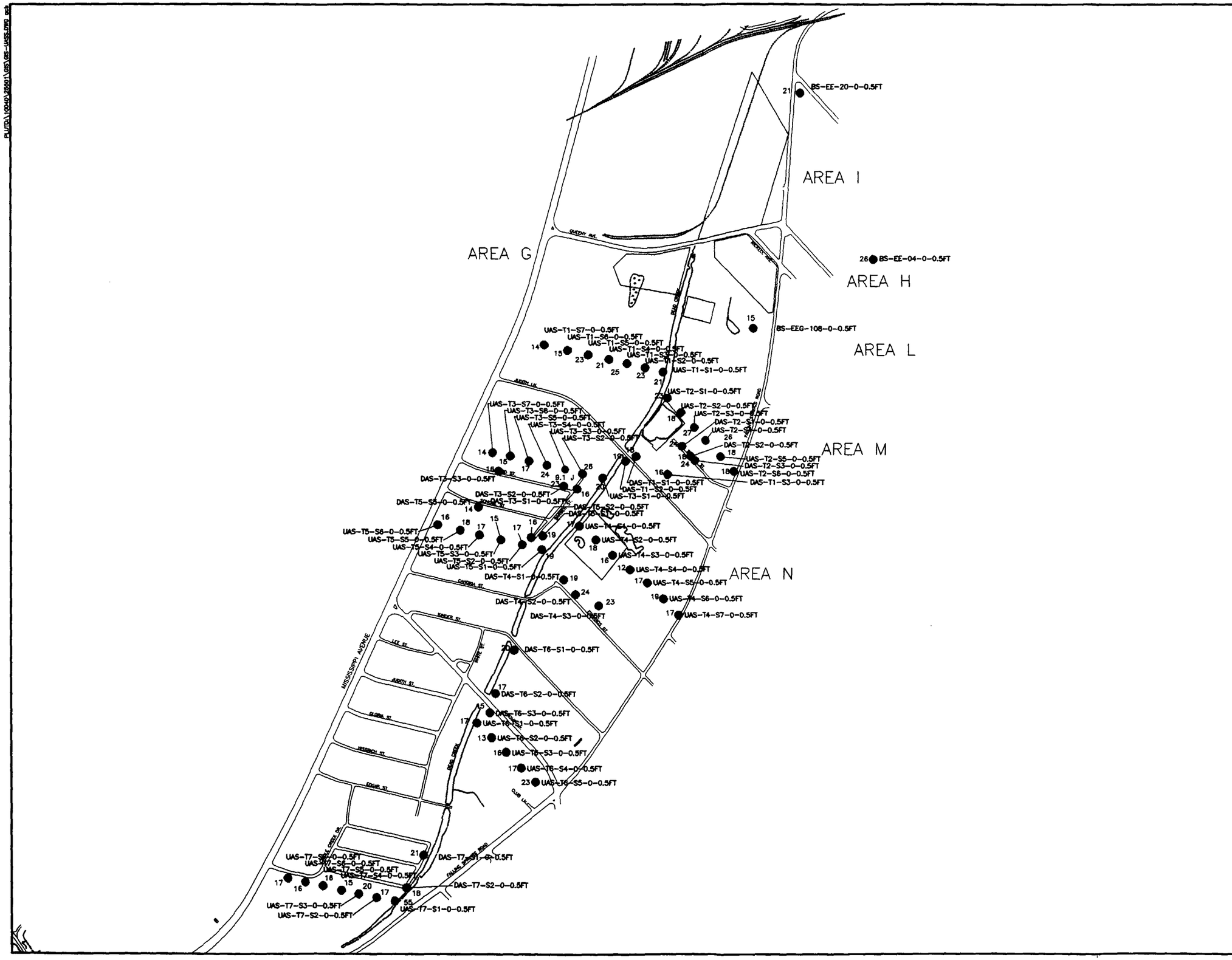
DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SURFACE SOIL (0–0.5 ft.)
COPPER

400 0 400
SCALE IN FEET

FILE NO. 25501.UASS.G
June 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 8



LEGEND

- • NOT DETECTED
- ● < 1
- ● 1 – 10
- ● 10 – 100
- ● 100 – 1000
- ● > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

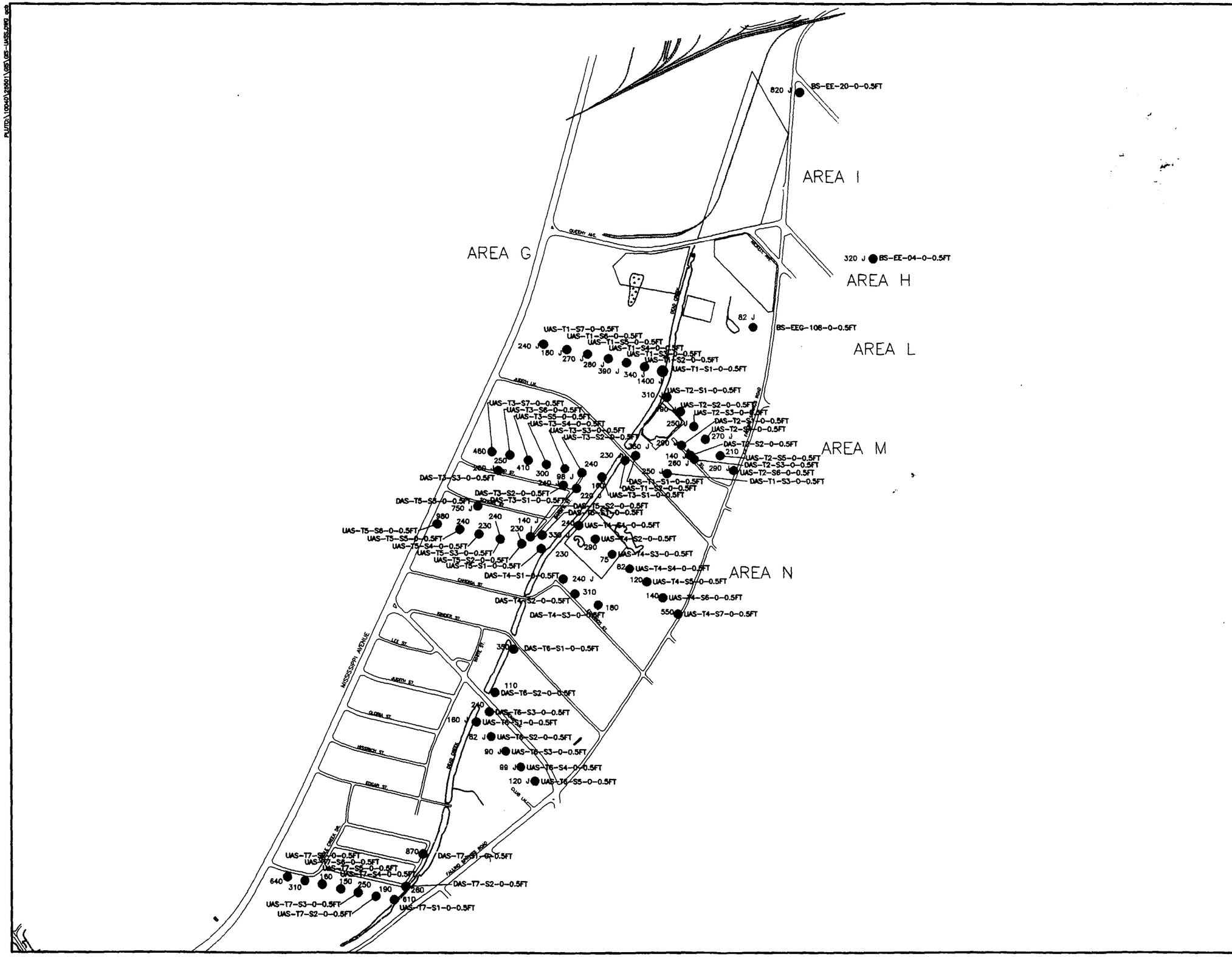
DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SURFACE SOIL (0–0.5 ft.)
NICKEL

400 0 400
SCALE IN FEET

FILE NO. 25501.UASS.H
June 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 9



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

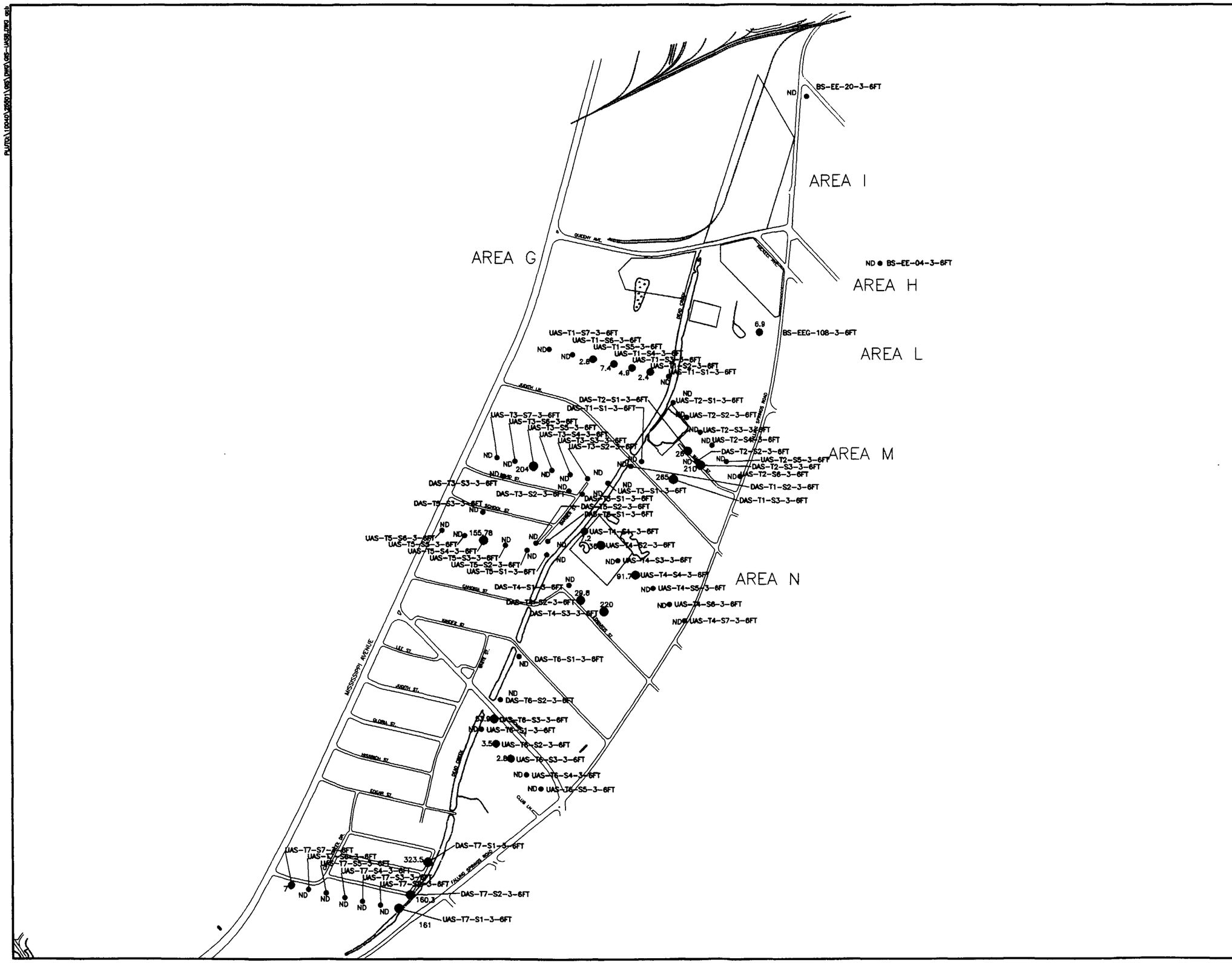
DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SURFACE SOIL (0–0.5 ft.)
ZINC

400 0 400
SCALE IN FEET

FILE NO. 25501.UASS.I
June 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 1



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

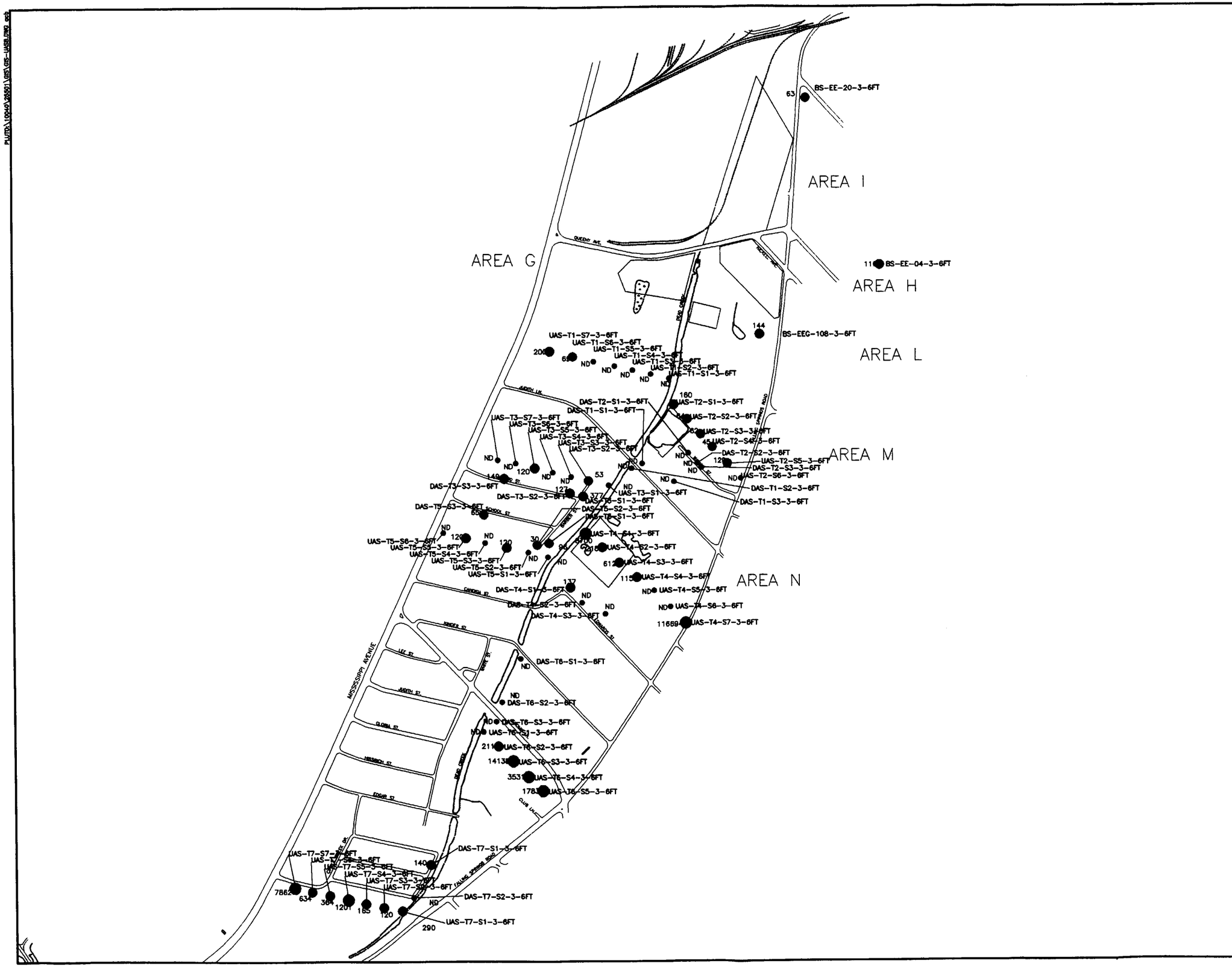
DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SUB-SURBACE SOIL (3–6 ft)
TOTAL VOAs

400 0 400
SCALE IN FEET

FILE NO. 25501.UASB.A
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 2



LEGEND

- ND NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

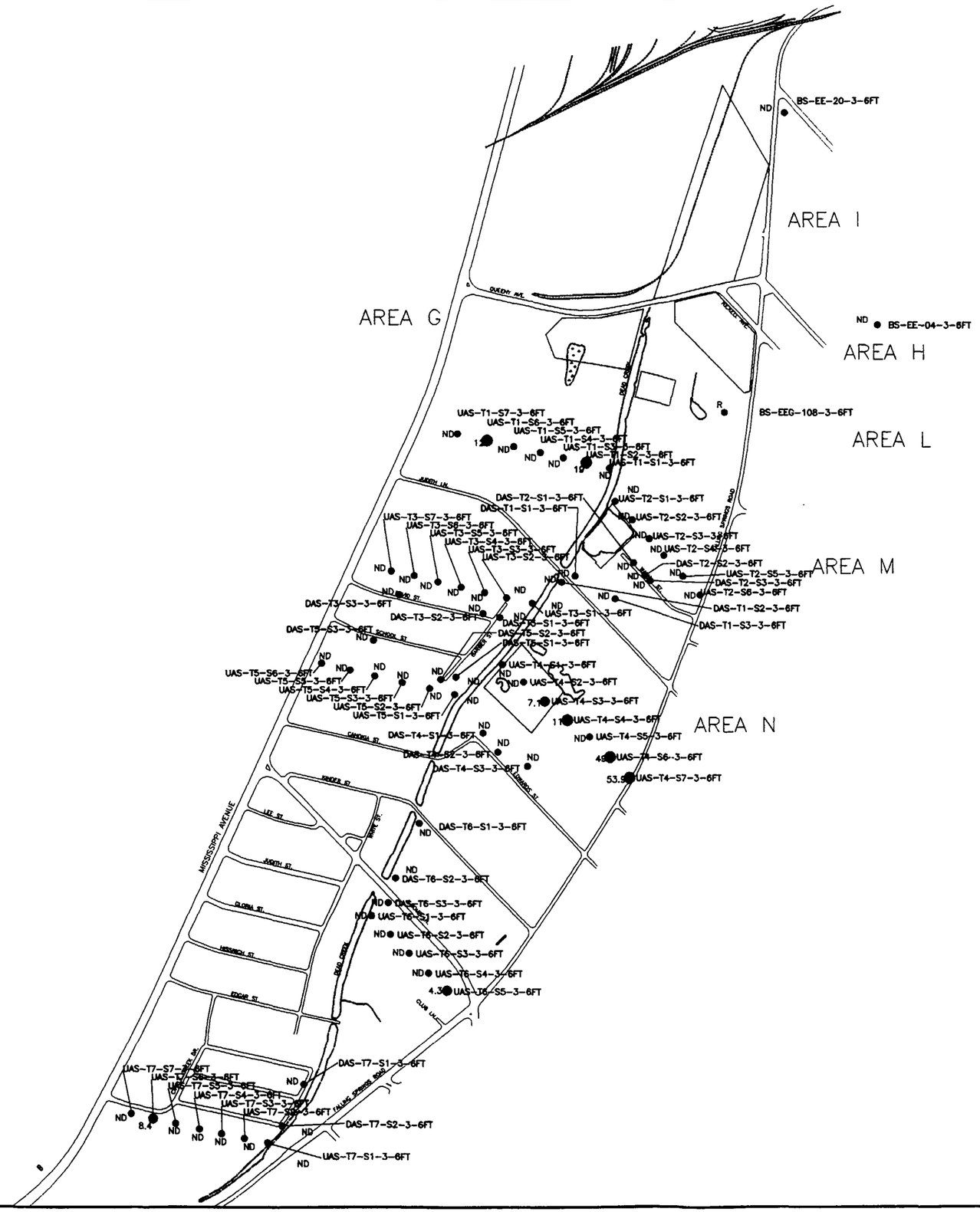
DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SUB-SURBACE SOIL (3-6 ft)
TOTAL SVOAs

400 0 400
SCALE IN FEET

FILE NO. 25501.UASB.B
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 3



LEGEND

- • NOT DETECTED
- ● < 1
- ● 1 – 10
- ● 10 – 100
- ● 100 – 1000
- ● > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SUB-SURBACE SOIL (3-6 ft)
TOTAL PCBs

400 0 400
SCALE IN FEET

FILE NO. 25501.UASB.C
July 2000

O'BRIEN & GERE ENGINEERS, INC.

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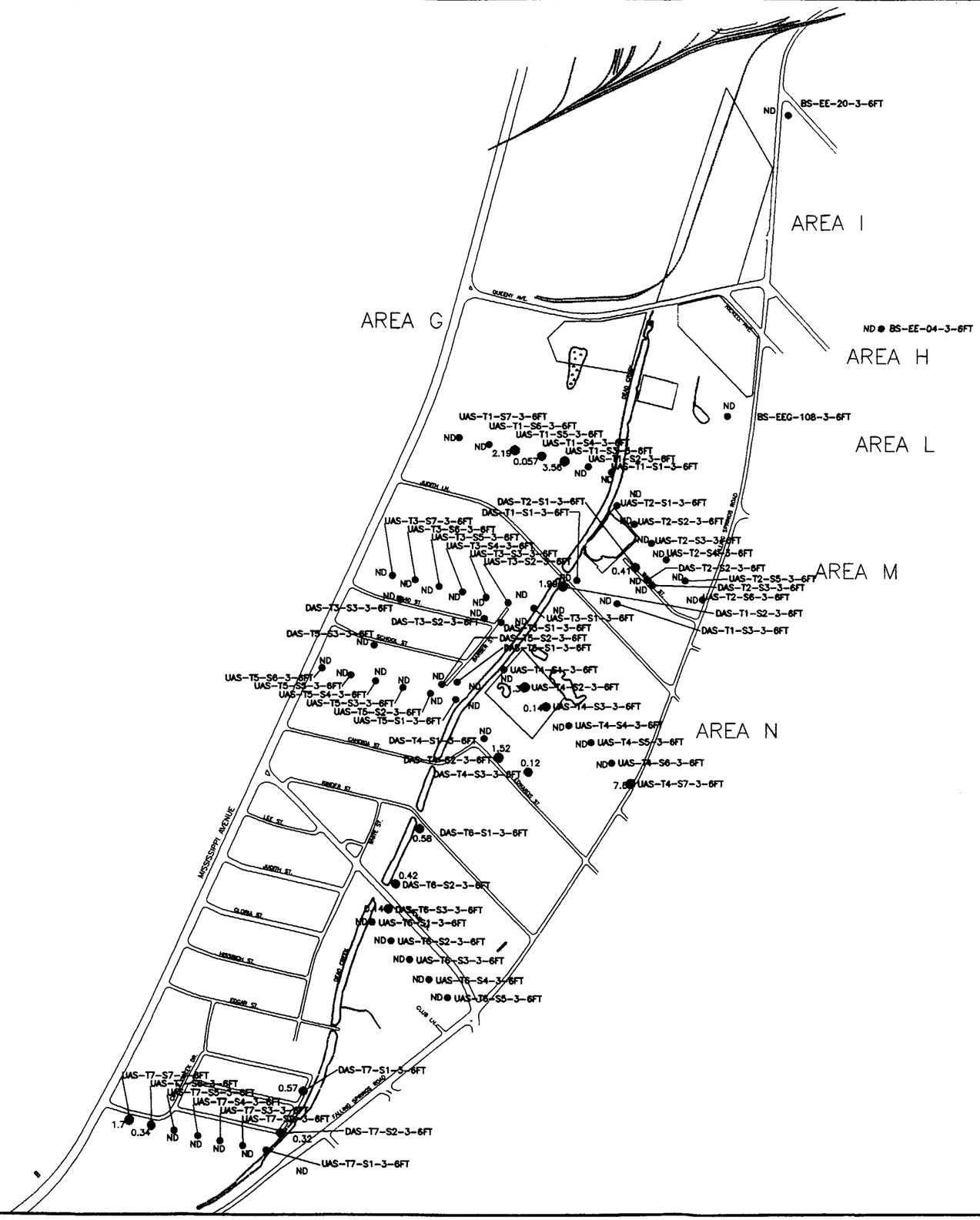
FIGURE 4



LEGEND

- ND NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

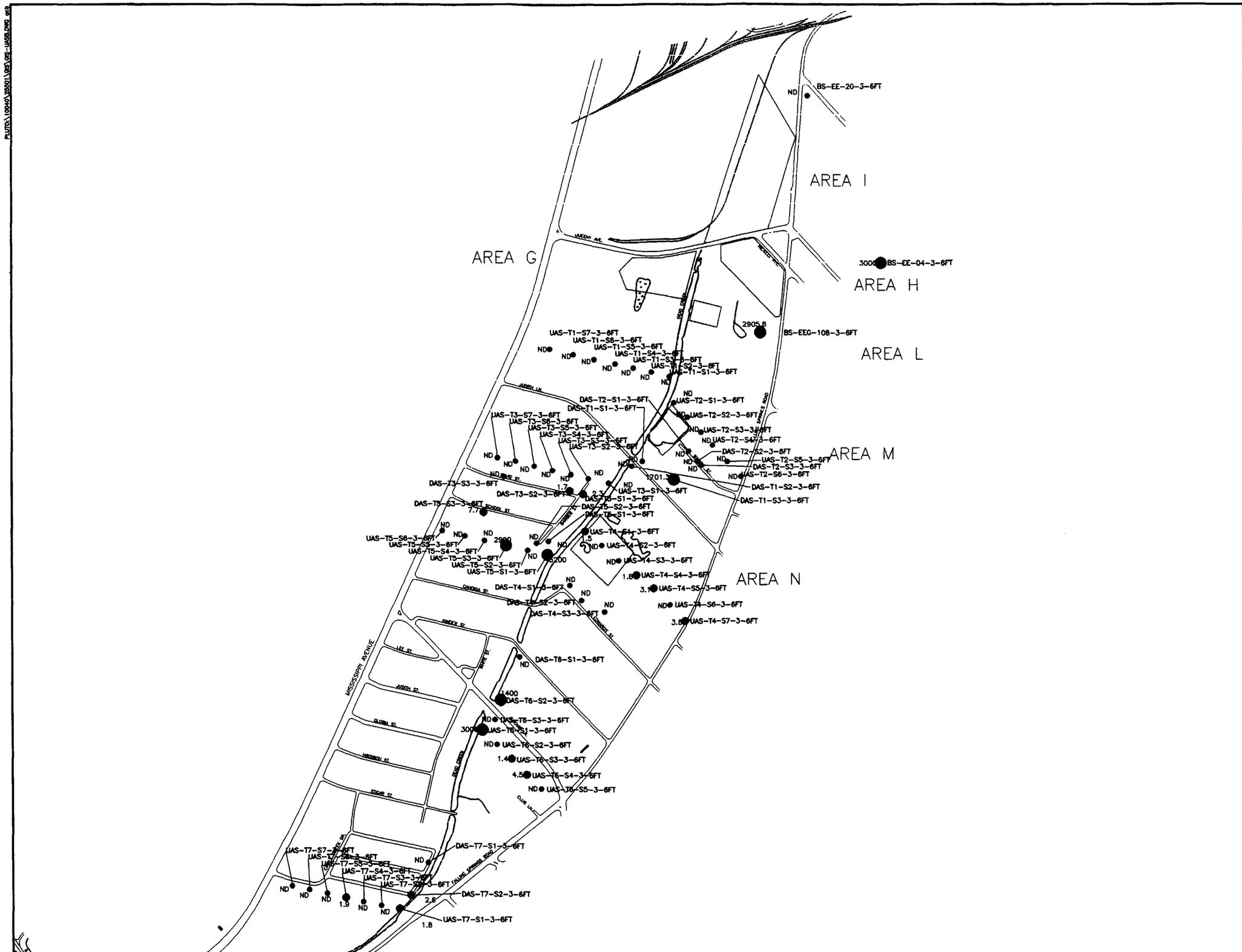
DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SUB-SURBACE SOIL (3-6 ft)
TOTAL PESTICIDES

400 0 400
SCALE IN FEET

FILE NO. 25501.UASB.D
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 5



LEGEND

- • NOT DETECTED
- ● < 1
- ● 1 – 10
- ● 10 – 100
- ● 100 – 1000
- ● > 1000

NOTE: UNITS = ug/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SUB-SURBACE SOIL (3–6 ft)
TOTAL HERBICIDES

400 0 400
SCALE IN FEET

FILE NO. 25501.UASB.E
July 2000

O'BRIEN & GERE ENGINEERS, INC.

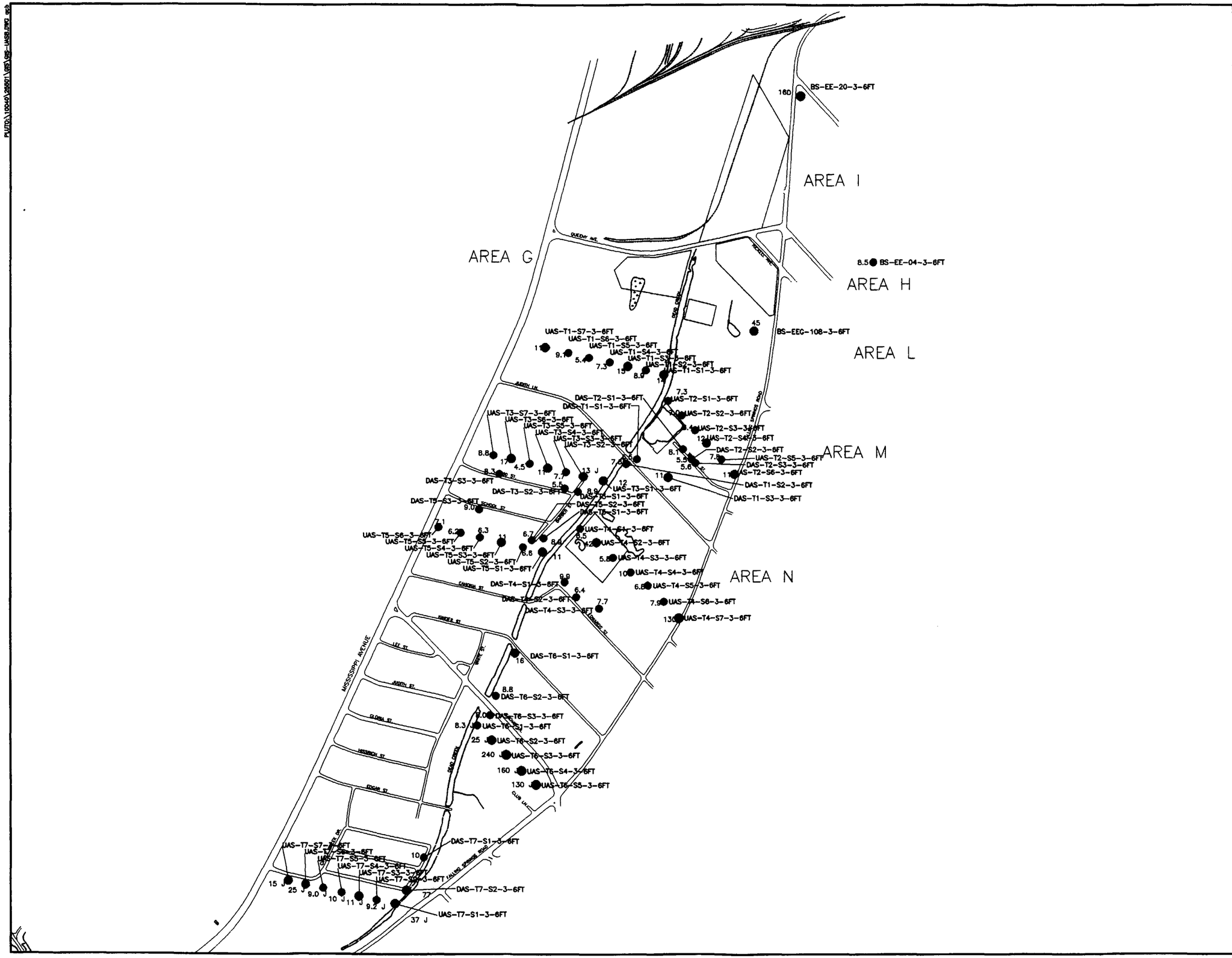


FIGURE 6

LEGEND

- • NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

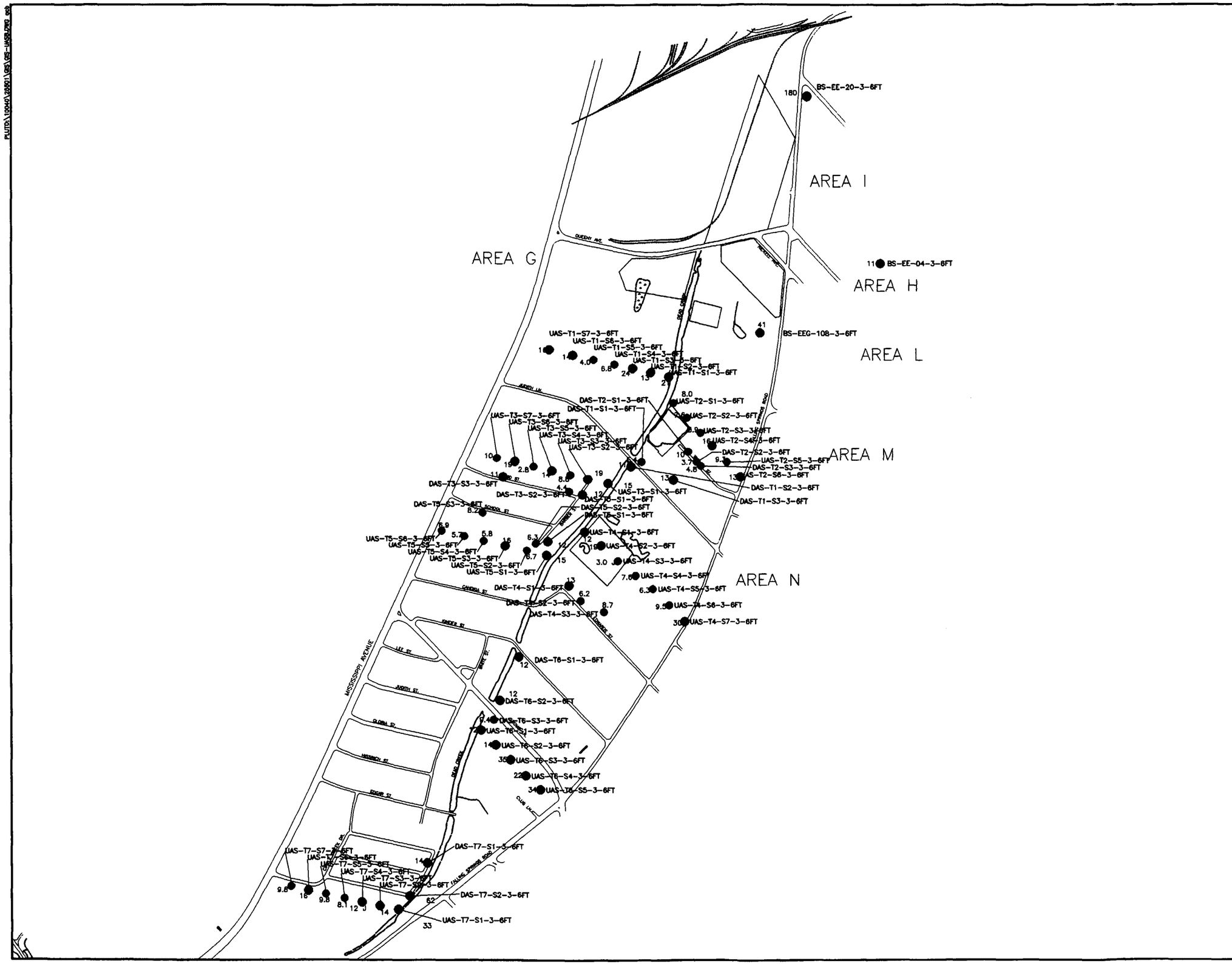
DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SUB-SURBACE SOIL (3-6 ft)
LEAD

400 0 400
SCALE IN FEET

FILE NO. 25501.UASB.F
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 7



LEGEND

- • NOT DETECTED
- ● < 1
- ● 1 – 10
- ● 10 – 100
- ● 100 – 1000
- ● > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

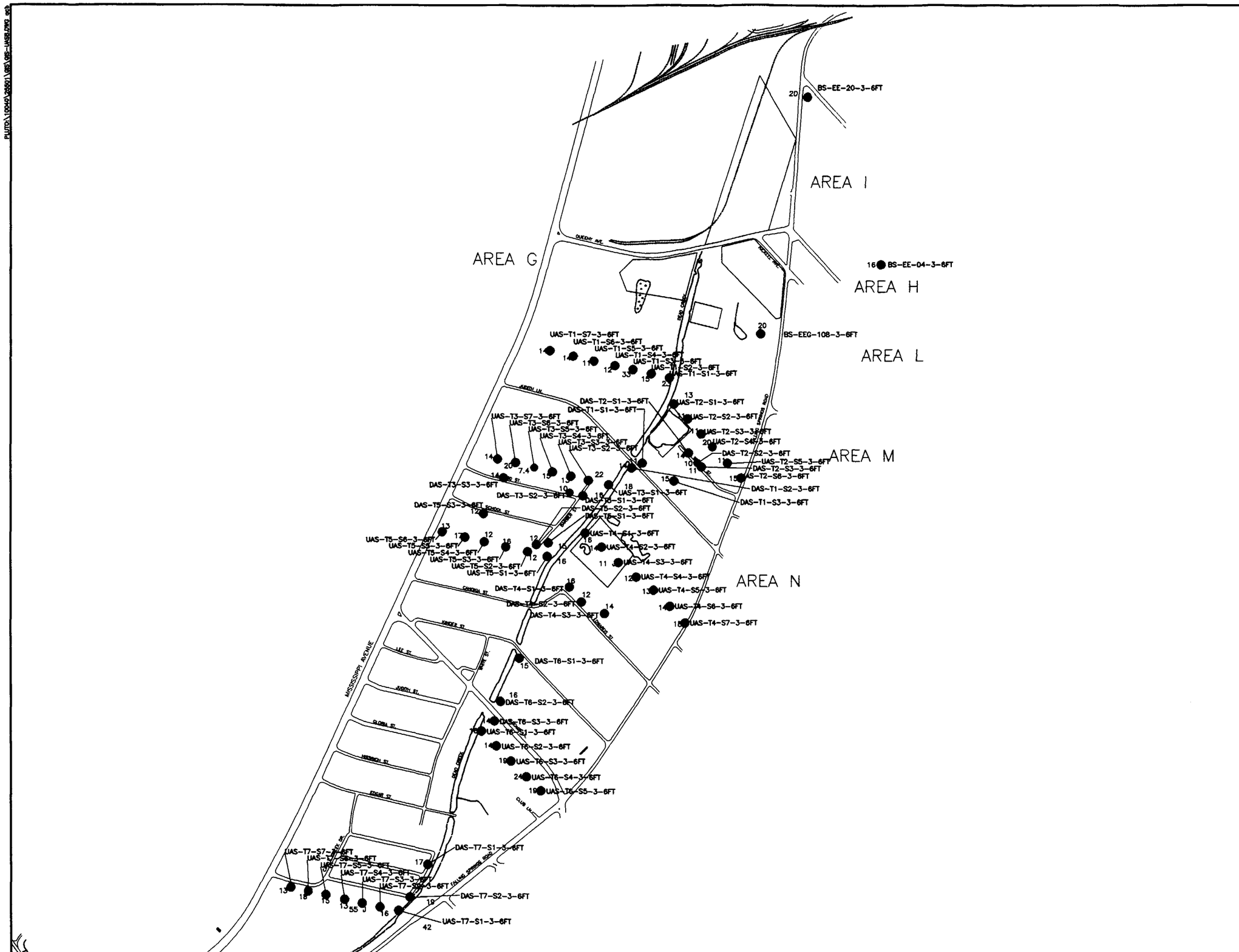
DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SUB-SURBACE SOIL (3-6 ft)
COPPER

400 0 400
SCALE IN FEET

FILE NO. 25501.UASB.G
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 8



LEGEND

- • NOT DETECTED
- ● < 1
- ● 1 – 10
- ● 10 – 100
- ● 100 – 1000
- ● > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SUB-SURBACE SOIL (3–6 ft)
NICKEL

400 0 400
SCALE IN FEET

FILE NO. 25501.UASB.H
July 2000

O'BRIEN & GERE ENGINEERS, INC.

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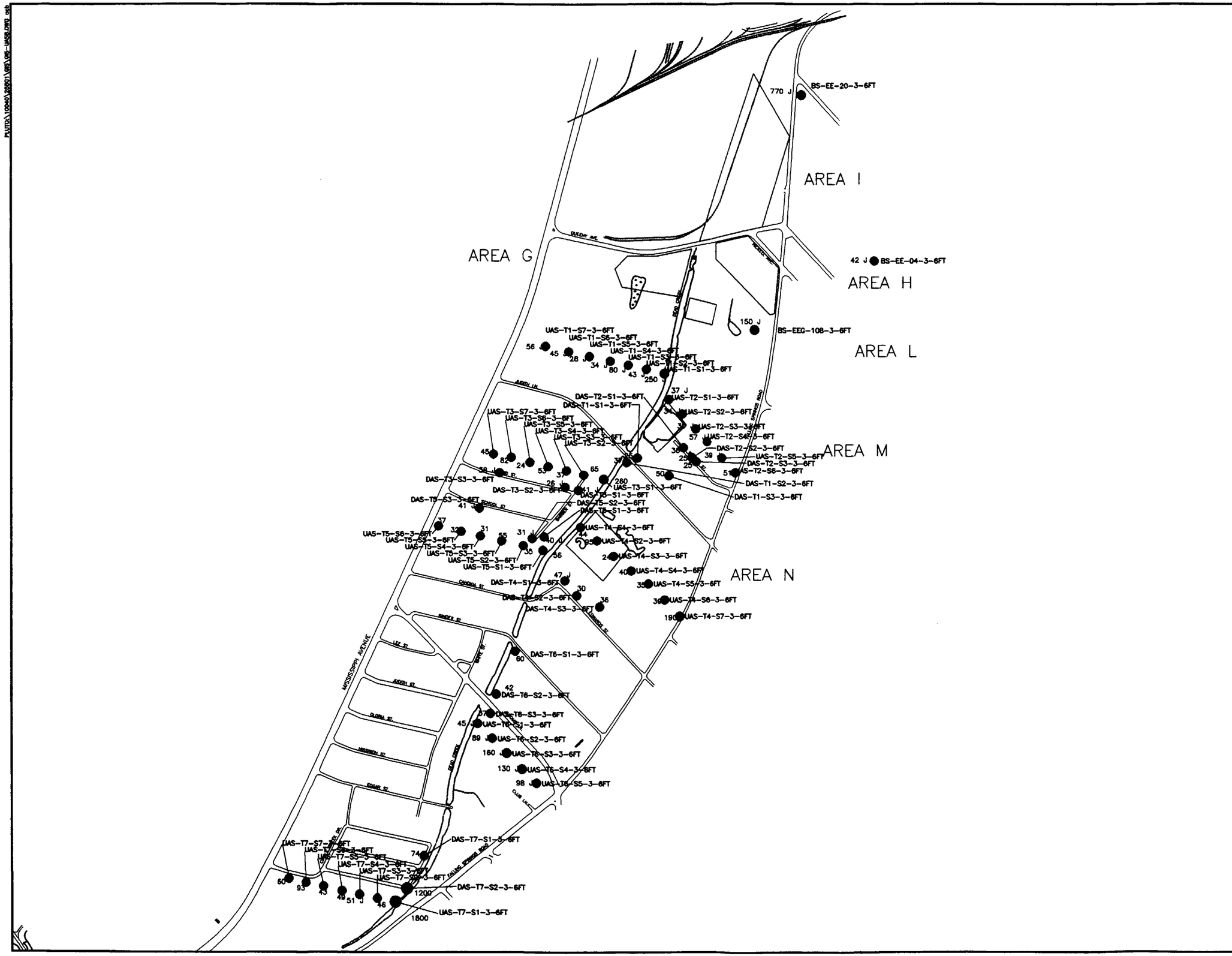
FIGURE 9



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/Kg

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

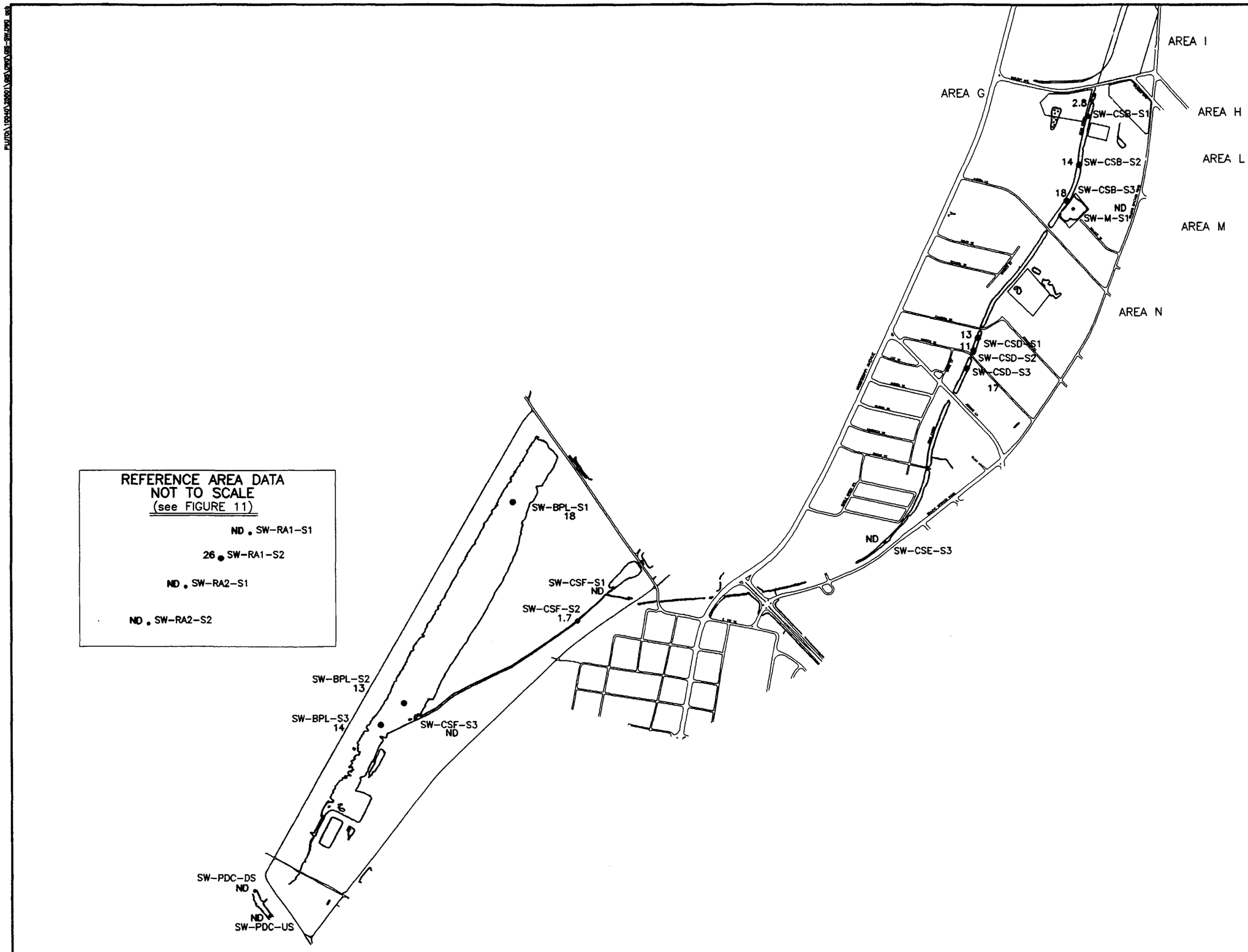
DEVELOPED AREA
UNDEVELOPED AREA
BACKGROUND
SUB-SURBACE SOIL (3–6 ft)
ZINC

400 0 400
SCALE IN FEET

FILE NO. 25501.UASB.I
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 1



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = ug/L

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

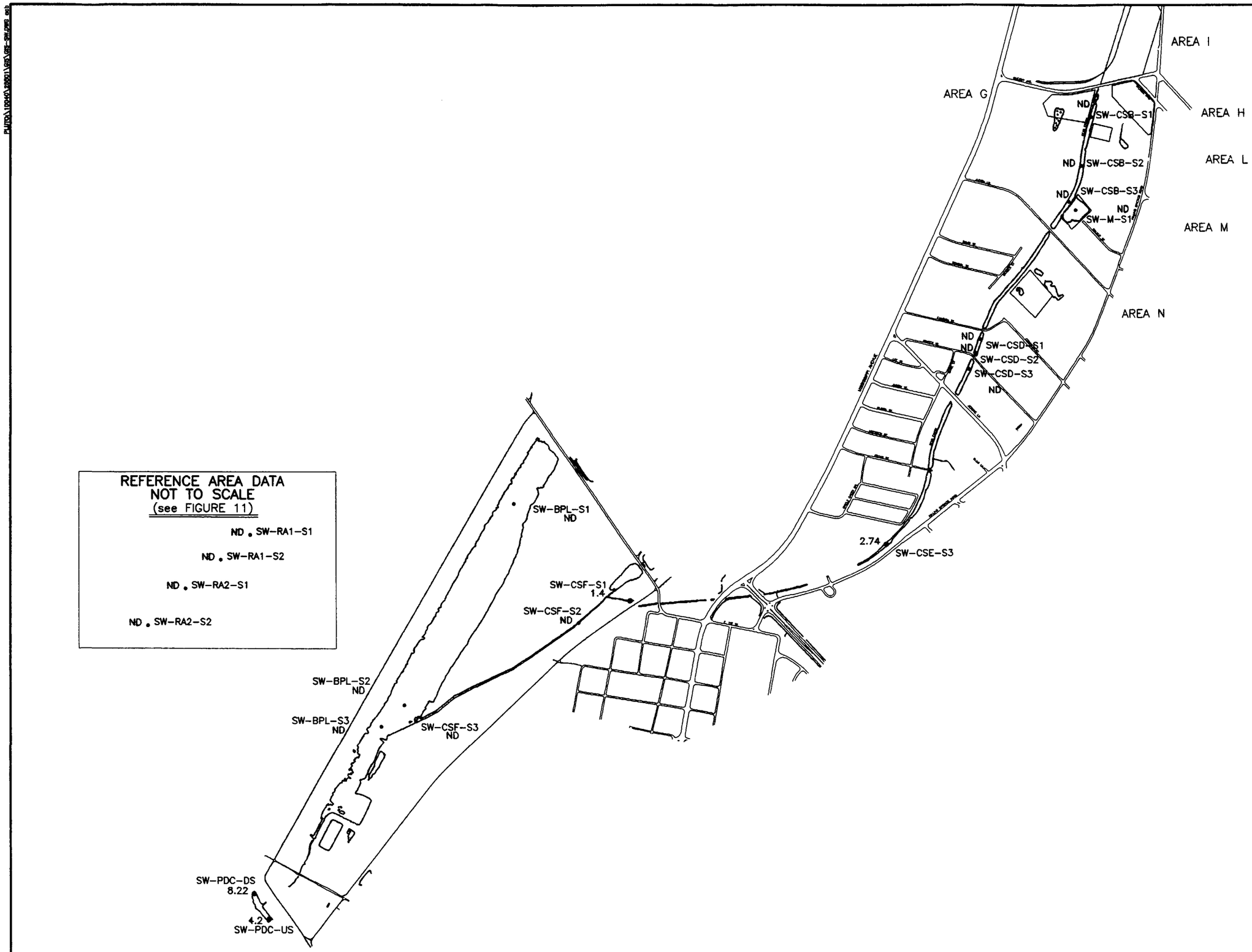
SURFACE WATER
TOTAL VOAs

600 0 600
SCALE IN FEET

FILE NO. 25501.SW.A
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 2



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = ug/L

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

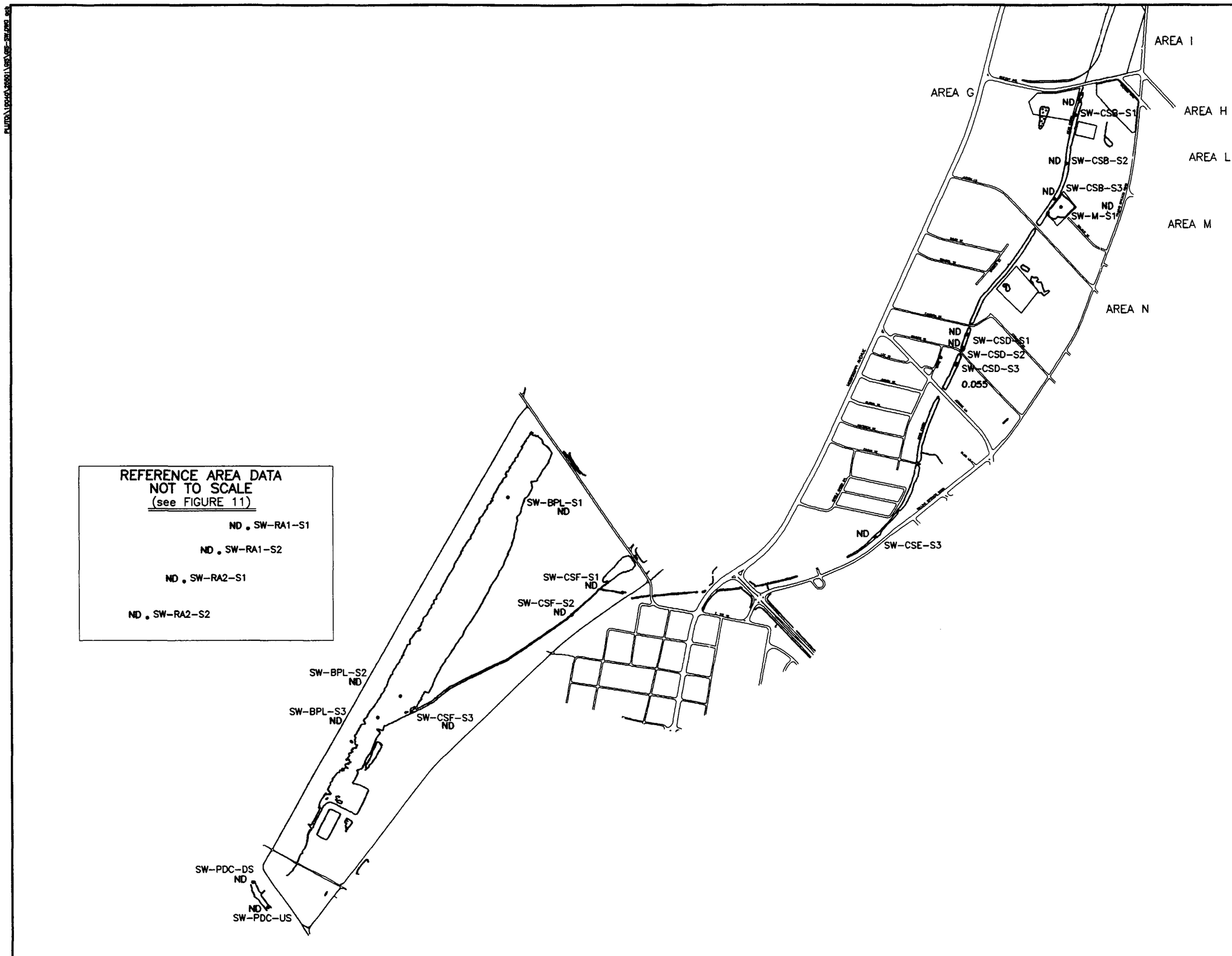
SURFACE WATER
TOTAL SVOAs

600 0 600
SCALE IN FEET

FILE NO. 25501.SW.B
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 3



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = ug/L

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

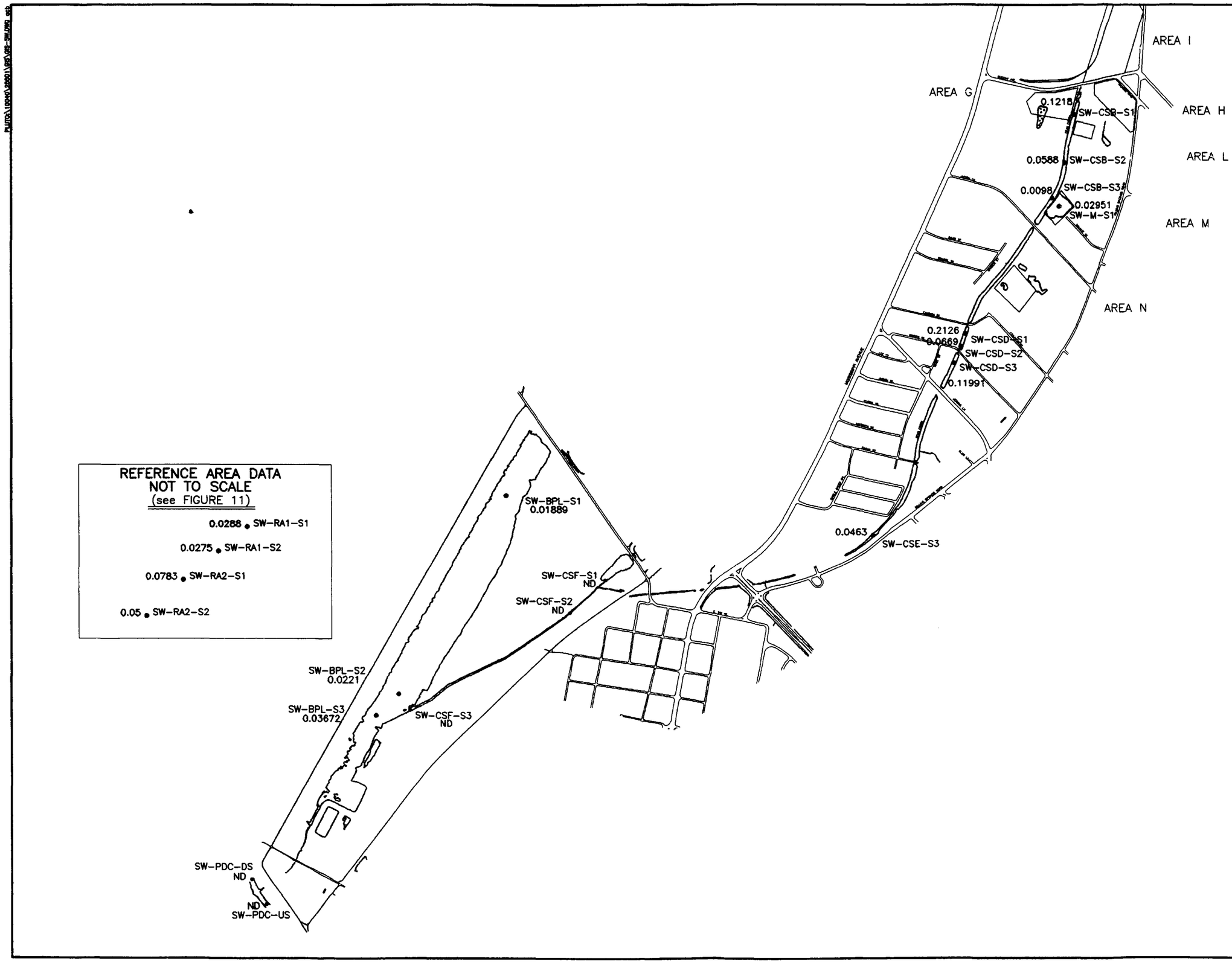
SURFACE WATER
TOTAL PCBs

600 0 600
SCALE IN FEET

FILE NO. 25501.SW.C
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 4



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = ug/L

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

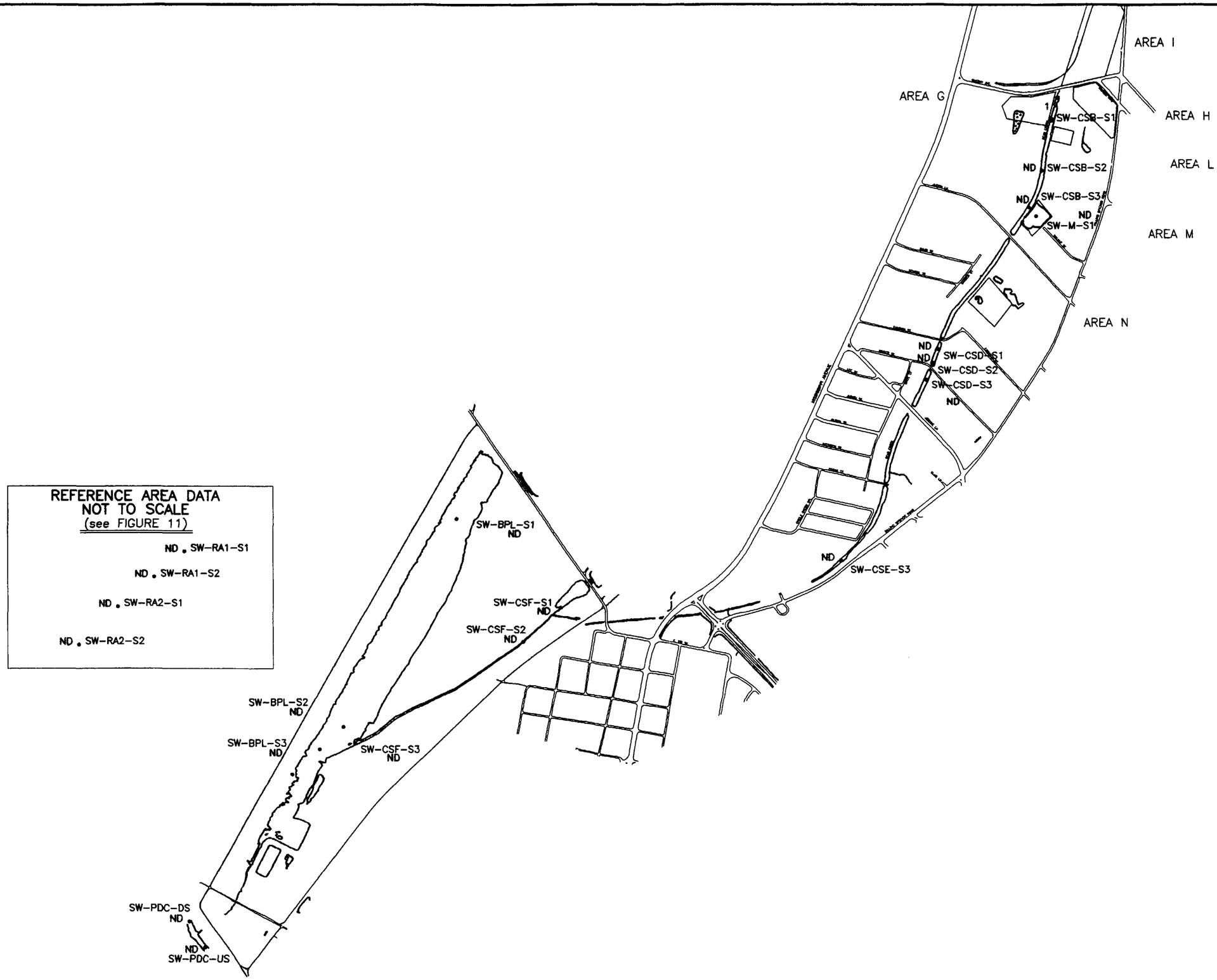
SURFACE WATER
TOTAL PESTICIDES

600 0 600
SCALE IN FEET

FILE NO. 25501.SW.D
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 5



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = ug/L

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

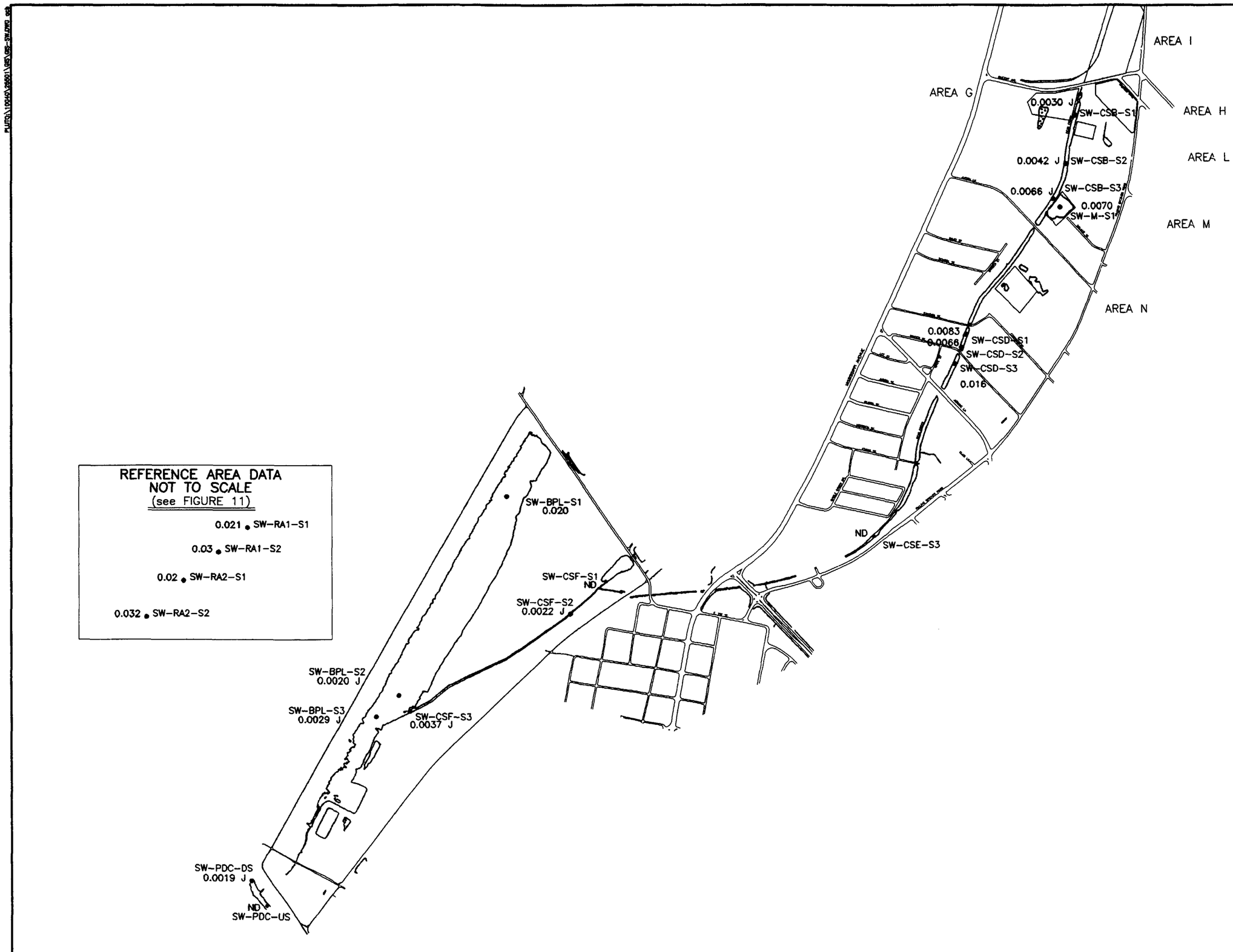
SURFACE WATER
TOTAL HERBICIDES

600 0 600
SCALE IN FEET

FILE NO. 25501.SW.E
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 6



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/L

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

SURFACE WATER
LEAD

600 0 600
SCALE IN FEET

FILE NO. 25501.SW.F
July 2000

O'BRIEN & GERE ENGINEERS, INC.

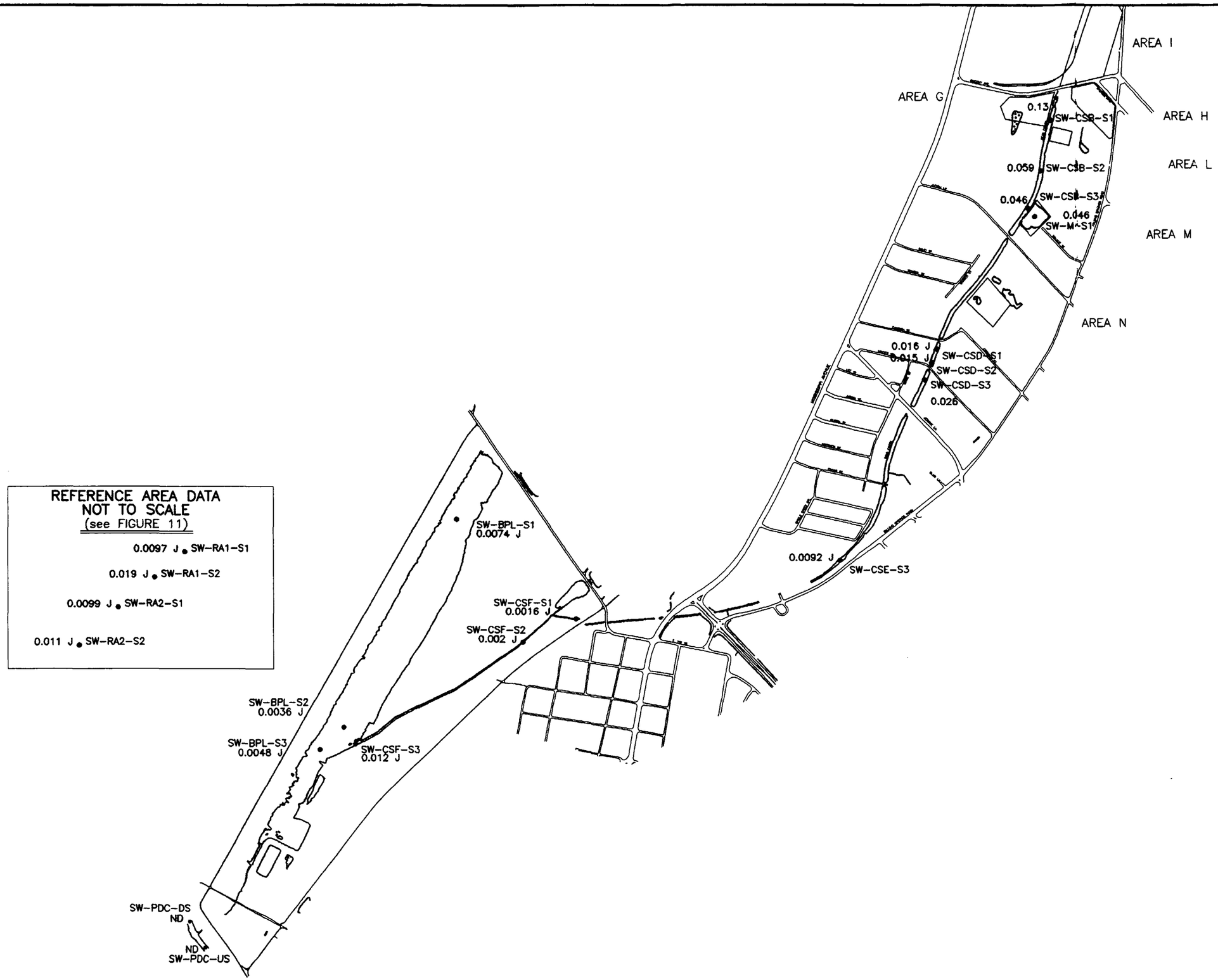


FIGURE 7

LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/L

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

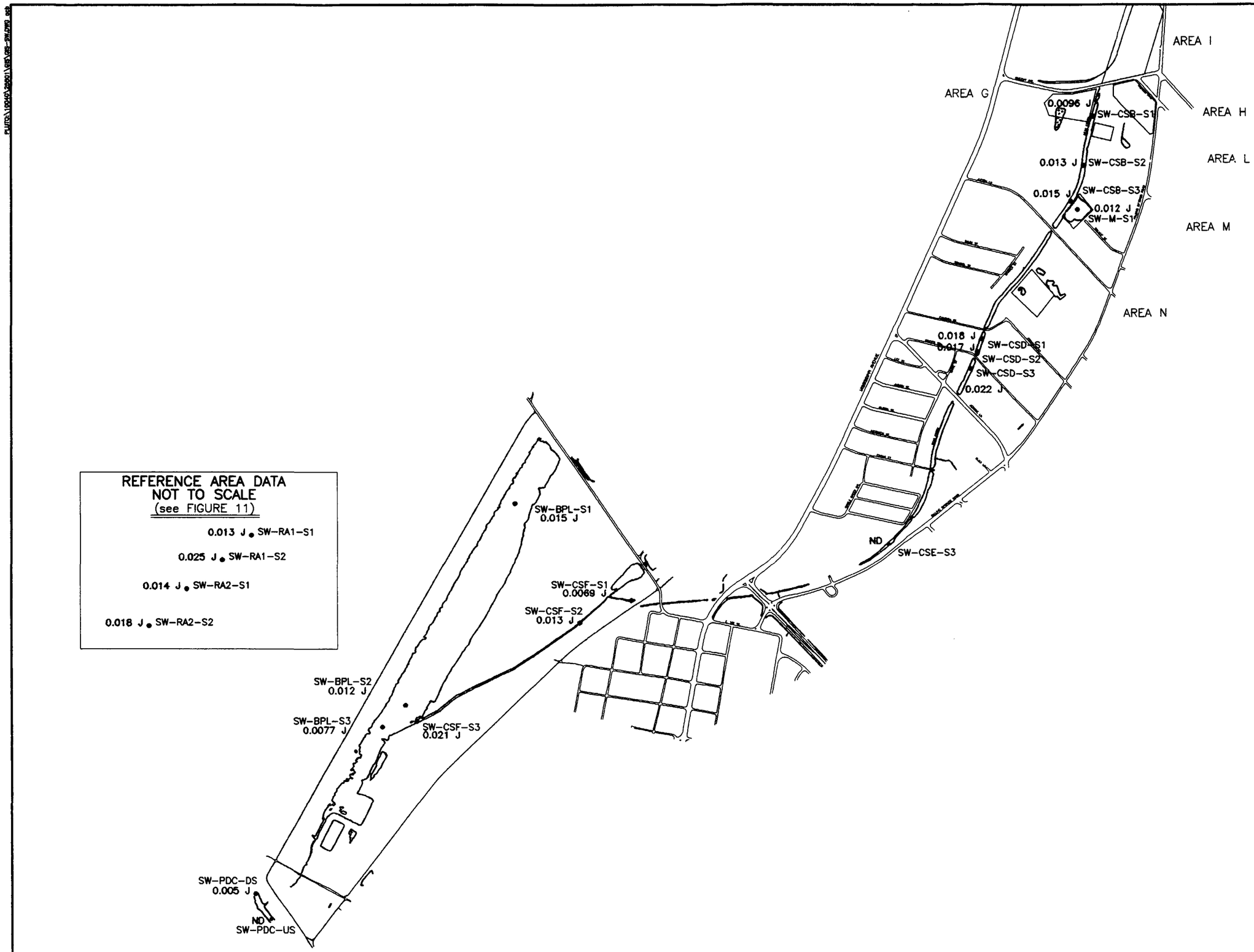
SURFACE WATER
COPPER

600 0 600
SCALE IN FEET

FILE NO. 25501.SW.G
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 8



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/L

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

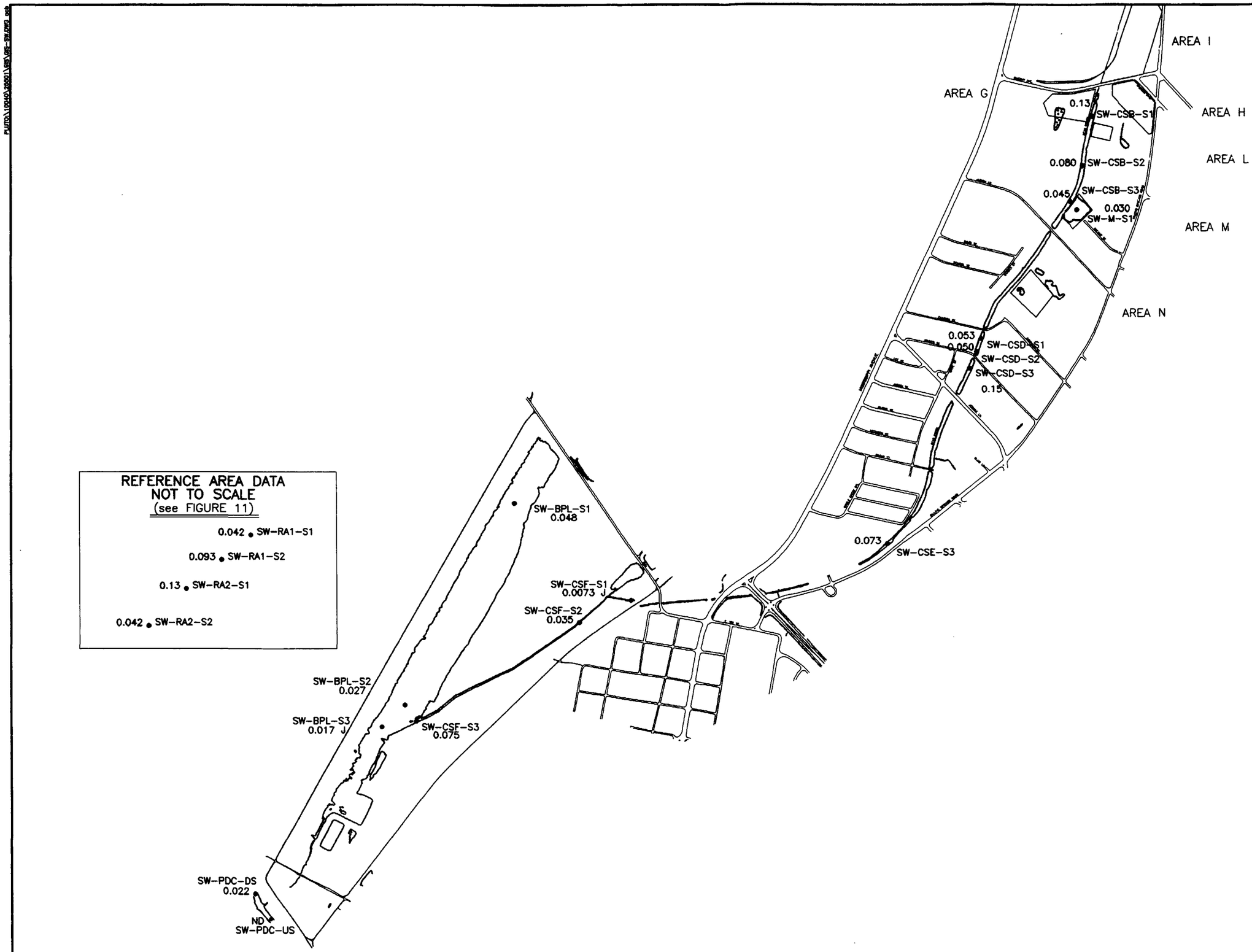
SURFACE WATER
NICKEL

600 0 600
SCALE IN FEET

FILE NO. 25501.SW.H
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 9



LEGEND

- NOT DETECTED
- < 1
- 1 – 10
- 10 – 100
- 100 – 1000
- > 1000

NOTE: UNITS = mg/L

SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

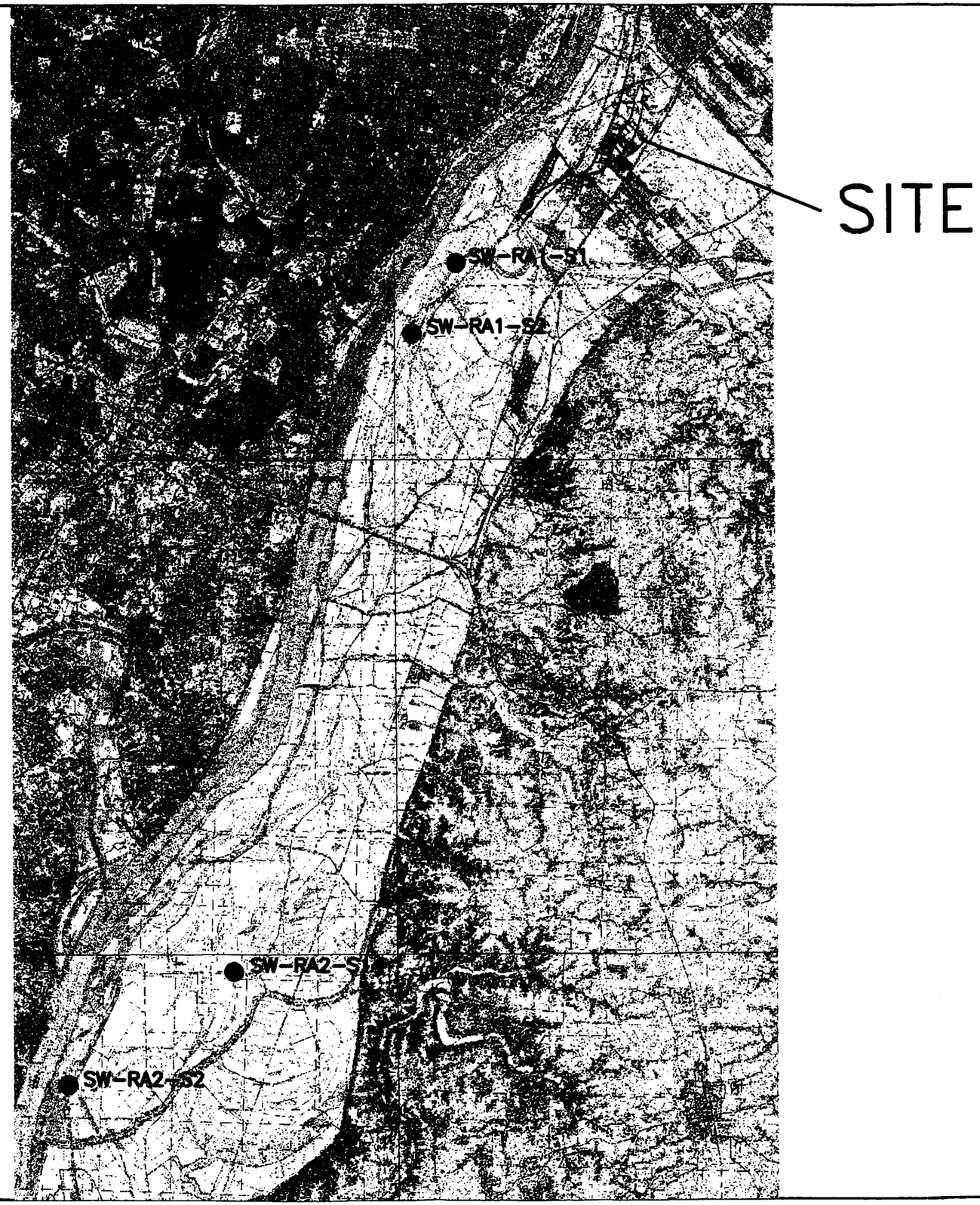
SURFACE WATER
ZINC

600 0 600
SCALE IN FEET

FILE NO. 25501.SW.I
July 2000

O'BRIEN & GERE ENGINEERS, INC.

FIGURE 11



SOLUTIA INC.
REMEDIATION TECHNOLOGY GROUP
ST. LOUIS, MISSOURI

SAUGET AREA 1
SUPPORT SAMPLING PLAN
SAUGET AND CAHOKIA, ILLINOIS

SURFACE WATER REFERENCE AREA LOCATION MAP

1 0 1 2
SCALE IN MILES

FILE NO. 25501.SW-BIG
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O'BRIEN & GERE ENGINEERS, INC.