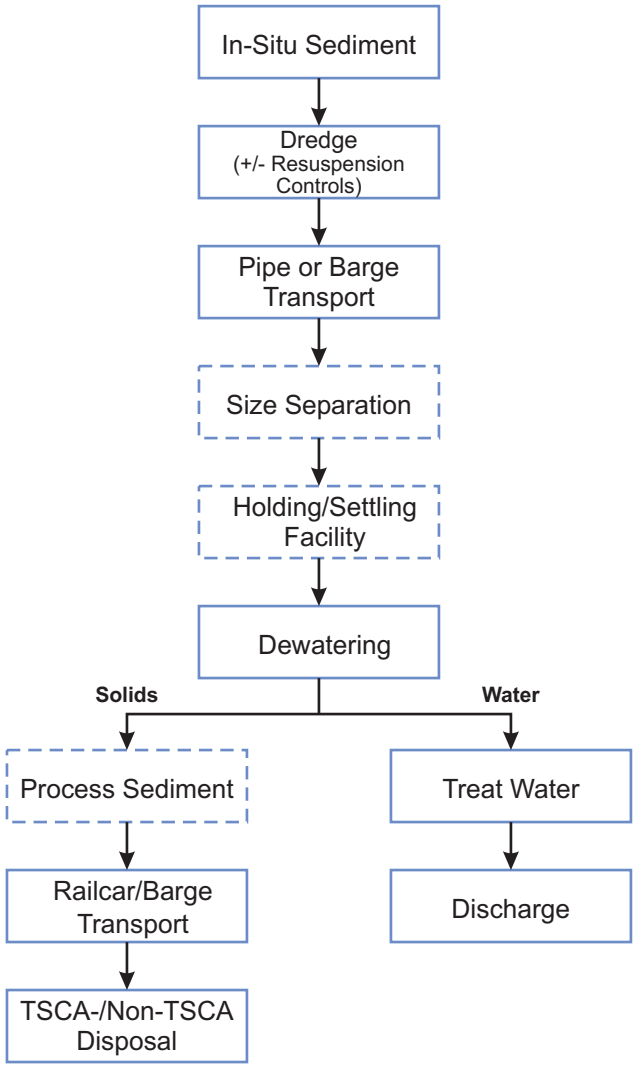
Figures

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists



NOTES:

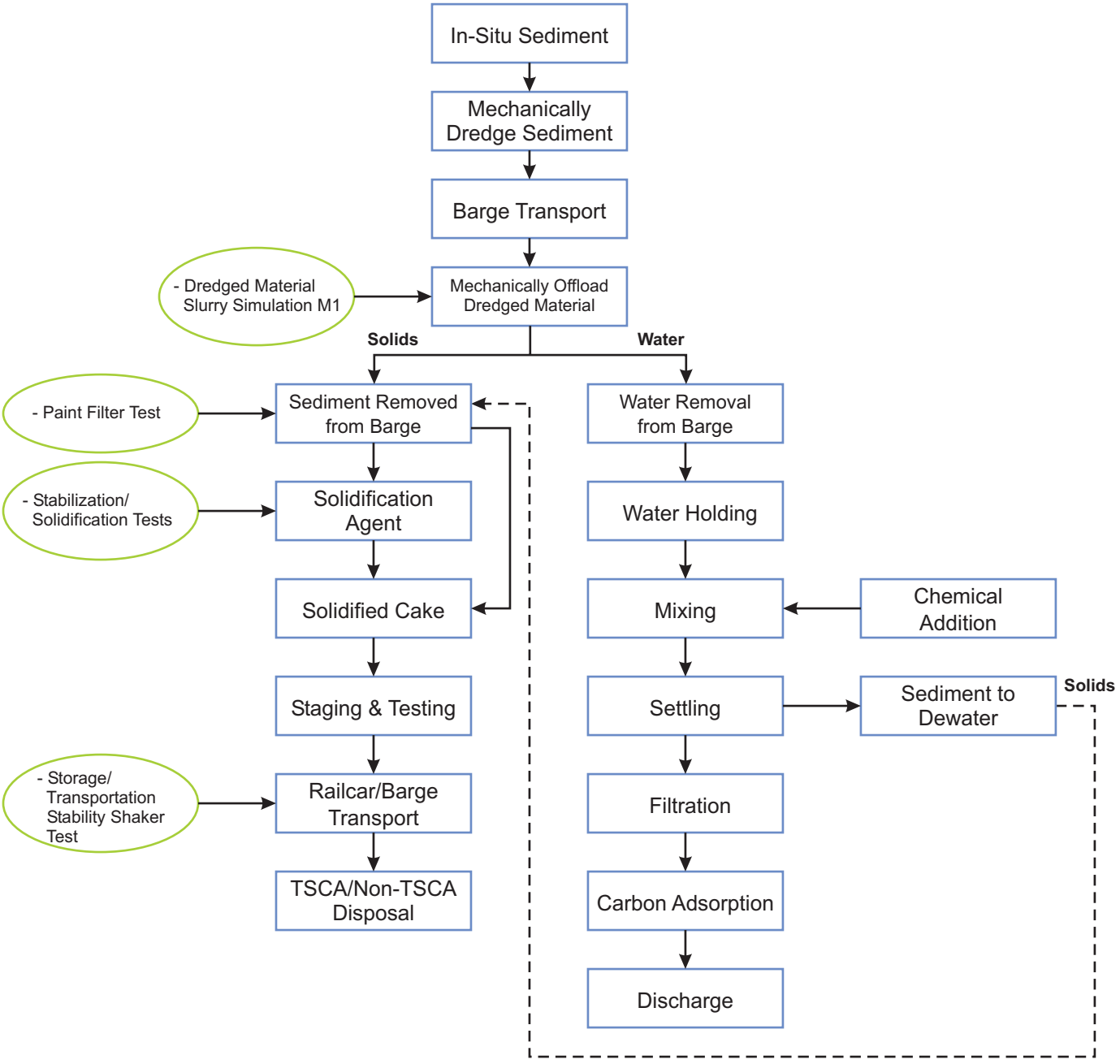
1. Dotted outline box represents optional element

GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE
TREATABILITY STUDIES WORK PLAN

HUDSON RIVER REMEDIATION CONCEPTUAL PROCESS FLOW

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

FIGURE
1



NOTES:

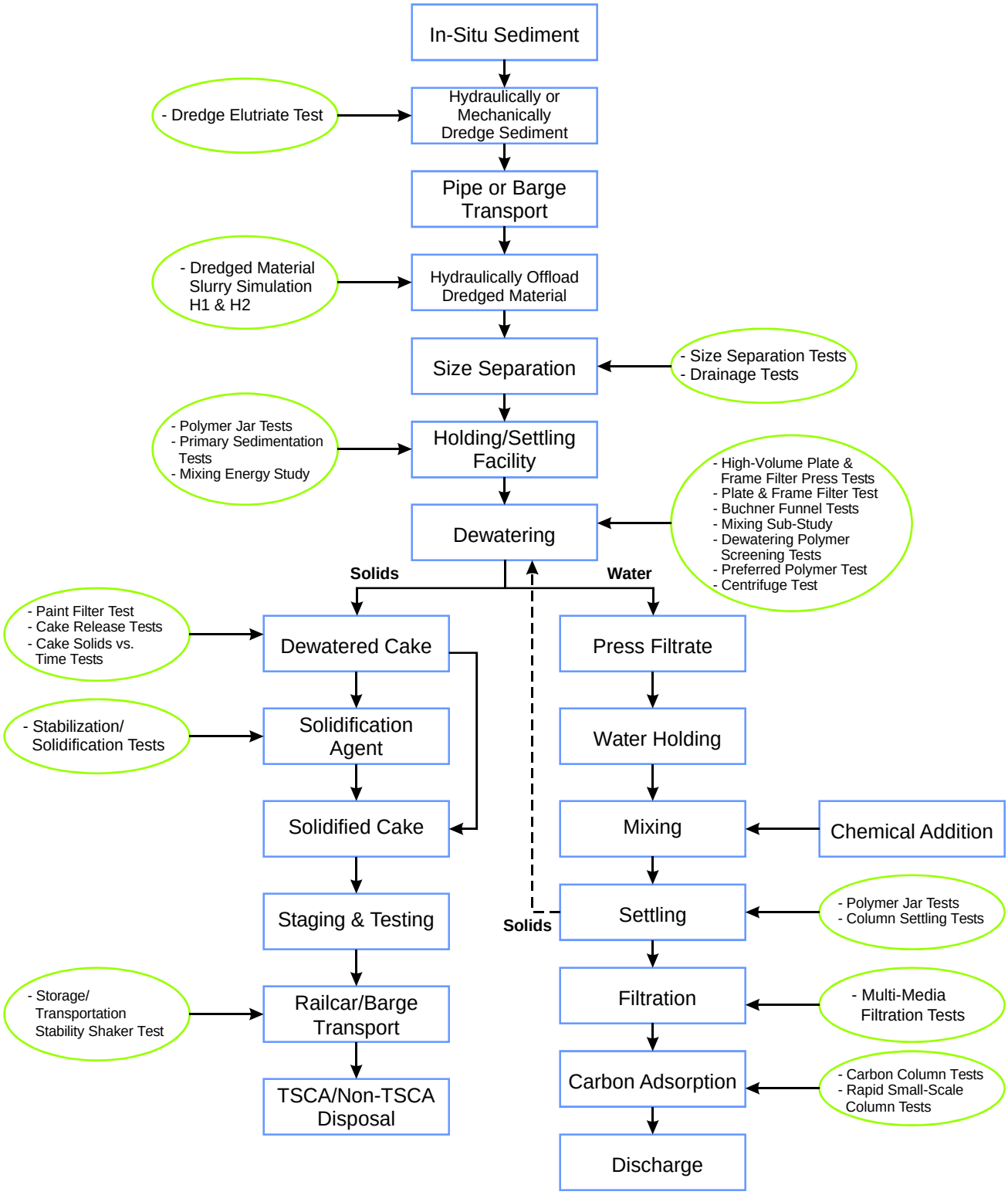
1. Green oval outline represents a treatability study test.

GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE
TREATABILITY STUDIES WORK PLAN

MECHANICALLY DREDGED AND MECHANICALLY OFFLOADED CONCEPTUAL PROCESS FLOW AND ASSOCIATED TREATABILITY TESTS

BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 2



NOTES:

1. Green oval outline represents a treatability study test.

GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE

TREATABILITY STUDIES WORK PLAN

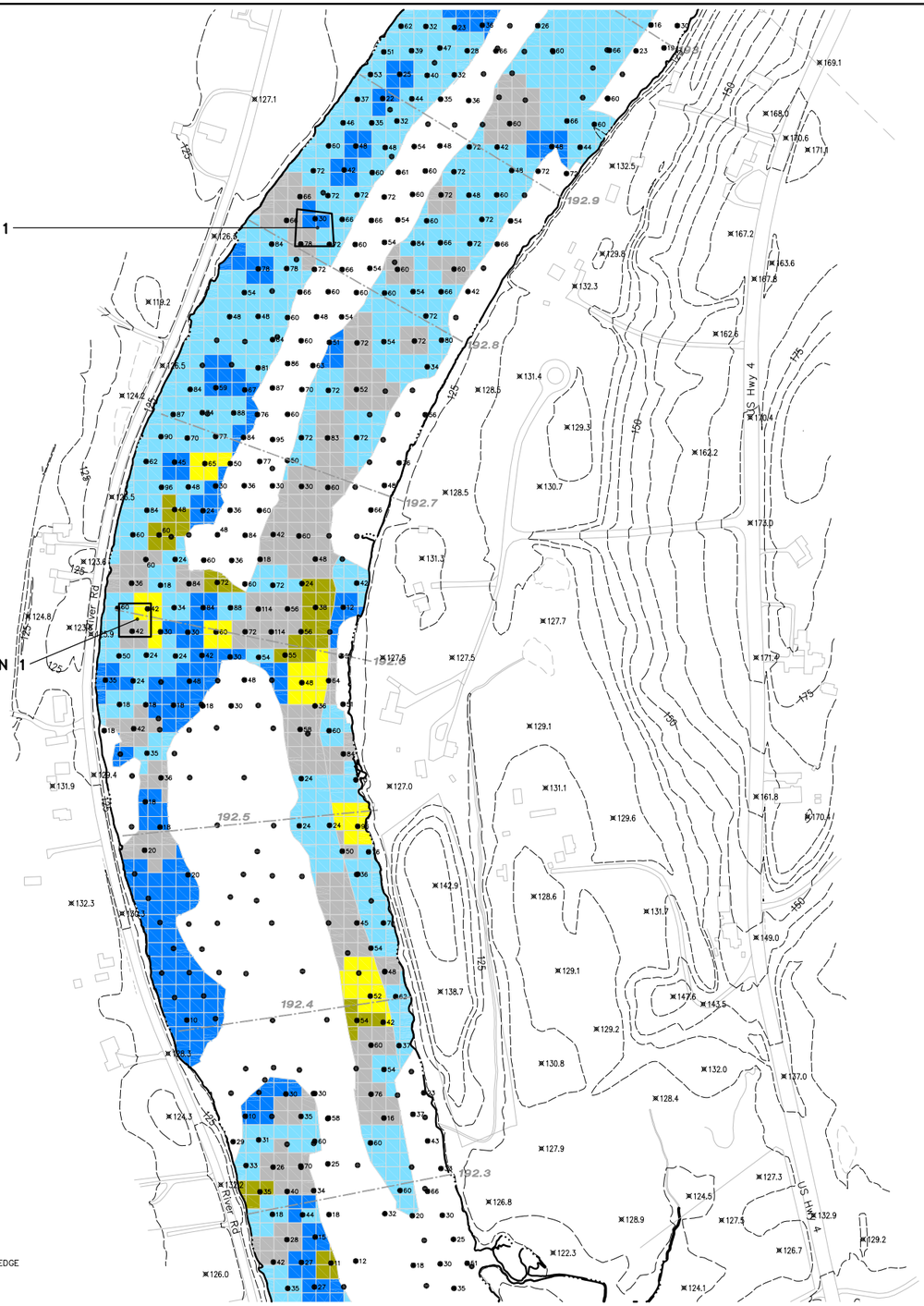
HYDRAULICALLY DREDGED OR MECHANICALLY DREDGED AND HYDRAULICALLY OFFLOADED CONCEPTUAL PROCESS FLOW AND ASSOCIATED TREATABILITY TESTS

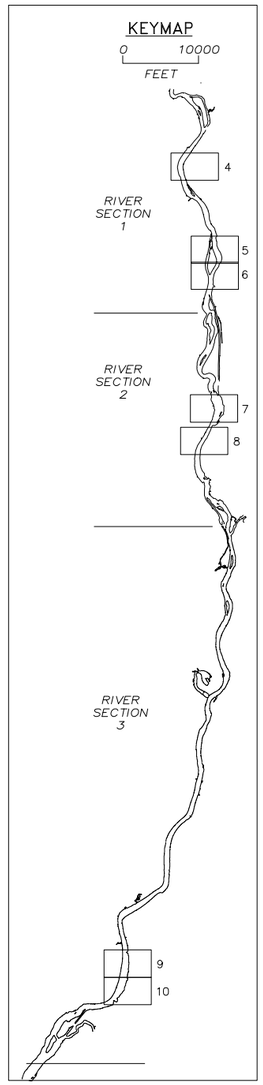
BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 3

S2–RIVER SECTION 1

S3–RIVER SECTION 1





LEGEND:

- TREATABILITY STUDY SEDIMENT SAMPLING LOCATION (AS OF 2/6/04 PER QEA)
- 48 ● PREVIOUS SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATION AND PROBED DEPTH (INCHES)
- SHORELINE
- EXISTING FEATURE
- 194.1 APPROXIMATE RIVER MILE

CONTAMINATED SEDIMENT DEPTH (FEET):

- 0–1
- 1–2
- 2–3
- 3–4
- 4–5
- 5–6
- 6–7
- 7–8

NOTES:

1. BASEMAP PHOTOGRAMMETRY, INCLUDING SHORELINE AND UPLAND FEATURES, IS BASED ON AERIAL MAPPING PERFORMED BY CHAS H. SELLS, INC. IN THE SPRING OF 2002. HORIZONTAL DATUM: NAD 1983 NY EAST ZONE; VERTICAL DATUM: NAVD 1988.
2. "SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATIONS AND PROBING DEPTHS" PROVIDED BY ESI ON JUNE 17, 2003.
3. DREDGE AREA DELINEATIONS AS DESCRIBED BY CONTAMINATED SEDIMENT DEPTHS PROVIDED BY QEA, FEBRUARY 2004.
4. ALL LOCATIONS ARE APPROXIMATE.
5. APPROXIMATE RIVER MILE MARKERS WERE PROVIDED BY QEA ON A CD ENTITLED "2002 SIDE SCAN SONAR DATA 2001 BATHYMETRIC DATA JUNE 2003". RIVER MILE MARKERS SHOWN IN PARENTHESIS WERE APPROXIMATED BY BBL. RIVER MILE MARKERS SOUTH OF SECTION 1 HAVE NOT BEEN PROVIDED.

X: 20432X01.DWG, HUDSONRIVER01: 05511X01,05511X02,05511X06, ALLCON1, RIVCON.DWG
L: ON=*; OFF=*REF*,*|TREE–CONIF,*|WOODLINE,*|HEDGE
P: PAGESET/PLT–DL
2/24/04 SYR–BS–RLP MTK RLP
N/20432001/TSWRKPLN/20432B06.DWG

Graphic Scale
200' 0 200' 400'
1"=200'

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

No.	Date	Revisions	Init

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

Professional Engineer's Name
Professional Engineer's No.
State | Date Signed
Project Mgr. | Designed by | Drawn by

BBL BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists

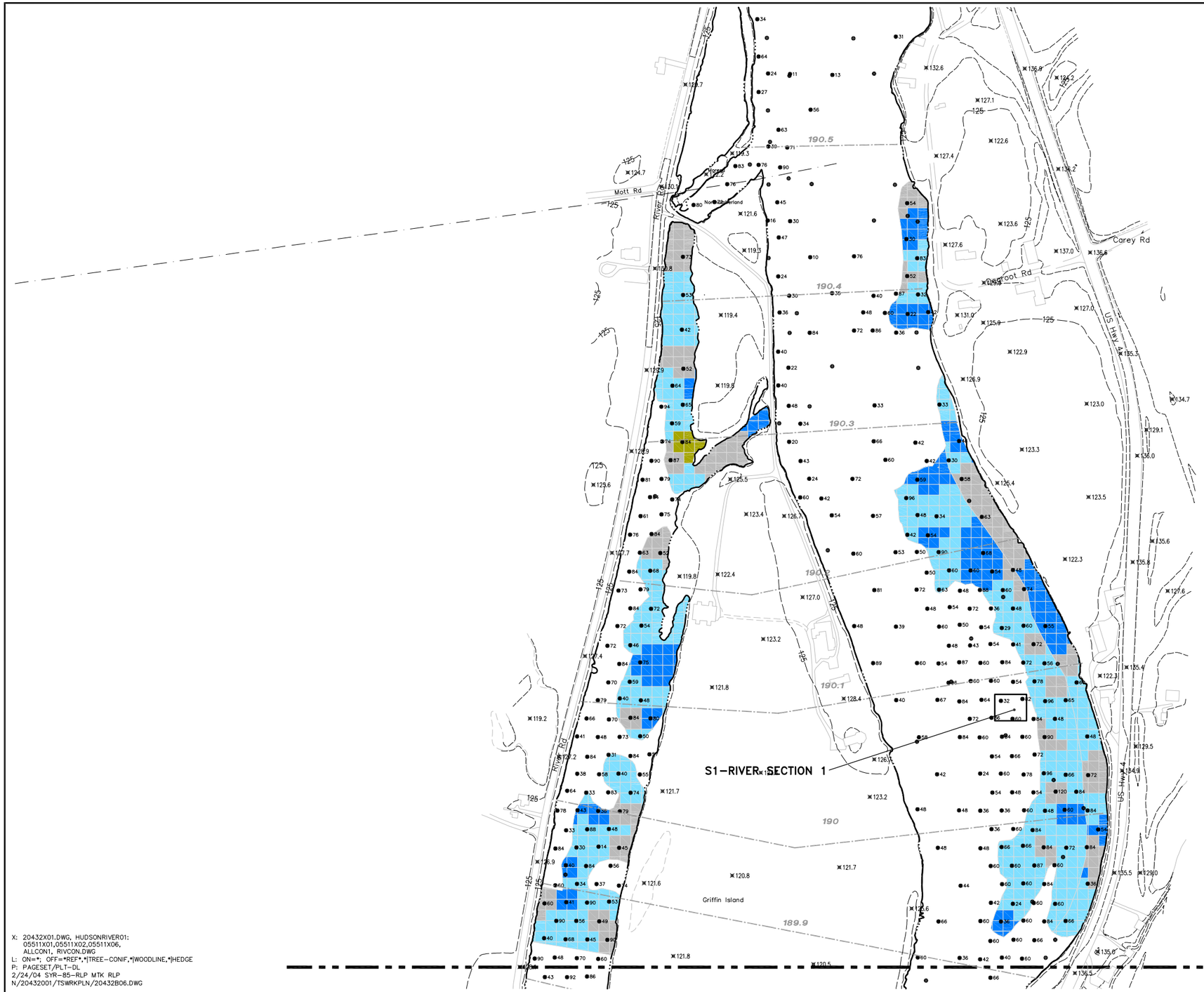
GENERAL ELECTRIC COMPANY • HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDIES WORK PLAN

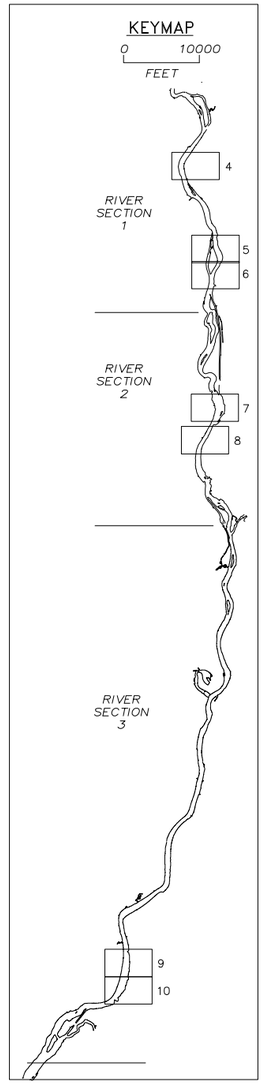
PROPOSED SAMPLING LOCATIONS (RIVER MILE 193.0 TO 192.3)

BBL Project No. 20432.001
Date FEBRUARY 2004

Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315–446–9120

4





LEGEND:

- TREATABILITY STUDY SEDIMENT SAMPLING LOCATION (AS OF 2/6/04 PER QEA)
- 48 ● PREVIOUS SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATION AND PROBED DEPTH (INCHES)
- SHORELINE
- EXISTING FEATURE
- 194.1 APPROXIMATE RIVER MILE

CONTAMINATED SEDIMENT DEPTH (FEET):

- 0–1
- 1–2
- 2–3
- 3–4
- 4–5
- 5–6
- 6–7
- 7–8

NOTES:

1. BASEMAP PHOTOGRAMMETRY, INCLUDING SHORELINE AND UPLAND FEATURES, IS BASED ON AERIAL MAPPING PERFORMED BY CHAS H. SELLS, INC. IN THE SPRING OF 2002. HORIZONTAL DATUM: NAD 1983 NY EAST ZONE; VERTICAL DATUM: NAVD 1988.
2. "SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATIONS AND PROBING DEPTHS" PROVIDED BY ESI ON JUNE 17, 2003.
3. DREDGE AREA DELINEATIONS AS DESCRIBED BY CONTAMINATED SEDIMENT DEPTHS PROVIDED BY QEA, FEBRUARY 2004.
4. ALL LOCATIONS ARE APPROXIMATE.
5. APPROXIMATE RIVER MILE MARKERS WERE PROVIDED BY QEA ON A CD ENTITLED "2002 SIDE SCAN SONAR DATA 2001 BATHYMETRIC DATA JUNE 2003". RIVER MILE MARKERS SHOWN IN PARENTHESIS WERE APPROXIMATED BY BBL. RIVER MILE MARKERS SOUTH OF SECTION 1 HAVE NOT BEEN PROVIDED.

CONTINUED ON SHEET 6

X: 20432X01.DWG, HUDSONRIVER01: 05511X01,05511X02,05511X06, ALLCON1, RIVCON.DWG
L: ON=*; OFF=*REF*,*|TREE-CONIF,*|WOODLINE,*|HEDGE
P: PAGESET/PLT-DL
2/24/04 SYR-BS-RLP MTK RLP
N/20432001/TSWRKPLN/20432B06.DWG

Graphic Scale
200' 0 200' 400'
1"=200'

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

No.	Date	Revisions	Init

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

Professional Engineer's Name
Professional Engineer's No.
State | Date Signed
Project Mgr. | Designed by | Drawn by

BBL BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists

GENERAL ELECTRIC COMPANY • HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDIES WORK PLAN

PROPOSED SAMPLING LOCATIONS (RIVER MILE 190.5 TO 189.9)

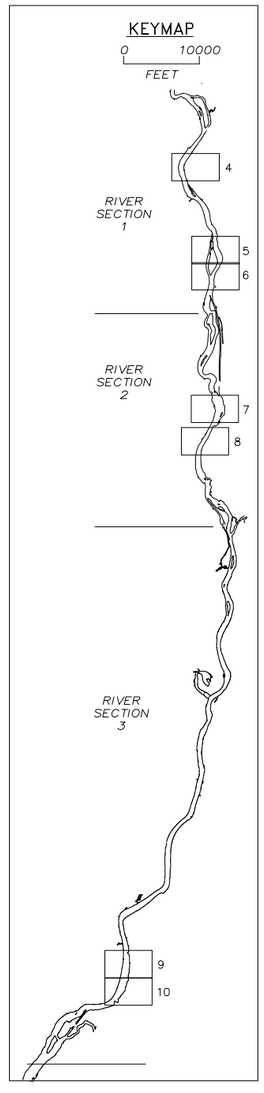
BBL Project No. 20432.001
Date FEBRUARY 2004

Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

5

CONTINUED ON SHEET 5

S4–RIVER SECTION 1



LEGEND:

- TREATABILITY STUDY SEDIMENT SAMPLING LOCATION (AS OF 2/6/04 PER QEA)
- 48 ● PREVIOUS SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATION AND PROBED DEPTH (INCHES)
- SHORELINE
- EXISTING FEATURE
- 194.1 APPROXIMATE RIVER MILE

CONTAMINATED SEDIMENT DEPTH (FEET):

- 0–1
- 1–2
- 2–3
- 3–4
- 4–5
- 5–6
- 6–7
- 7–8

NOTES:

1. BASEMAP PHOTOGRAMMETRY, INCLUDING SHORELINE AND UPLAND FEATURES, IS BASED ON AERIAL MAPPING PERFORMED BY CHAS H. SELLS, INC. IN THE SPRING OF 2002. HORIZONTAL DATUM: NAD 1983 NY EAST ZONE; VERTICAL DATUM: NAVD 1988.

2. "SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATIONS AND PROBING DEPTHS" PROVIDED BY ESI ON JUNE 17, 2003.

3. DREDGE AREA DELINEATIONS AS DESCRIBED BY CONTAMINATED SEDIMENT DEPTHS PROVIDED BY QEA, FEBRUARY 2004.

4. ALL LOCATIONS ARE APPROXIMATE.

5. APPROXIMATE RIVER MILE MARKERS WERE PROVIDED BY QEA ON A CD ENTITLED "2002 SIDE SCAN SONAR DATA 2001 BATHYMETRIC DATA JUNE 2003". RIVER MILE MARKERS SHOWN IN PARENTHESIS WERE APPROXIMATED BY BBL. RIVER MILE MARKERS SOUTH OF SECTION 1 HAVE NOT BEEN PROVIDED.

X: 20432X01.DWG, HUDSONRIVER01: 05511X01,05511X02,05511X06, ALLCON1, RIVCON.DWG
L: ON=*; OFF=*REF*,*|TREE–CONIF,*|WOODLINE,*|HEDGE
P: PAGESET/PLT–DL
2/24/04 SYR–85–RLP MTK RLP
N/20432001/TSWRKPLN/20432B06.DWG

Graphic Scale
200' 0 200' 400'
1"=200'

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

No.	Date	Revisions	Init

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

Professional Engineer's Name		
Professional Engineer's No.		
State	Date Signed	
Project Mgr.	Designed by	Drawn by

BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists

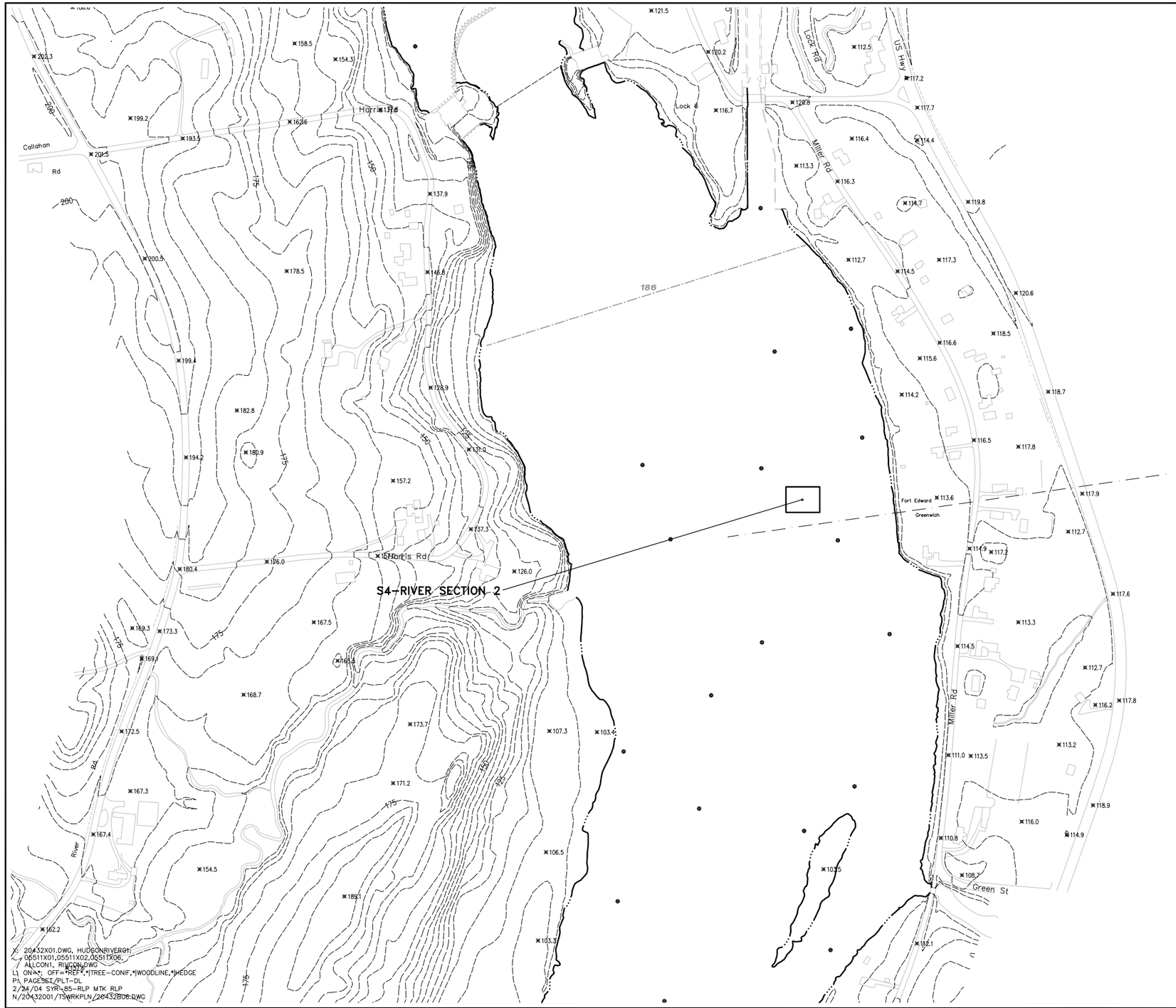
GENERAL ELECTRIC COMPANY • HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDIES WORK PLAN

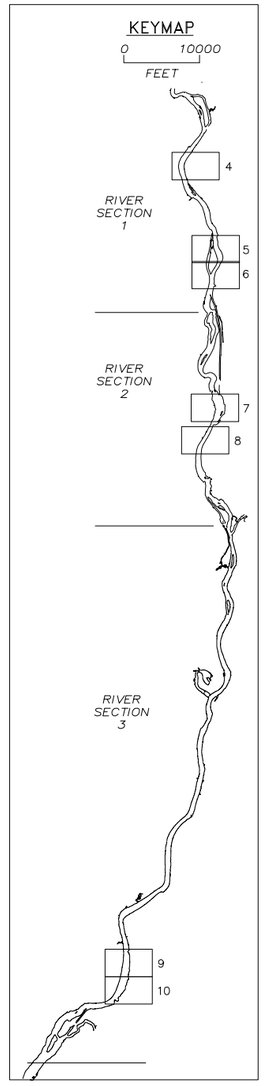
PROPOSED SAMPLING LOCATIONS (RIVER MILE 189.9 TO 189.2)

BBL Project No. 20432.001

Date FEBRUARY 2004

Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315–446–9120





LEGEND:

- TREATABILITY STUDY SEDIMENT SAMPLING LOCATION (AS OF 2/6/04 PER QEA)
- 48 ● PREVIOUS SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATION AND PROBED DEPTH (INCHES)
- SHORELINE
- EXISTING FEATURE
- 194.1 APPROXIMATE RIVER MILE

CONTAMINATED SEDIMENT DEPTH (FEET):

- 0–1
- 1–2
- 2–3
- 3–4
- 4–5
- 5–6
- 6–7
- 7–8

NOTES:

1. BASEMAP PHOTOGRAMMETRY, INCLUDING SHORELINE AND UPLAND FEATURES, IS BASED ON AERIAL MAPPING PERFORMED BY CHAS H. SELLS, INC. IN THE SPRING OF 2002. HORIZONTAL DATUM: NAD 1983 NY EAST ZONE; VERTICAL DATUM: NAVD 1988.
2. "SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATIONS AND PROBING DEPTHS" PROVIDED BY ESI ON JUNE 17, 2003.
3. DREDGE AREA DELINEATIONS AS DESCRIBED BY CONTAMINATED SEDIMENT DEPTHS PROVIDED BY QEA, FEBRUARY 2004.
4. ALL LOCATIONS ARE APPROXIMATE.
5. APPROXIMATE RIVER MILE MARKERS WERE PROVIDED BY QEA ON A CD ENTITLED "2002 SIDE SCAN SONAR DATA 2001 BATHYMETRIC DATA JUNE 2003". RIVER MILE MARKERS SHOWN IN PARENTHESIS WERE APPROXIMATED BY BBL. RIVER MILE MARKERS SOUTH OF SECTION 1 HAVE NOT BEEN PROVIDED.

X: 20432X01.DWG, HUDSONRIVER01, 05511X01,05511X02,05511X06, ALLCON1, RIVCON.DWG
LT ON=*; OFF=*REF*,*TREE-CONIF,*WOODLINE,*HEDGE
PA PAGESET/PLT-DL
2/24/04 SYR-85-RLP MTK RLP
N/20432001/TSWRKPLN/20432B06.DWG

Graphic Scale
200' 0 200' 400'
1"=200'

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

No.	Date	Revisions	Init

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

Professional Engineer's Name
Professional Engineer's No.
State | Date Signed
Project Mgr. | Designed by | Drawn by

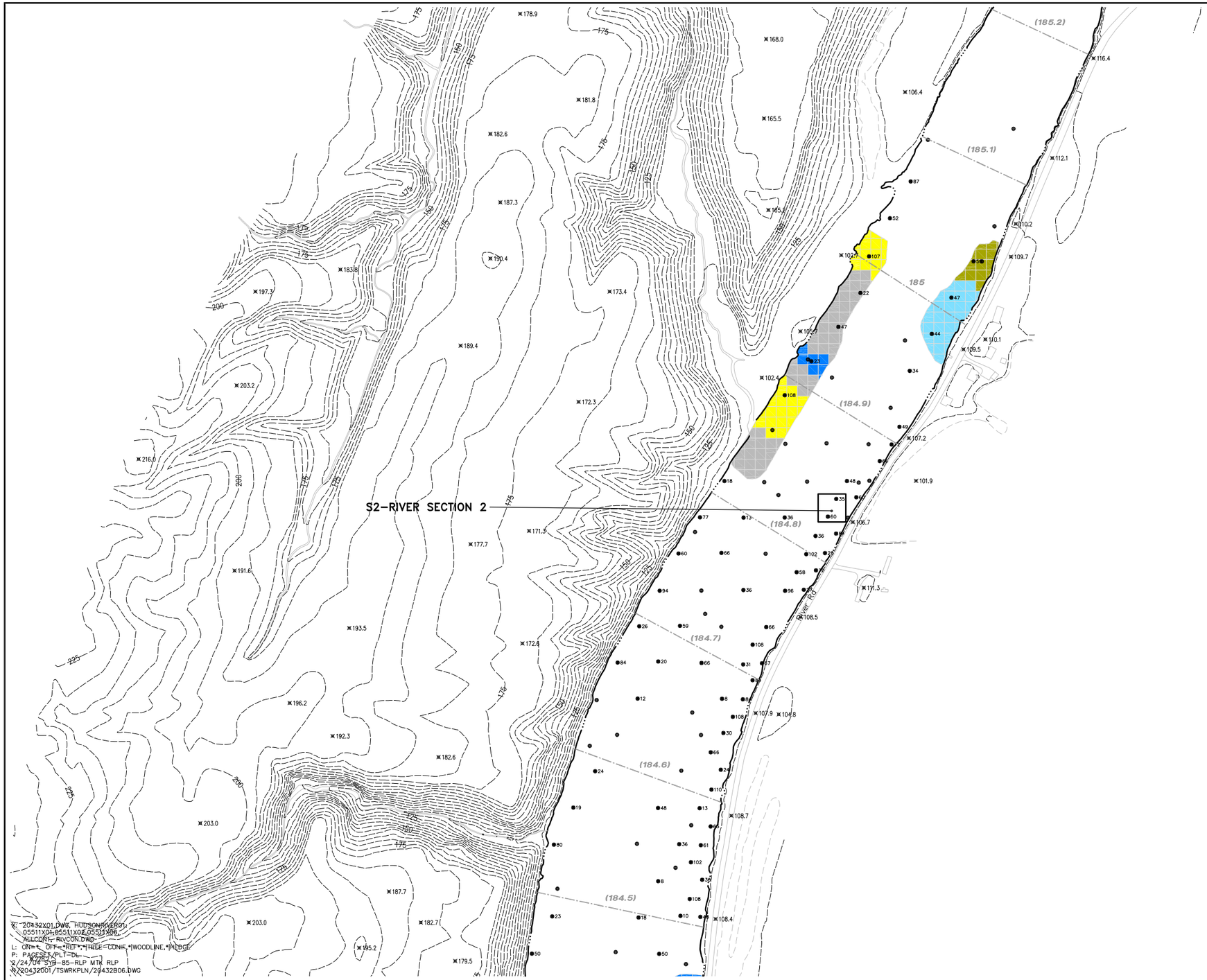
BBL BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists

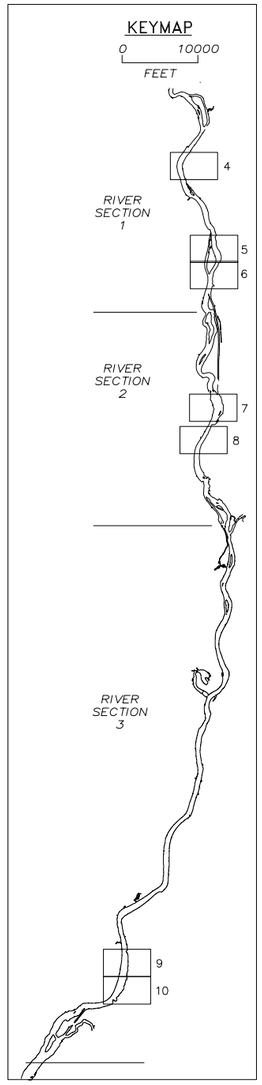
GENERAL ELECTRIC COMPANY • HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDIES WORK PLAN

PROPOSED SAMPLING LOCATIONS (APPROXIMATE RIVER MILE 186.1 - 185.6)

BBL Project No. 20432.001
Date FEBRUARY 2004
Blasland, Bouck & Lee, Inc. Corporate Headquarters 6723 Towpath Road Syracuse, NY 13214 315-446-9120

7





LEGEND:

- TREATABILITY STUDY SEDIMENT SAMPLING LOCATION (AS OF 2/6/04 PER QEA)
- 48 ● PREVIOUS SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATION AND PROBED DEPTH (INCHES)
- SHORELINE
- EXISTING FEATURE
- 194.1 APPROXIMATE RIVER MILE

CONTAMINATED SEDIMENT DEPTH (FEET):

- 0–1
- 1–2
- 2–3
- 3–4
- 4–5
- 5–6
- 6–7
- 7–8

NOTES:

1. BASEMAP PHOTOGRAMMETRY, INCLUDING SHORELINE AND UPLAND FEATURES, IS BASED ON AERIAL MAPPING PERFORMED BY CHAS H. SELLS, INC. IN THE SPRING OF 2002. HORIZONTAL DATUM: NAD 1983 NY EAST ZONE; VERTICAL DATUM: NAVD 1988.

2. "SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATIONS AND PROBING DEPTHS" PROVIDED BY ESI ON JUNE 17, 2003.

3. DREDGE AREA DELINEATIONS AS DESCRIBED BY CONTAMINATED SEDIMENT DEPTHS PROVIDED BY QEA, FEBRUARY 2004.

4. ALL LOCATIONS ARE APPROXIMATE.

5. APPROXIMATE RIVER MILE MARKERS WERE PROVIDED BY QEA ON A CD ENTITLED "2002 SIDE SCAN SONAR DATA 2001 BATHYMETRIC DATA JUNE 2003". RIVER MILE MARKERS SHOWN IN PARENTHESIS WERE APPROXIMATED BY BBL. RIVER MILE MARKERS SOUTH OF SECTION 1 HAVE NOT BEEN PROVIDED.

R: 20432X01.DWG, HUDSONRIVERBASE, 05511X01,05511X02,05511X06, ALLCON1, RIVCON.DWG
L: ON=*; OFF=*REF*,*TREE-CONF,*WOODLINE,*HEDGE
P: PAGESETUP=
2/24/04 SYB-85-RLP MTH RLP
N:\20432001\TSWRKPLN\20432B06.DWG

Graphic Scale
200' 0 200' 400'
1"=200'

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

No.	Date	Revisions	Init

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

Professional Engineer's Name

Professional Engineer's No.

State | Date Signed

Project Mgr. | Designed by | Drawn by

BBL
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

GENERAL ELECTRIC COMPANY • HUDSON RIVER PCBs SUPERFUND SITE

TREATABILITY STUDIES WORK PLAN

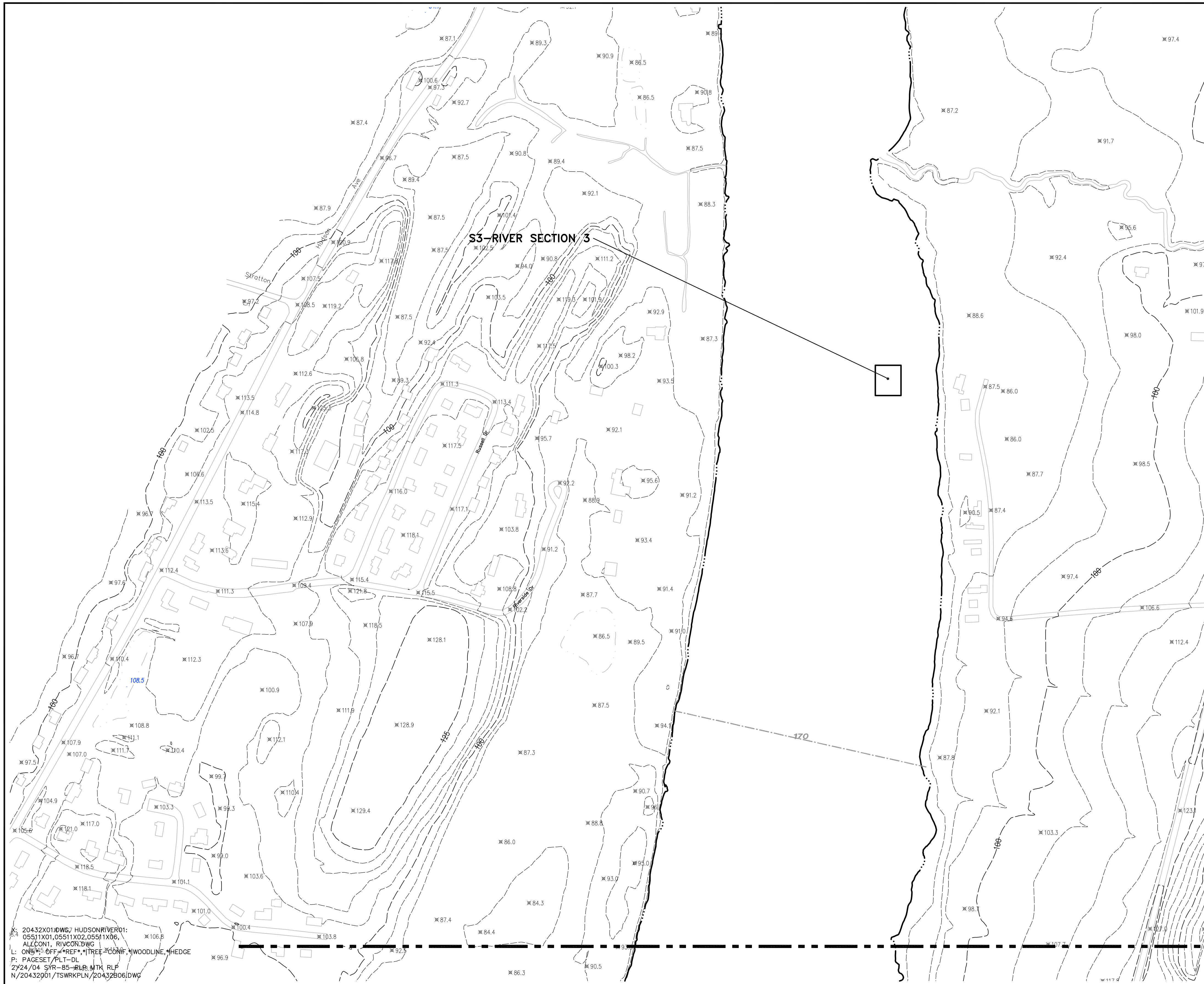
PROPOSED SAMPLING LOCATIONS (APPROXIMATE RIVER MILE 185.2 - 184.5)

BBL Project No.
20432.001

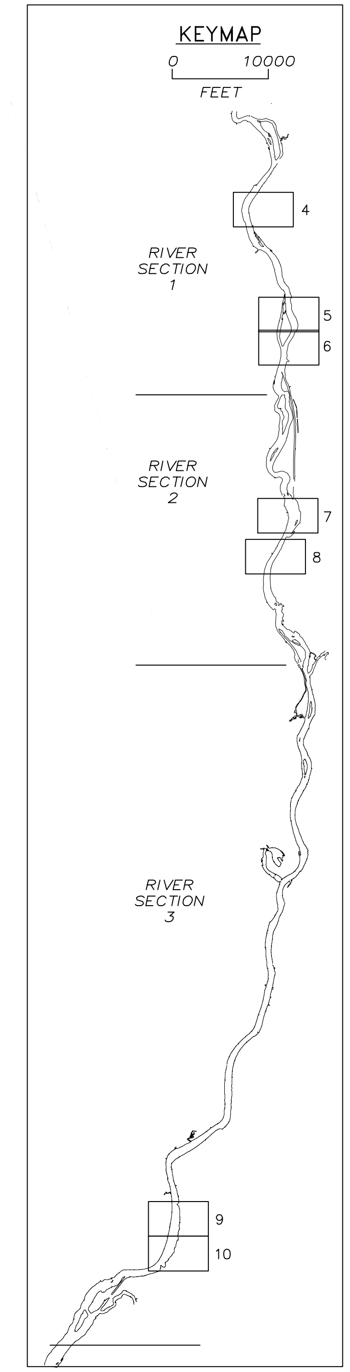
Date
FEBRUARY 2004

Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315–446–9120

8



CONTINUED ON SHEET 10



LEGEND:

- TREATABILITY STUDY SEDIMENT SAMPLING LOCATION (AS OF 2/6/04 PER QEA)
- 48 ● PREVIOUS SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATION AND PROBED DEPTH (INCHES)
- SHORELINE
- EXISTING FEATURE
- 194.1 APPROXIMATE RIVER MILE

CONTAMINATED SEDIMENT DEPTH (FEET):

- 0–1
- 1–2
- 2–3
- 3–4
- 4–5
- 5–6
- 6–7
- 7–8

NOTES:

1. BASEMAP PHOTOGRAMMETRY, INCLUDING SHORELINE AND UPLAND FEATURES, IS BASED ON AERIAL MAPPING PERFORMED BY CHAS H. SELLS, INC. IN THE SPRING OF 2002. HORIZONTAL DATUM: NAD 1983 NY EAST ZONE; VERTICAL DATUM: NAVD 1988.
2. "SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATIONS AND PROBING DEPTHS" PROVIDED BY ESI ON JUNE 17, 2003.
3. DREDGE AREA DELINEATIONS AS DESCRIBED BY CONTAMINATED SEDIMENT DEPTHS PROVIDED BY QEA, FEBRUARY 2004.
4. ALL LOCATIONS ARE APPROXIMATE.
5. APPROXIMATE RIVER MILE MARKERS WERE PROVIDED BY QEA ON A CD ENTITLED "2002 SIDE SCAN SONAR DATA 2001 BATHYMETRIC DATA JUNE 2003". RIVER MILE MARKERS SHOWN IN PARENTHESIS WERE APPROXIMATED BY BBL. RIVER MILE MARKERS SOUTH OF SECTION 1 HAVE NOT BEEN PROVIDED.

Graphic Scale
200' 0 200' 400'
1"=200'

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

No.	Date	Revisions	Init

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

Professional Engineer's Name
Professional Engineer's No.
State | Date Signed
Project Mgr. | Designed by | Drawn by

BBL
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

GENERAL ELECTRIC COMPANY • HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDIES WORK PLAN

PROPOSED SAMPLING LOCATIONS (APPROXIMATE RIVER MILE 170.5 - 169.9)

BBL Project No. 20432.001
Date FEBRUARY 2004

Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315-446-9120

CONTINUED ON SHEET 9

S1–RIVER SECTION 3

KEYMAP

0 10000 FEET

RIVER SECTION 1

RIVER SECTION 2

RIVER SECTION 3

4 5 6 7 8 9 10

LEGEND:

- TREATABILITY STUDY SEDIMENT SAMPLING LOCATION (AS OF 2/6/04 PER QEA)
- 48 ● PREVIOUS SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATION AND PROBED DEPTH (INCHES)
- SHORELINE
- EXISTING FEATURE
- 194.1 APPROXIMATE RIVER MILE

CONTAMINATED SEDIMENT DEPTH (FEET):

- 0–1
- 1–2
- 2–3
- 3–4
- 4–5
- 5–6
- 6–7
- 7–8

NOTES:

1. BASEMAP PHOTOGRAMMETRY, INCLUDING SHORELINE AND UPLAND FEATURES, IS BASED ON AERIAL MAPPING PERFORMED BY CHAS H. SELLS, INC. IN THE SPRING OF 2002. HORIZONTAL DATUM: NAD 1983 NY EAST ZONE; VERTICAL DATUM: NAVD 1988.
2. "SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATIONS AND PROBING DEPTHS" PROVIDED BY ESI ON JUNE 17, 2003.
3. DREDGE AREA DELINEATIONS AS DESCRIBED BY CONTAMINATED SEDIMENT DEPTHS PROVIDED BY QEA, FEBRUARY 2004.
4. ALL LOCATIONS ARE APPROXIMATE.
5. APPROXIMATE RIVER MILE MARKERS WERE PROVIDED BY QEA ON A CD ENTITLED "2002 SIDE SCAN SONAR DATA 2001 BATHYMETRIC DATA JUNE 2003". RIVER MILE MARKERS SHOWN IN PARENTHESIS WERE APPROXIMATED BY BBL. RIVER MILE MARKERS SOUTH OF SECTION 1 HAVE NOT BEEN PROVIDED.

X: 20432X01.DWG, HUDSONRIVER01: 05511X01,05511X02,05511X06, ALLCONTOURVCON.DWG
L: ON=*; OFF=*REF*,*|TREE–CONIF,*|WOODLINE,*|HEDGE
P: PAGESET/PLT–DL
2/24/04 SYR–B5–RLP MTK·RLP
N/20432001/TSWRKPLN/20432B06.DWG

Graphic Scale
200' 0 200' 400'
1"=200'

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED IN THE TITLE BLOCK. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

No.	Date	Revisions	Init

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

Professional Engineer's Name
Professional Engineer's No.
State | Date Signed
Project Mgr. | Designed by | Drawn by

BBL BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists

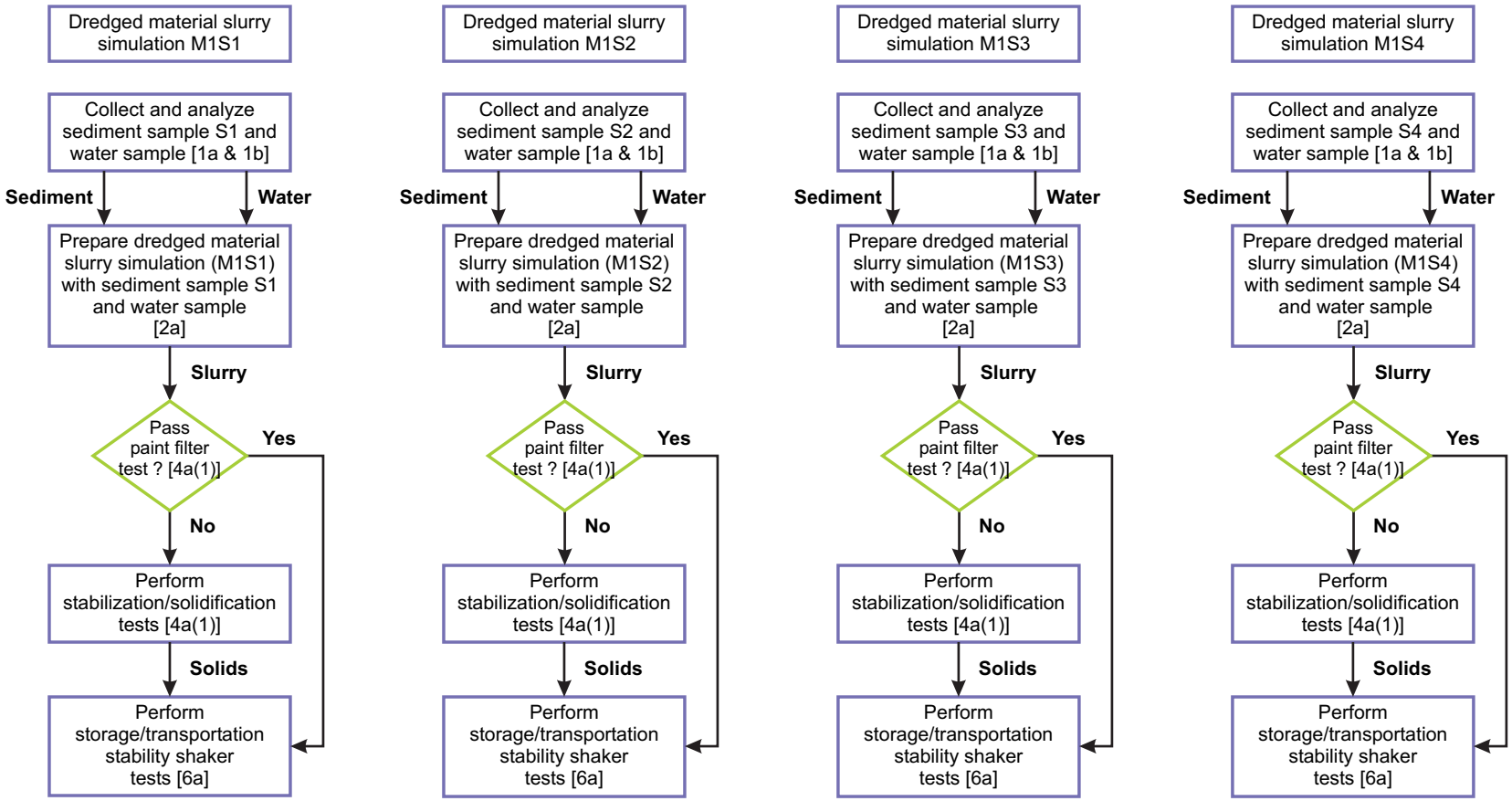
GENERAL ELECTRIC COMPANY • HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDIES WORK PLAN

PROPOSED SAMPLING LOCATIONS (APPROXIMATE RIVER MILE 169.9 - 169.1)

BBL Project No. 20432.001
Date FEBRUARY 2004

Blasland, Bouck & Lee, Inc.
Corporate Headquarters
6723 Towpath Road
Syracuse, NY 13214
315–446–9120

10



NOTES:

1. [1a(1)] = Refers to DQO and data and measurement in Table 2.
2. M1= 80:20 solids: water (volumetric basis)

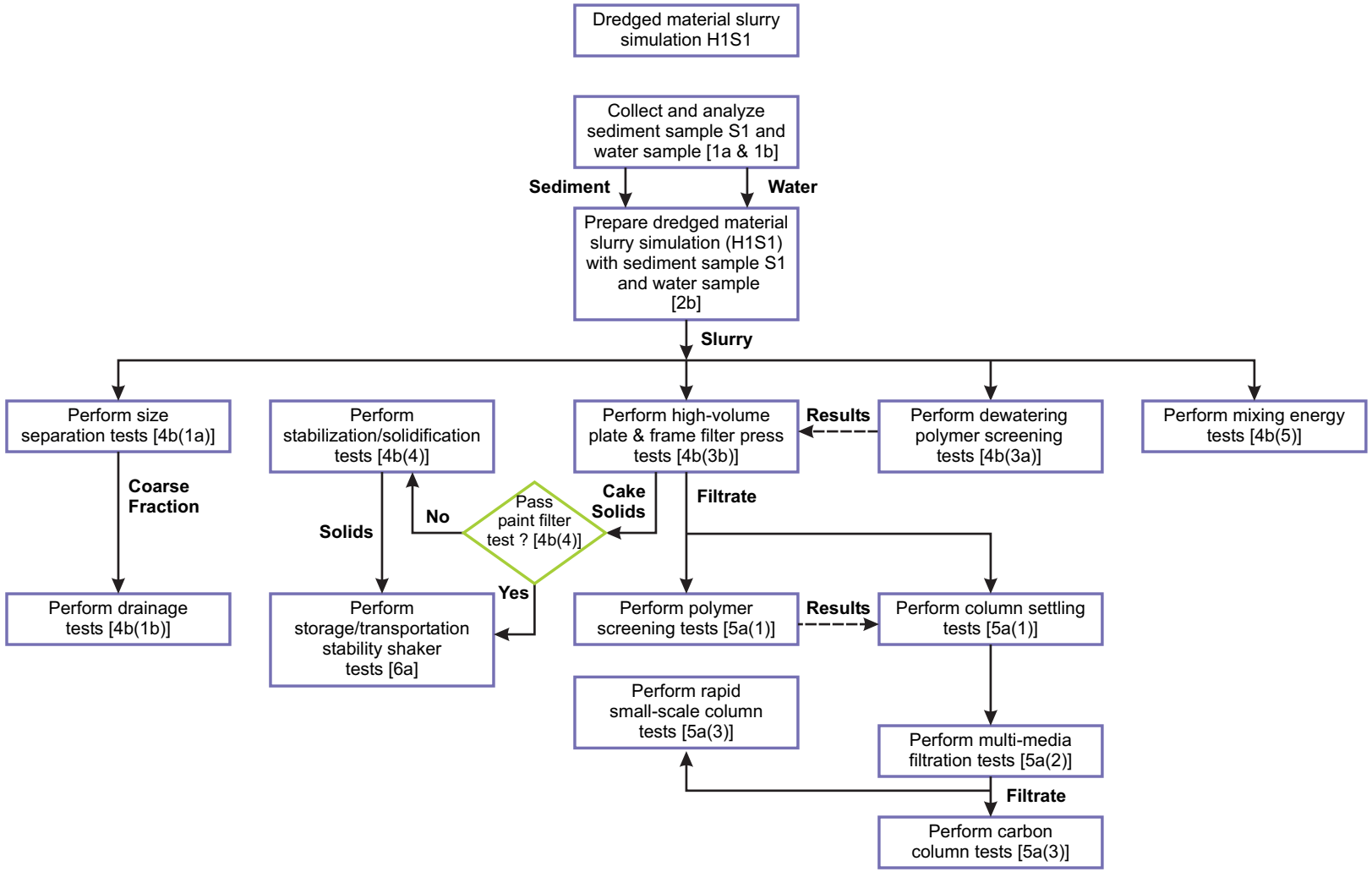
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE

TREATABILITY STUDIES WORK PLAN

TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION M1 TESTS

BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 11



NOTES:

1. [1a(1)] = Refers to DQO and data and measurement in Table 2.
2. H1 = 25:75 solids: water (weight proportions)

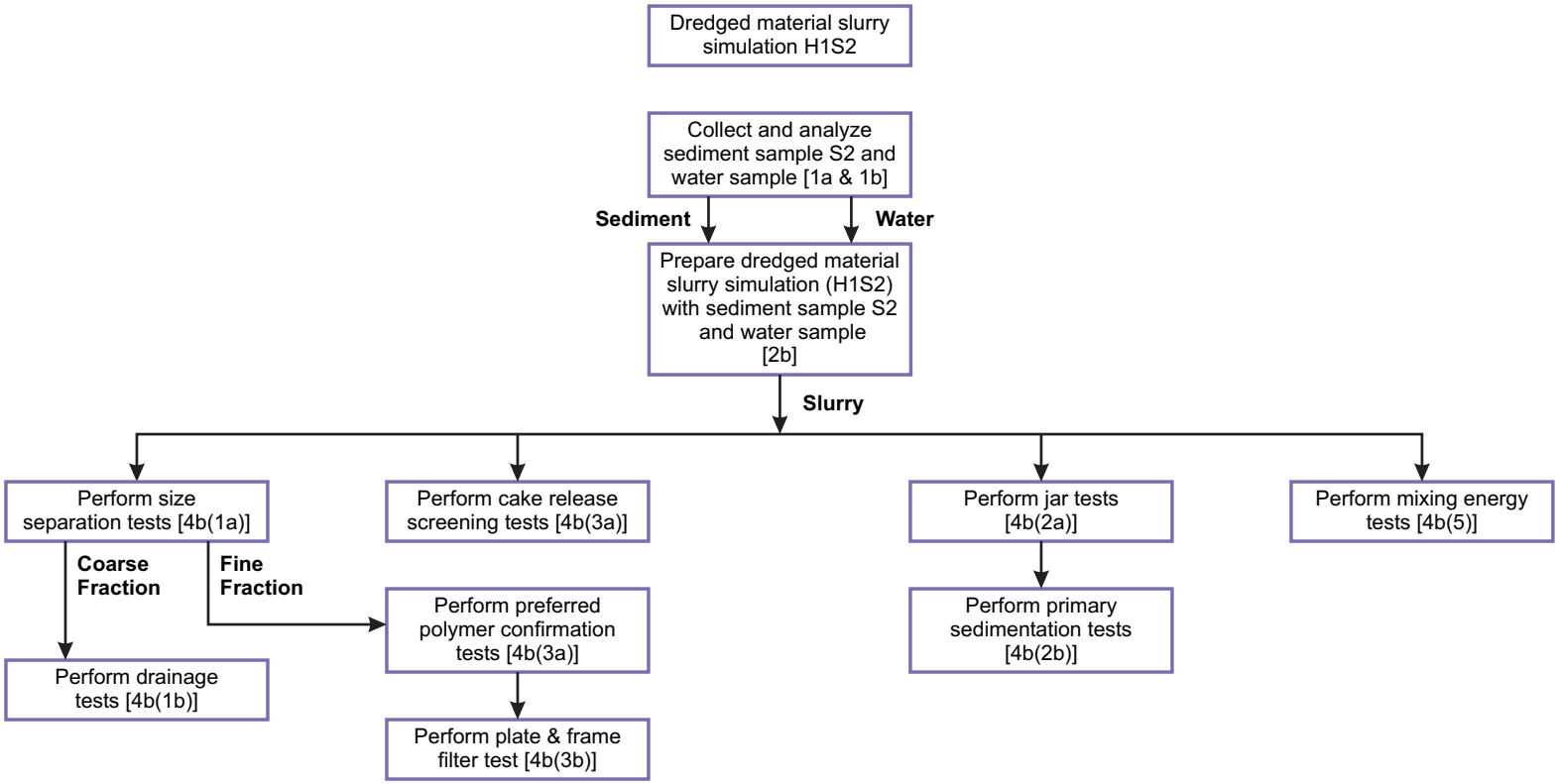
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE

TREATABILITY STUDIES WORK PLAN

TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H1S1 TESTS

BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 12



NOTES:

1. [1a(1)] = Refers to DQO and data and measurement in Table 2.
2. H1 = 25:75 solids: water (weight proportions)

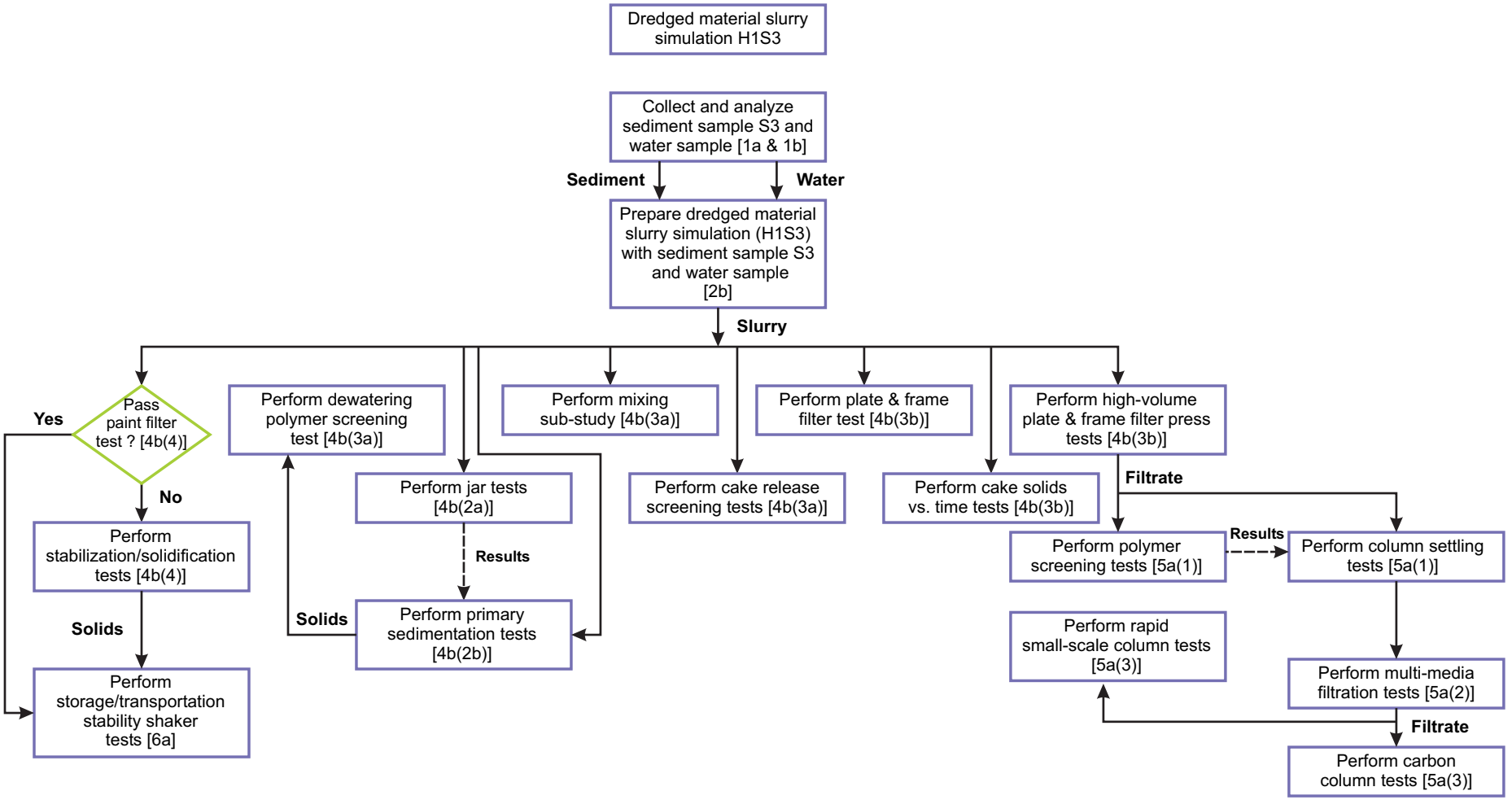
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE

TREATABILITY STUDIES WORK PLAN

TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H1S2 TESTS

BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 13



NOTES:

1. [1a(1)] = Refers to DQO and data and measurement in Table 2.
2. H1 = 25:75 solids: water (weight proportions)

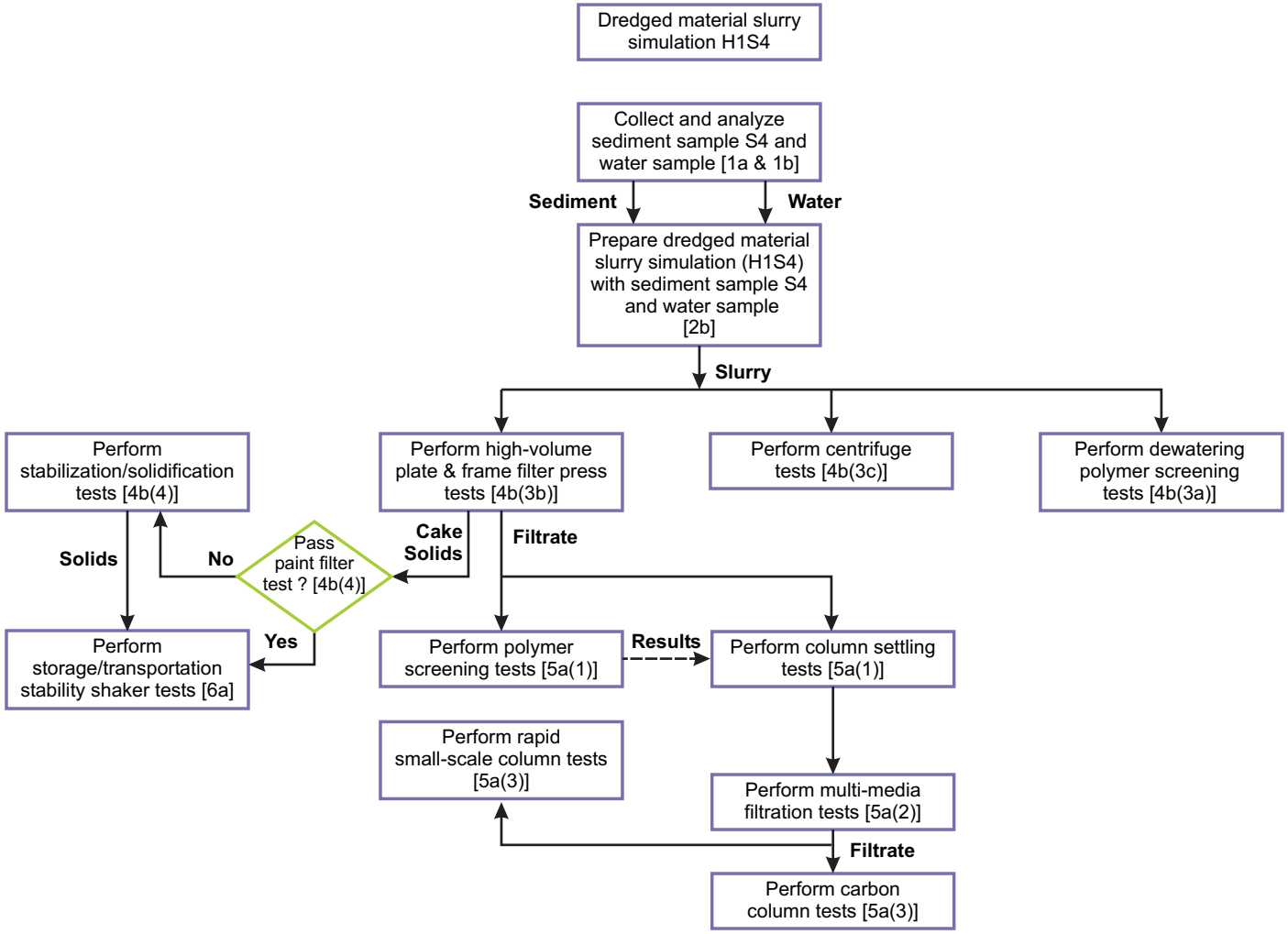
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE

TREATABILITY STUDIES WORK PLAN

TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H1S3 TESTS

BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 14



NOTES:

1. [1a(1)] = Refers to DQO and data and measurement in Table 2.
2. H1 = 25:75 solids: water (weight proportions)

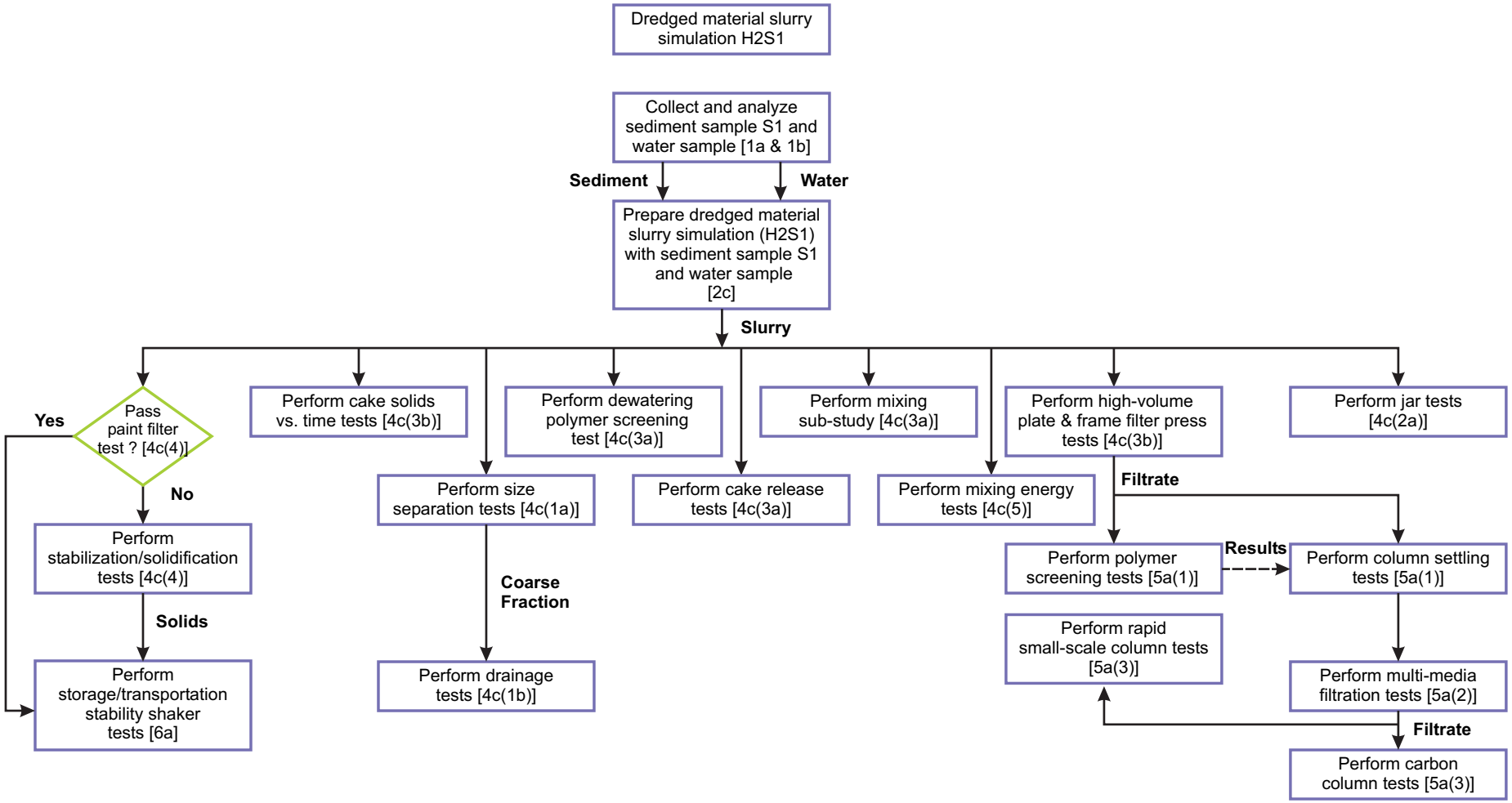
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE

TREATABILITY STUDIES WORK PLAN

TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H1S4 TESTS

BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 15



NOTES:

1. [1a(1)] = Refers to DQO and data and measurement in Table 2.
2. H2 = 5:95 solids: water (weight proportions)

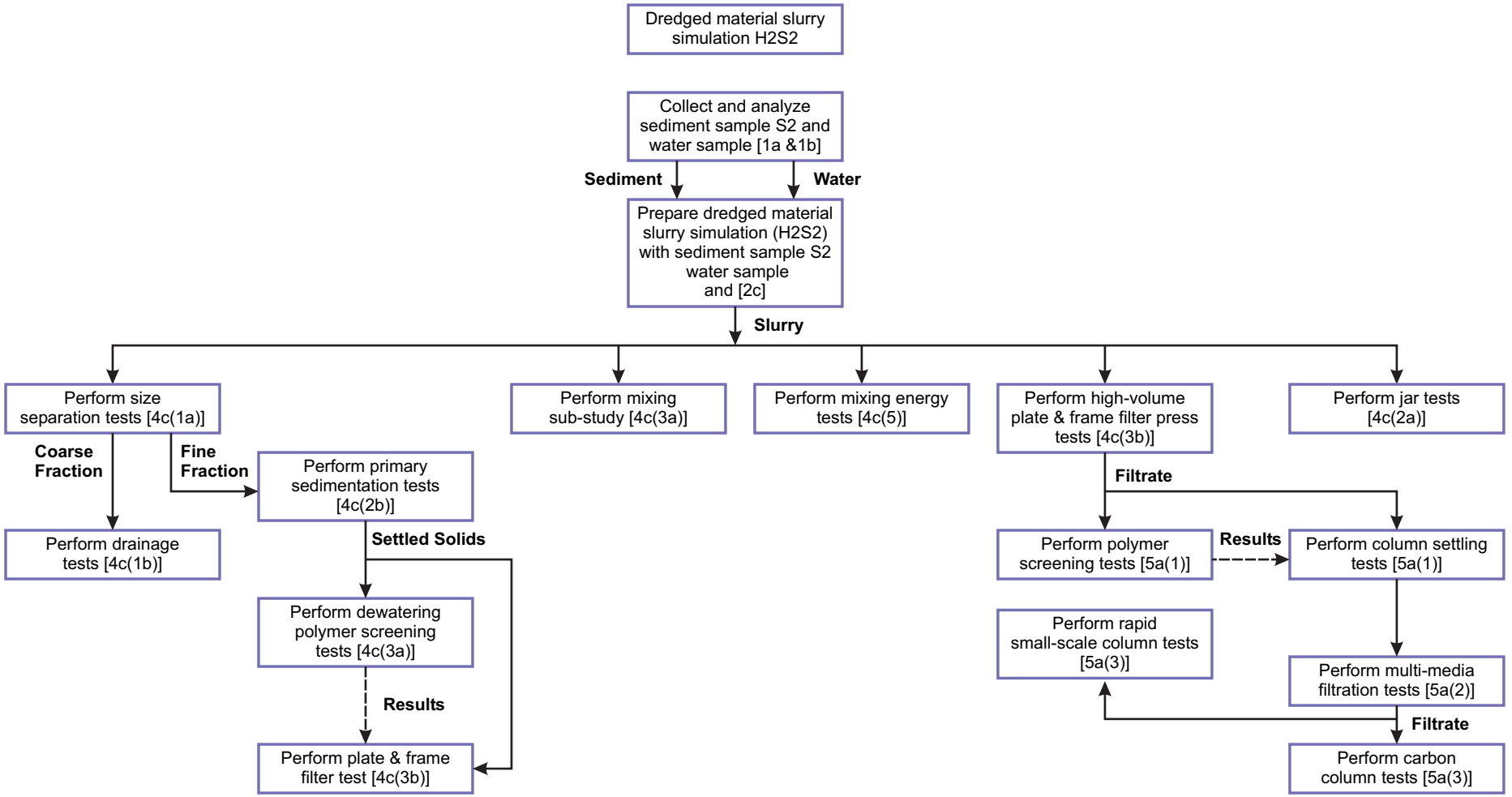
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE

TREATABILITY STUDIES WORK PLAN

TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H2S1 TESTS

BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 16



NOTES:

1. [1a(1)] = Refers to DQO and data and measurement in Table 2.
2. H2 = 5:95 solids: water (weight proportions)

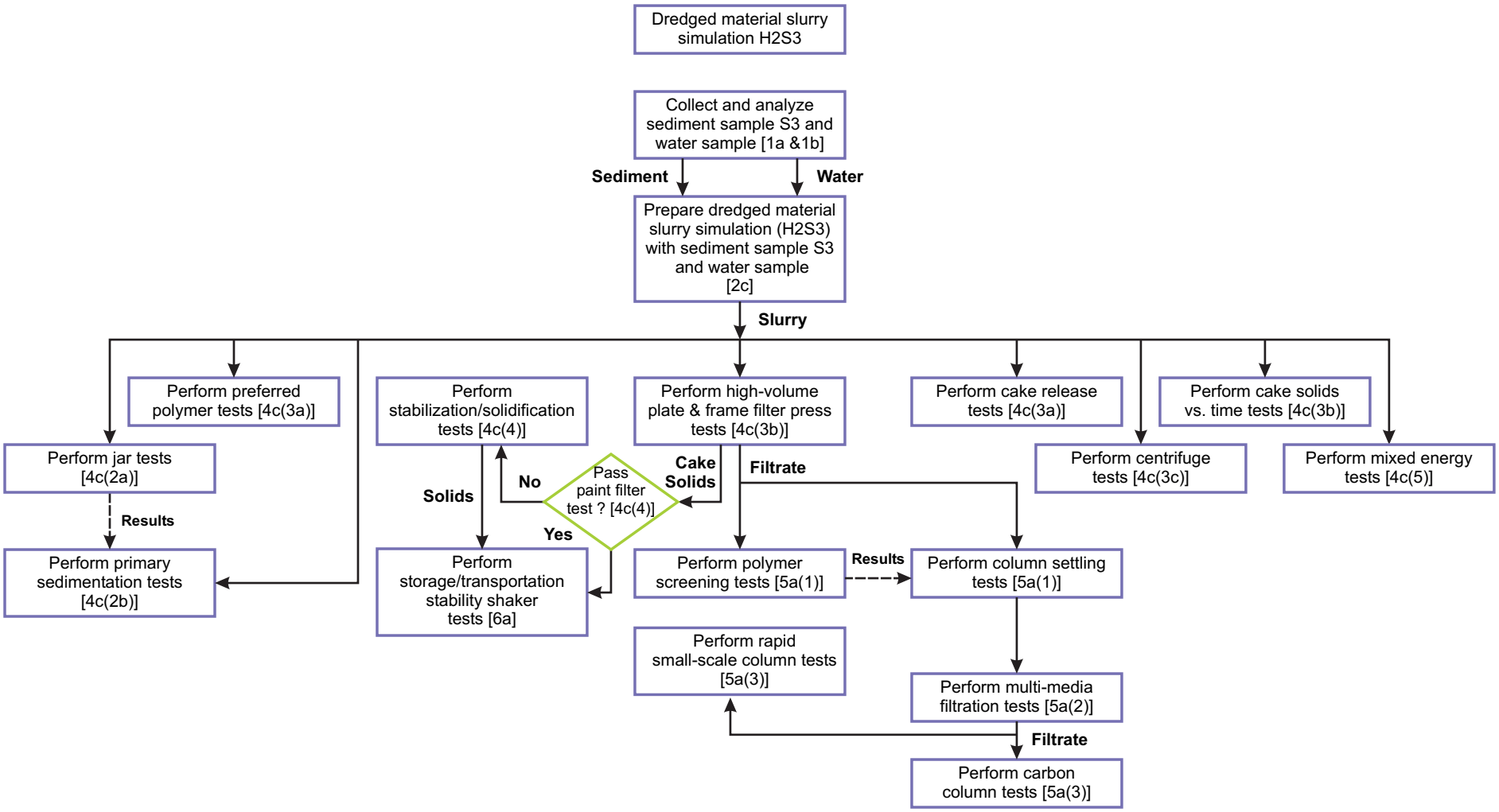
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE

TREATABILITY STUDIES WORK PLAN

TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H2S2 TESTS

BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 17



NOTES:

1. [1a(1)] = Refers to DQO and data and measurement in Table 2.
2. H2 = 5:95 solids: water (weight proportions)

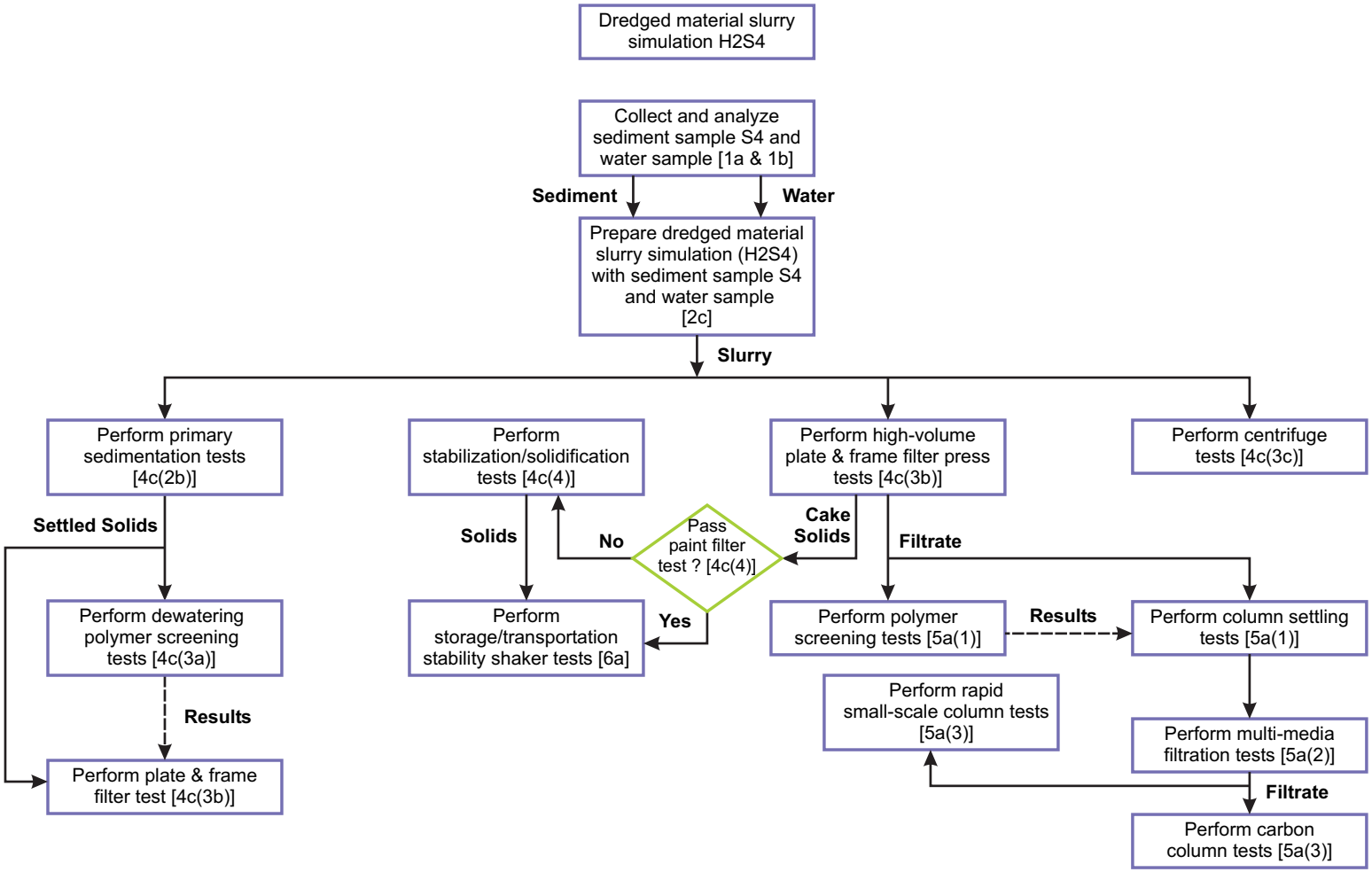
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE

TREATABILITY STUDIES WORK PLAN

TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H2S3 TESTS

BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 18



NOTES:

1. [1a(1)] = Refers to DQO and data and measurement in Table 2.
2. H2 = 5:95 solids: water (weight proportions)

GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBS SUPERFUND SITE

TREATABILITY STUDIES WORK PLAN

TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H2S4 TESTS

BBL® BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 19