Figures

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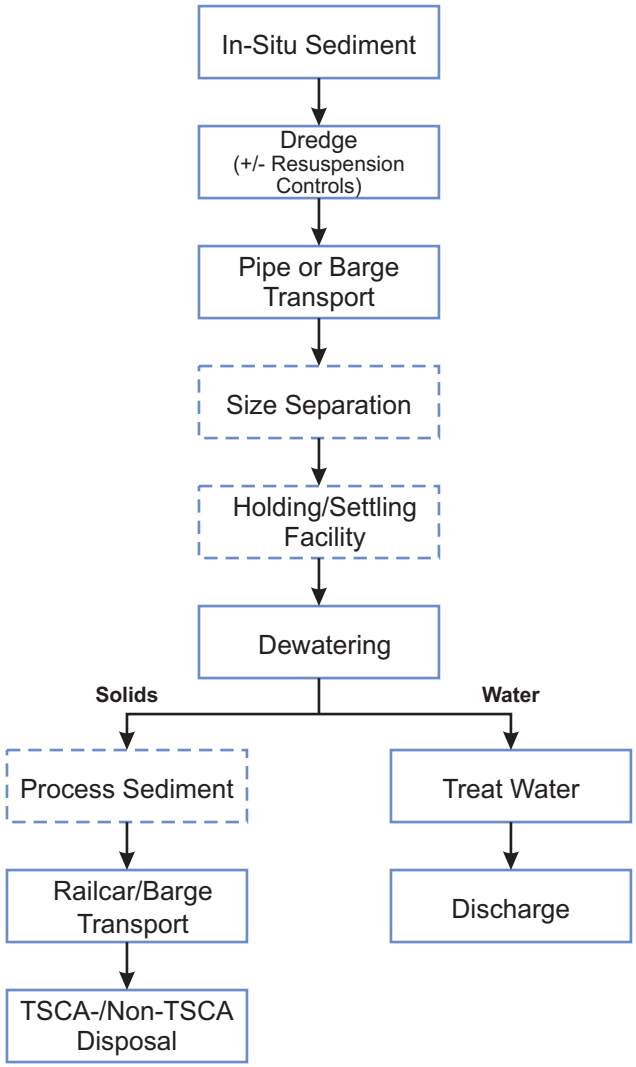

NOTES:

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

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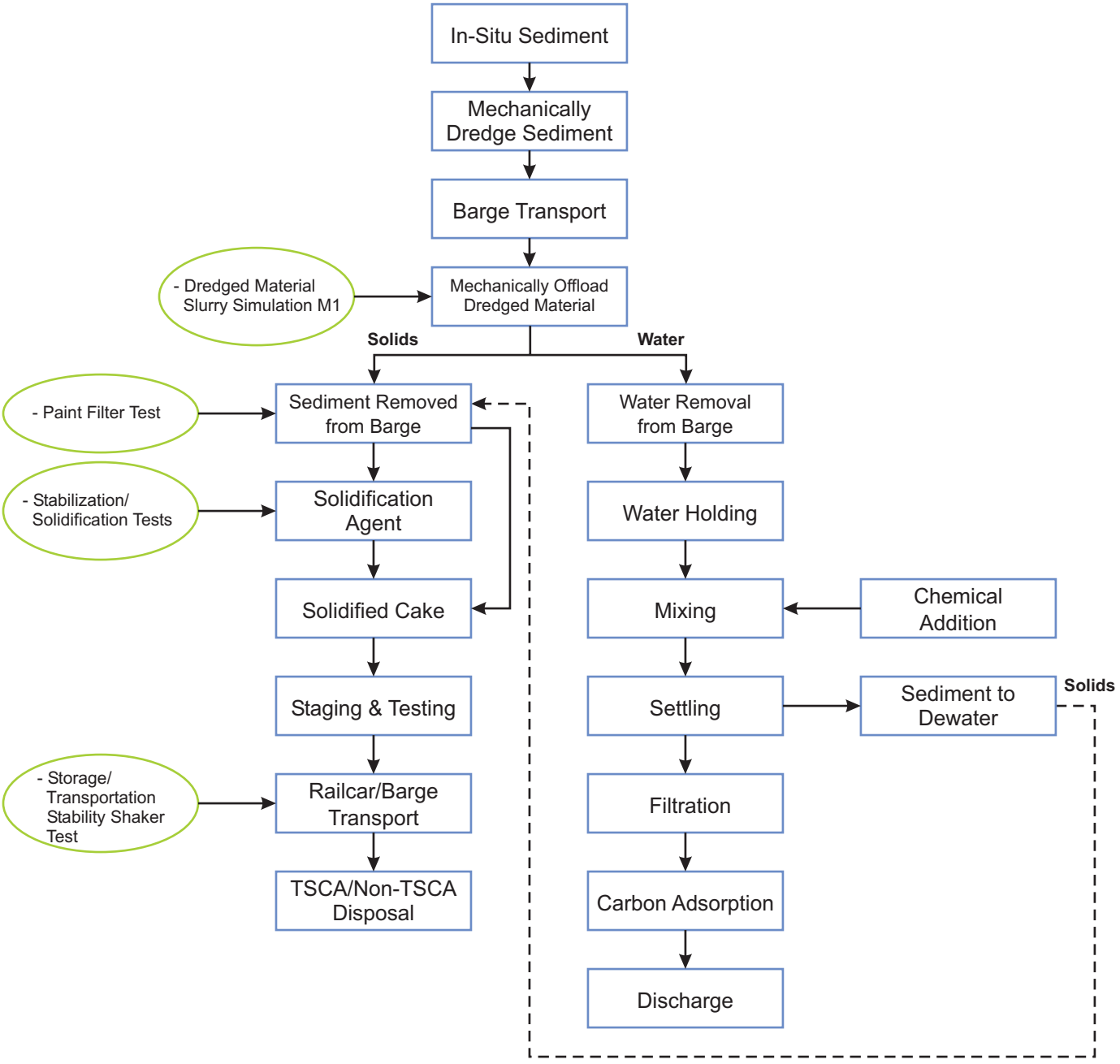
FIGURE
1



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

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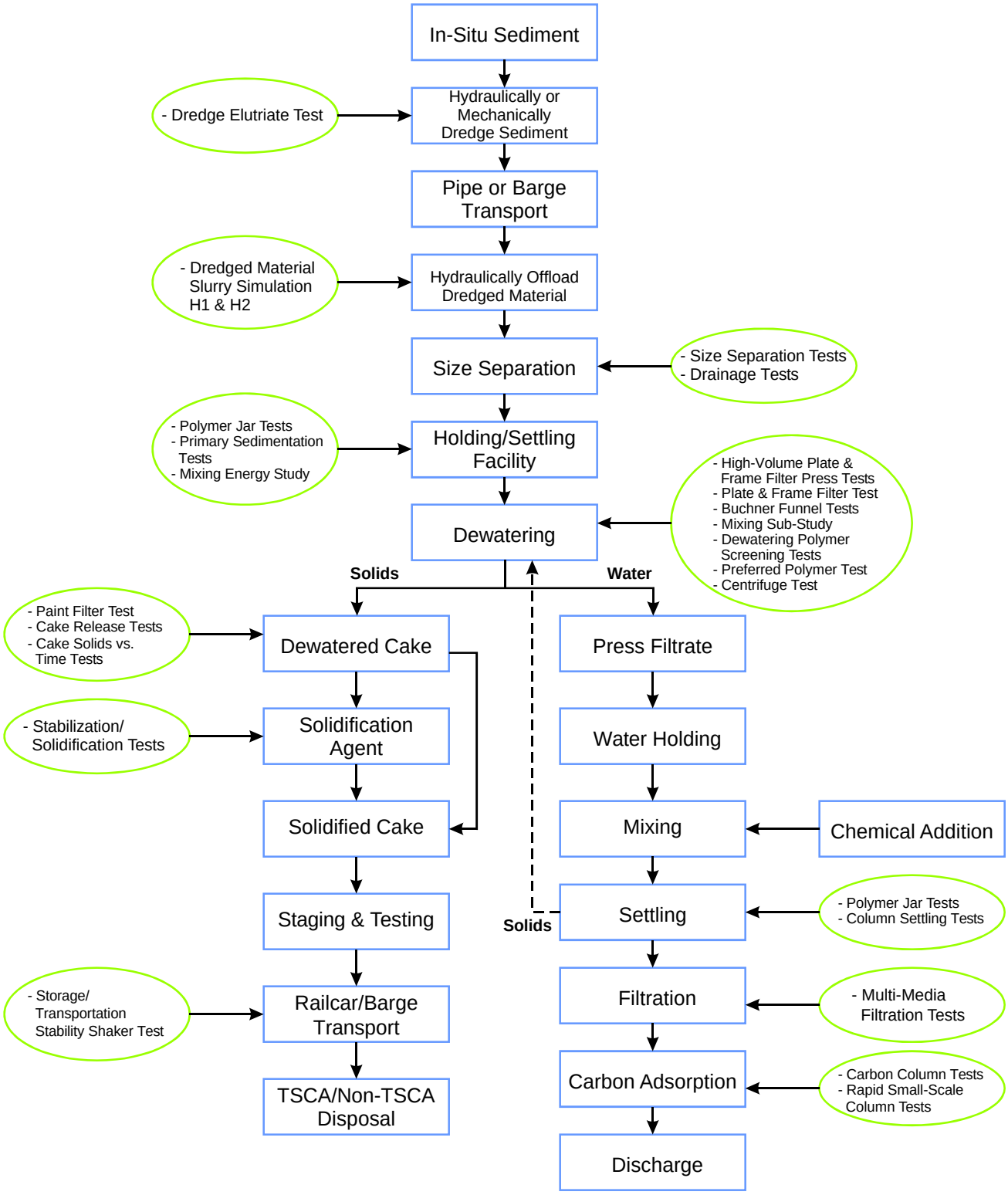
FIGURE 2



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

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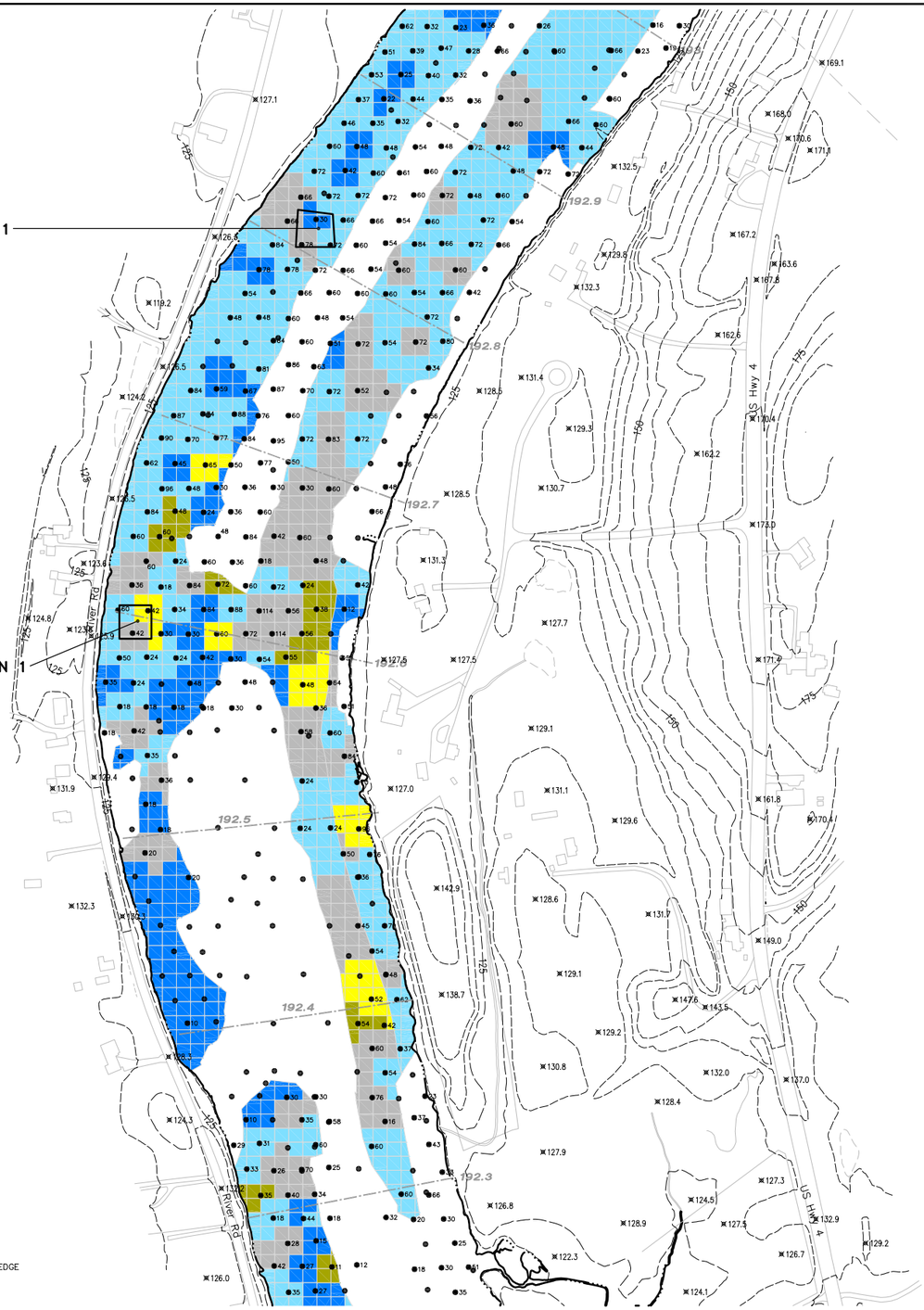
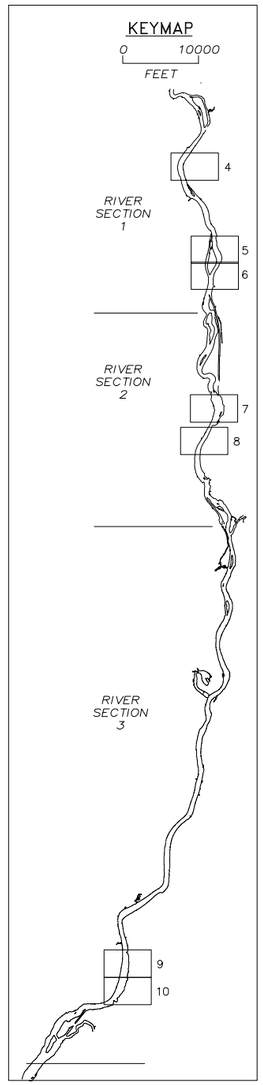
FIGURE 3

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.
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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'

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

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

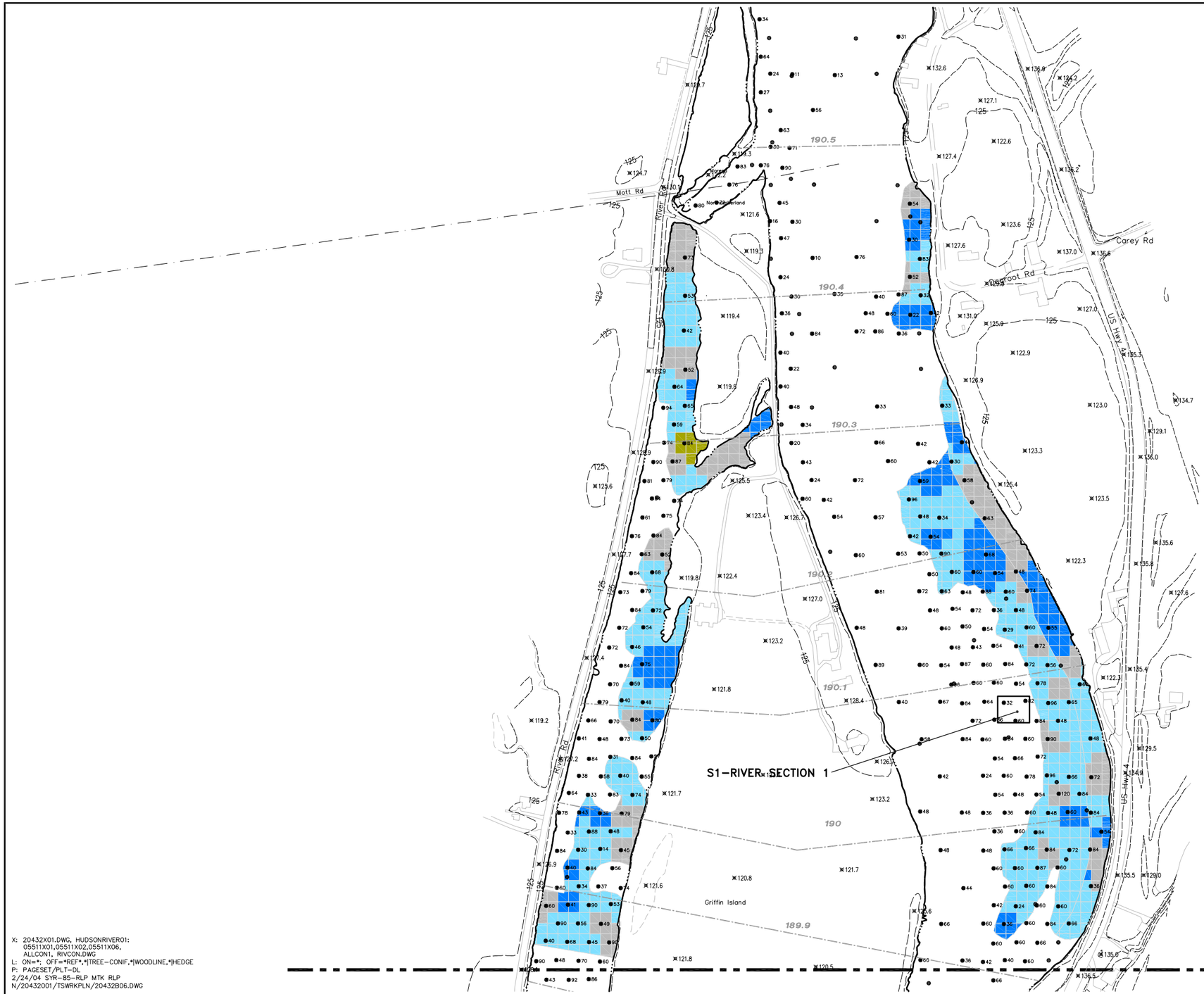
GENERAL ELECTRIC COMPANY • HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDIES WORK PLAN

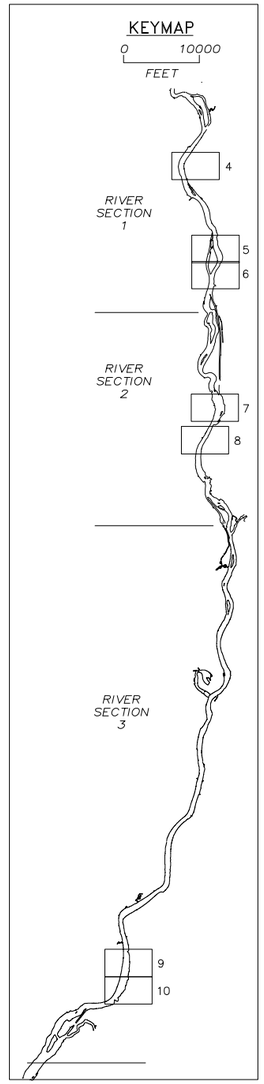
PROPOSED SAMPLING LOCATIONS (RIVER MILE 193.0 TO 192.3)

BBL Project No. 20432.001
Date FEBRUARY 2004

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

4





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- 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:

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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

CONTINUED ON SHEET 6

Graphic Scale
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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

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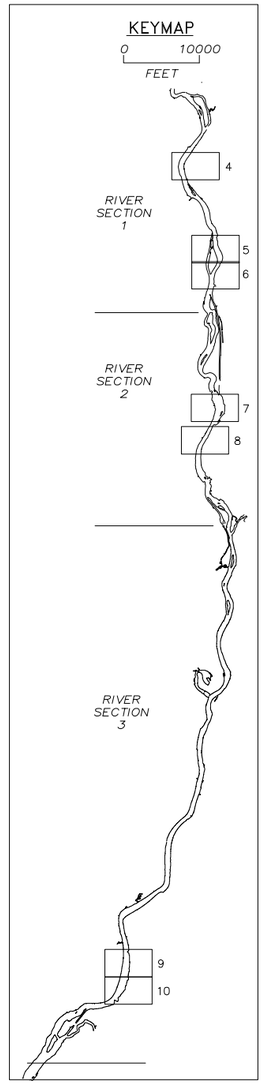
5

CONTINUED ON SHEET 5

S4–RIVER SECTION 1



LEGEND:

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- 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.

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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'

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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

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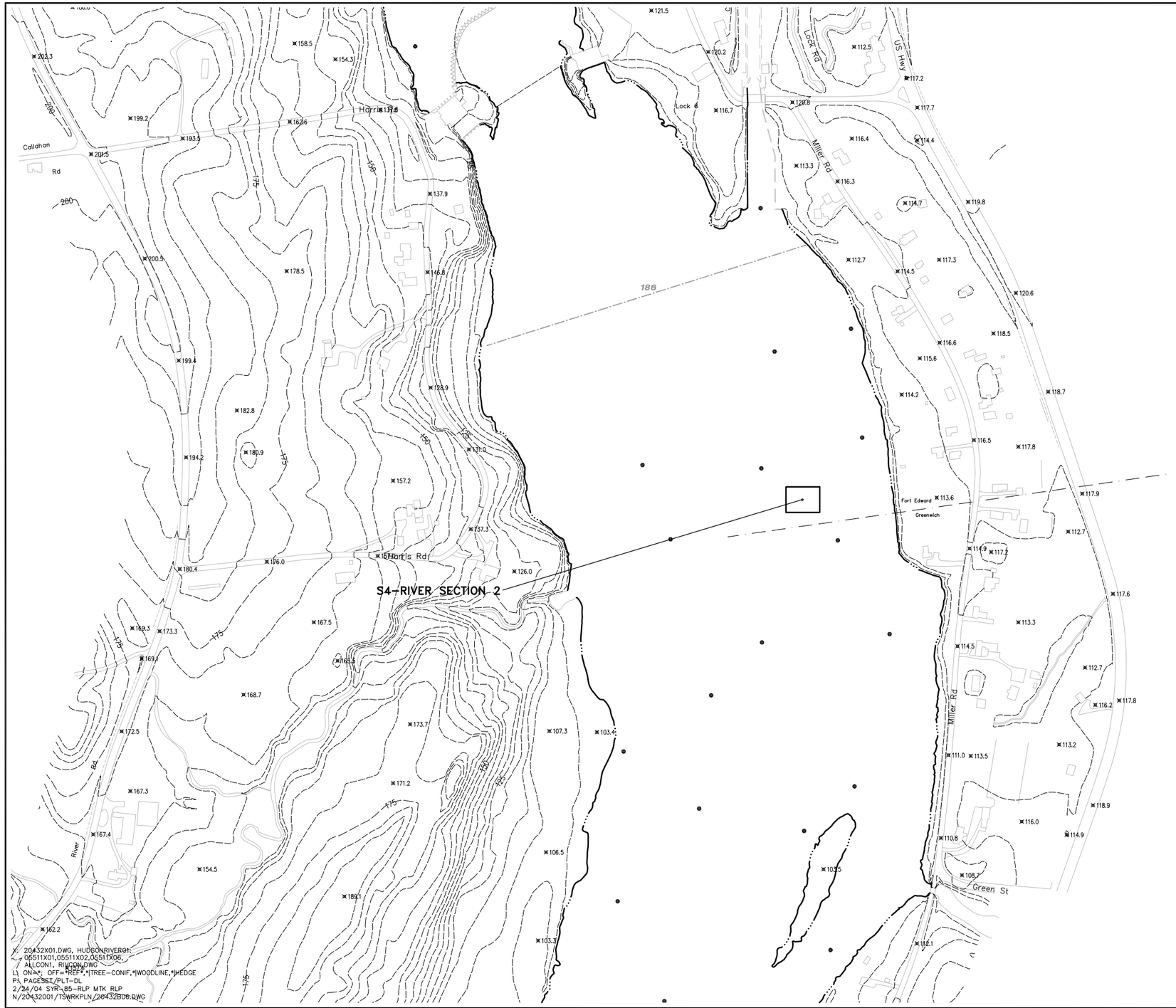

LEGEND:

- 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:

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PAGESET/PLT-DL
2/24/04 SYR-85-RLP MTK RLP
N/20432001/TSWRKPLN/20432B06.DWG

Graphic Scale
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1"=200'

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

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

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TREATABILITY STUDIES WORK PLAN

PROPOSED SAMPLING LOCATIONS (APPROXIMATE RIVER MILE 186.1 - 185.6)

BBL Project No. 20432.001
Date FEBRUARY 2004
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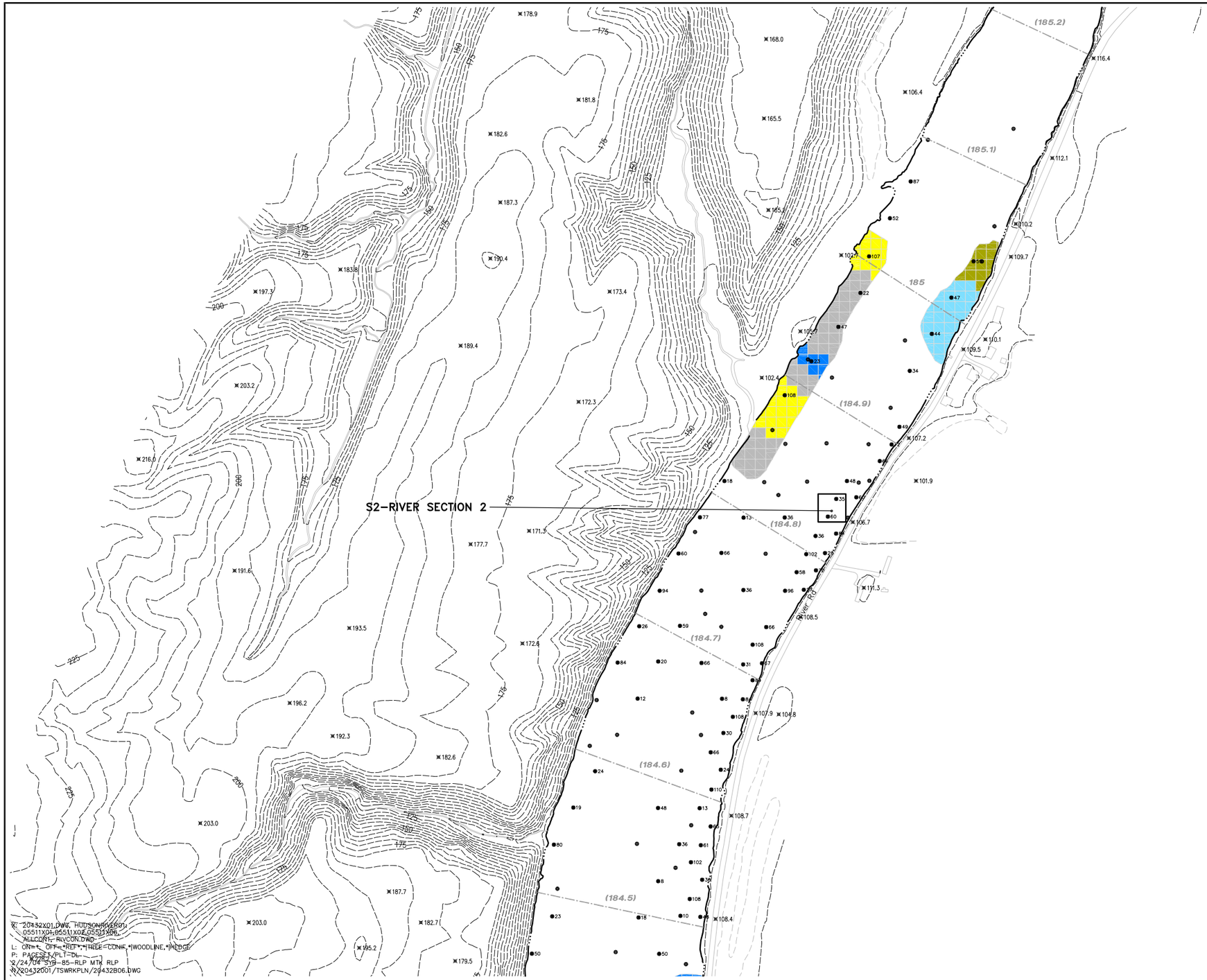

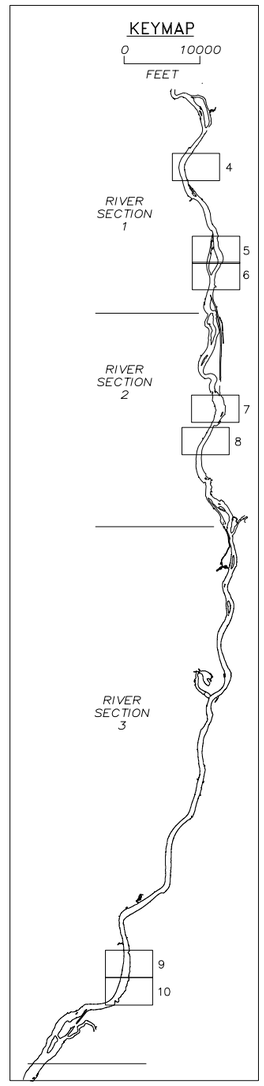

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- 48 ● PREVIOUS SEDIMENT SAMPLING AND ANALYSIS PROGRAM SAMPLE LOCATION AND PROBED DEPTH (INCHES)
- SHORELINE
- EXISTING FEATURE
- 194.1 APPROXIMATE RIVER MILE

CONTAMINATED SEDIMENT DEPTH (FEET):

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

NOTES:

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R: 20432X01.DWG, HUDSONRIVERBASE, 05511X01,0551!X02,05511X06, ALLCON1, RIVCON.DWG
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2/24/04 SYB-85-RLP MTK RLP
N:\20432001\TSWRKPLN\20432B06.DWG

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

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Professional Engineer's No.

State | Date Signed

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engineers, scientists, economists

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TREATABILITY STUDIES WORK PLAN

PROPOSED SAMPLING LOCATIONS (APPROXIMATE RIVER MILE 185.2 - 184.5)

BBL Project No. 20432.001

Date FEBRUARY 2004

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Syracuse, NY 13214
315–446–9120

8

S3–RIVER SECTION 3

CONTINUED ON SHEET 10

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:

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20432X01.DWG 7 HUDSONRIVER01: 05511X01,05511X02,05511X06, ALLCON1, RIVCON1.DWG
L: ON*,*-DIM,*OFF*,*REF*,*TREE CONT*,*WOODLINE,*HEDGE
P: PAGESET/PLT-DL
2/24/04 SYR-85-08 SETH RLF
N/20432001/TSWRKPLN/20432B06/DWG

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

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engineers, scientists, economists

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

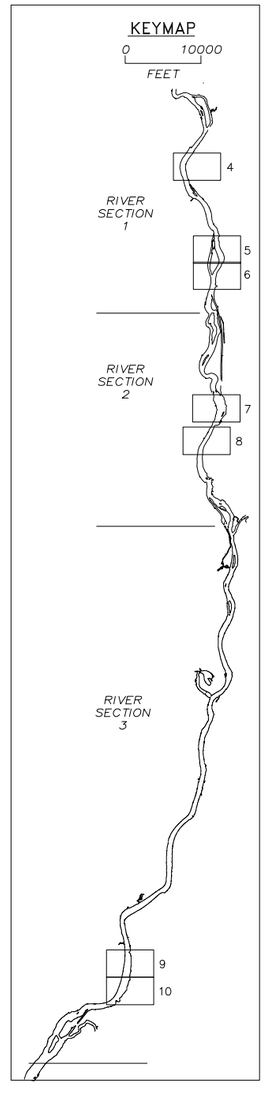
PROPOSED SAMPLING LOCATIONS (APPROXIMATE RIVER MILE 170.5 - 169.9)

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



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- 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

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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'

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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 (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

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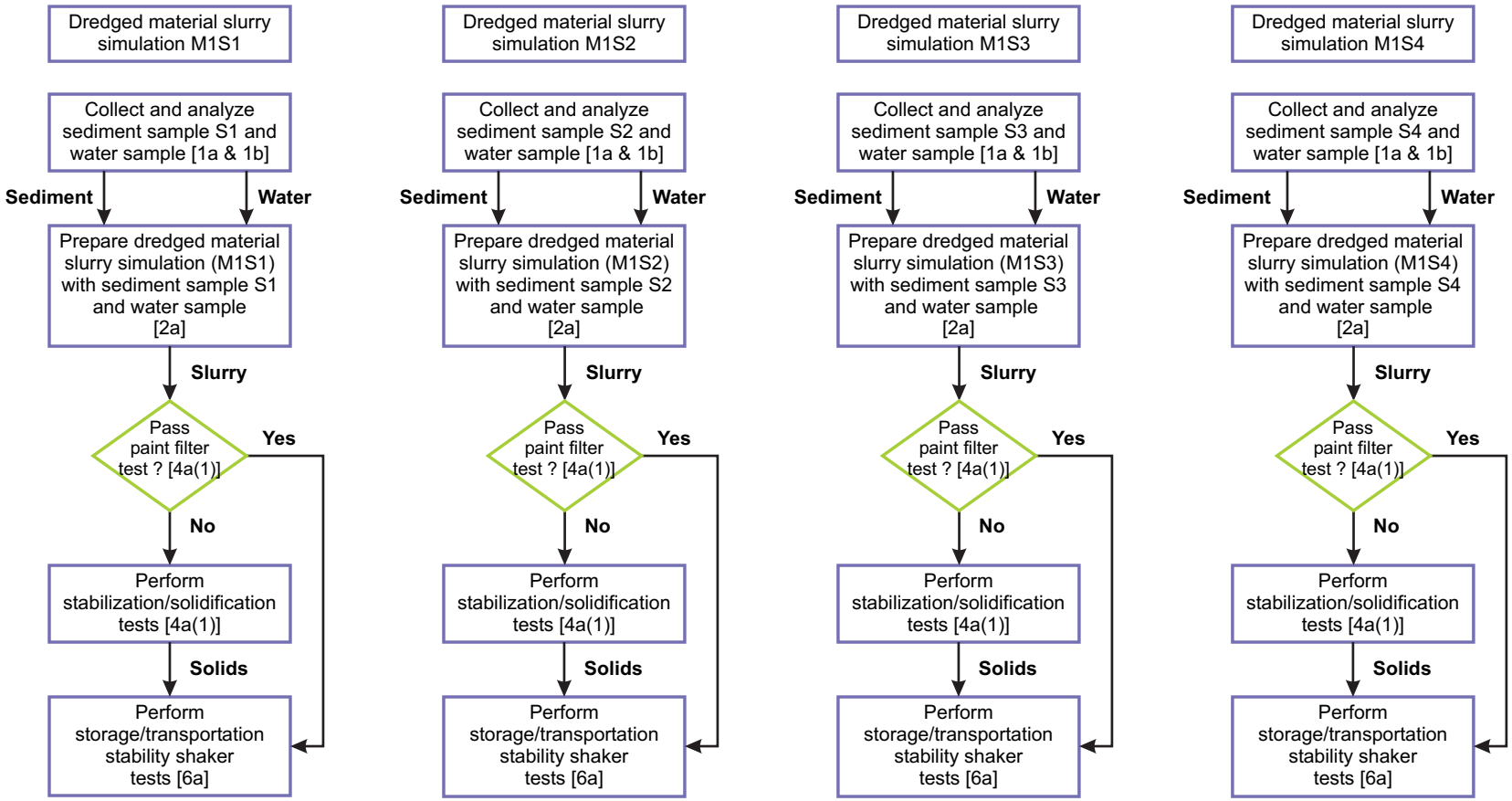

NOTES:

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

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TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION M1 TESTS

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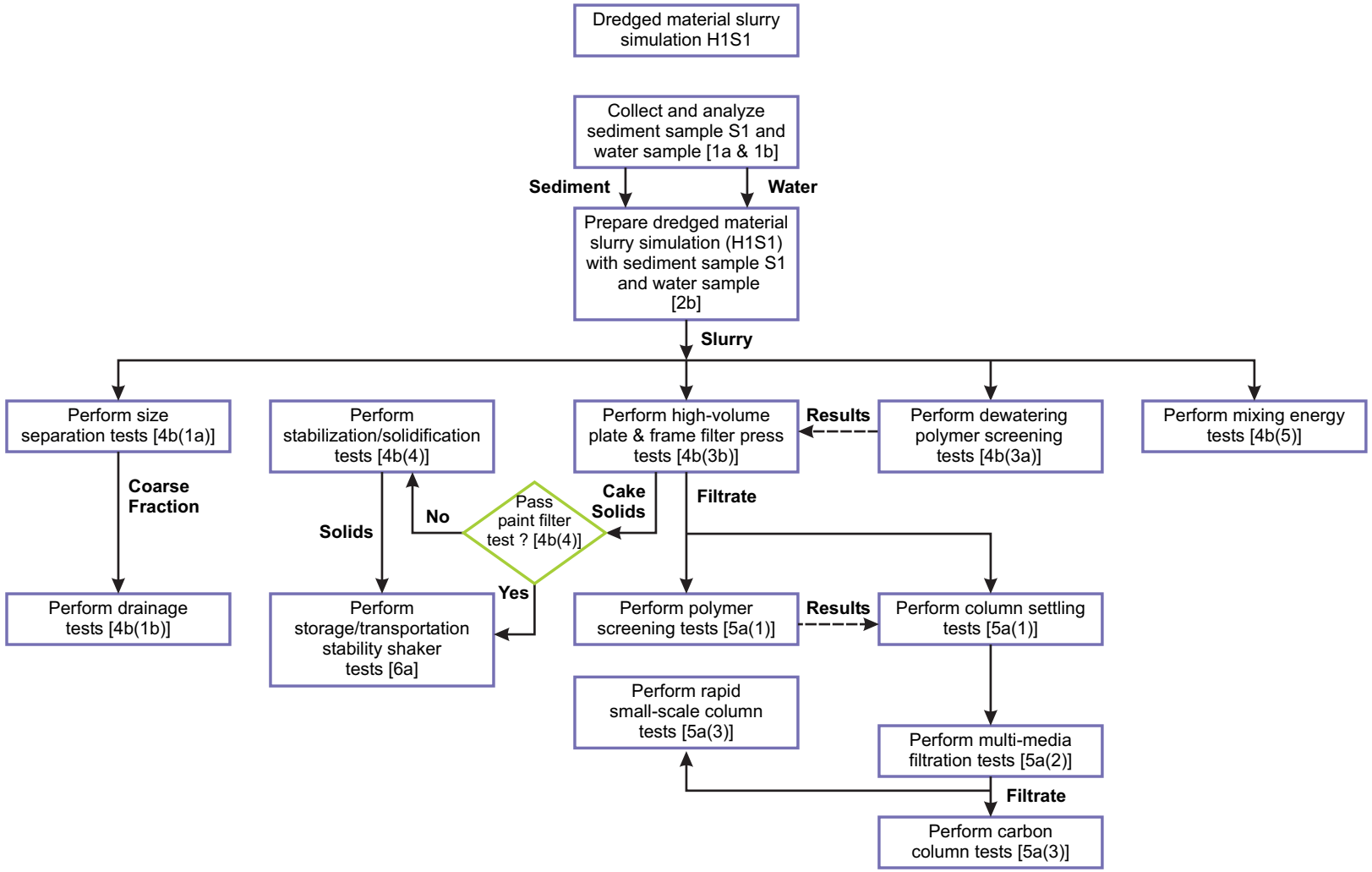
FIGURE 11



NOTES:

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

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TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H1S1 TESTS

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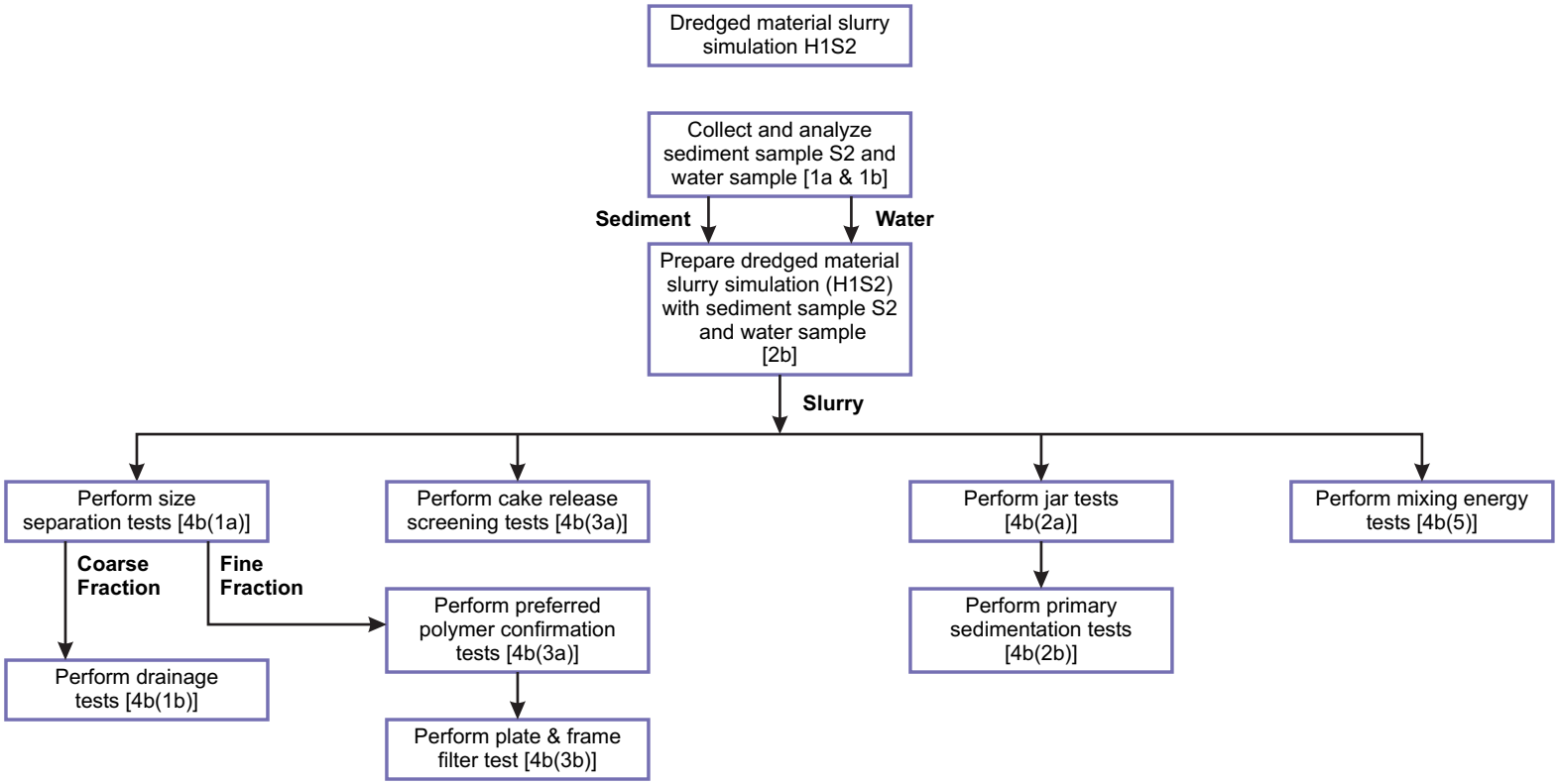
FIGURE 12



NOTES:

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

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TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H1S2 TESTS

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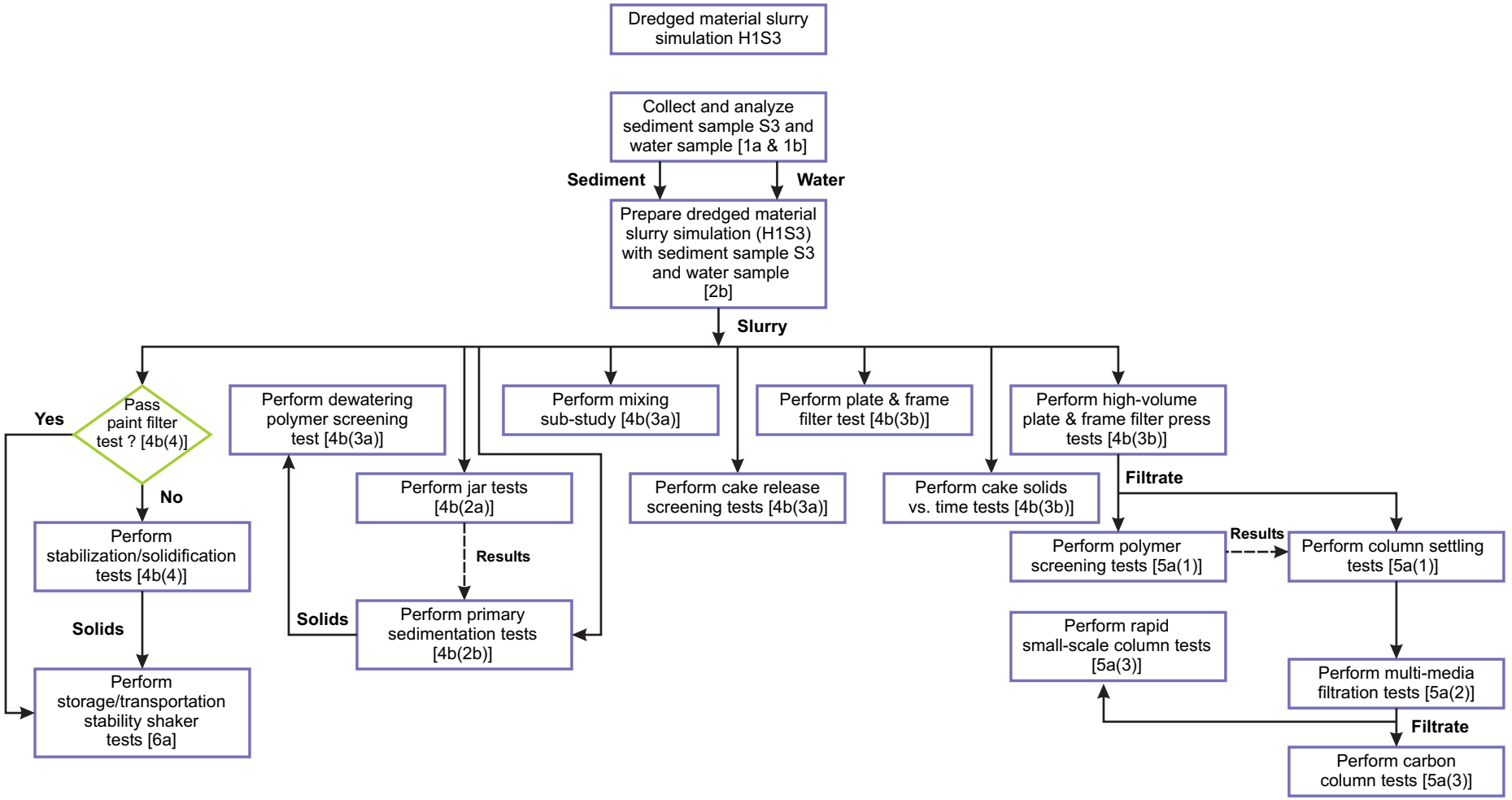
FIGURE 13



NOTES:

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

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TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H1S3 TESTS

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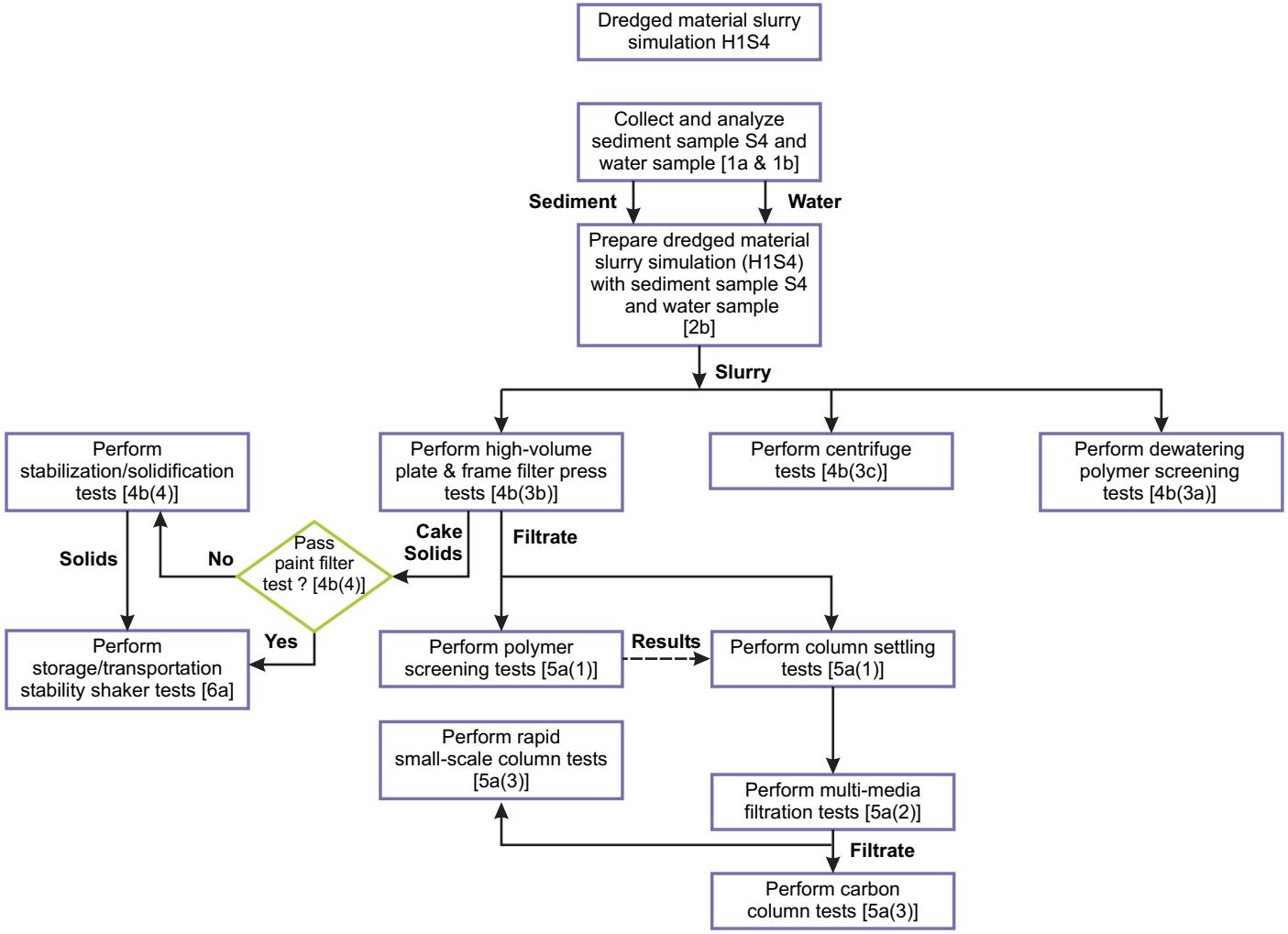
FIGURE 14



NOTES:

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

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TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H1S4 TESTS

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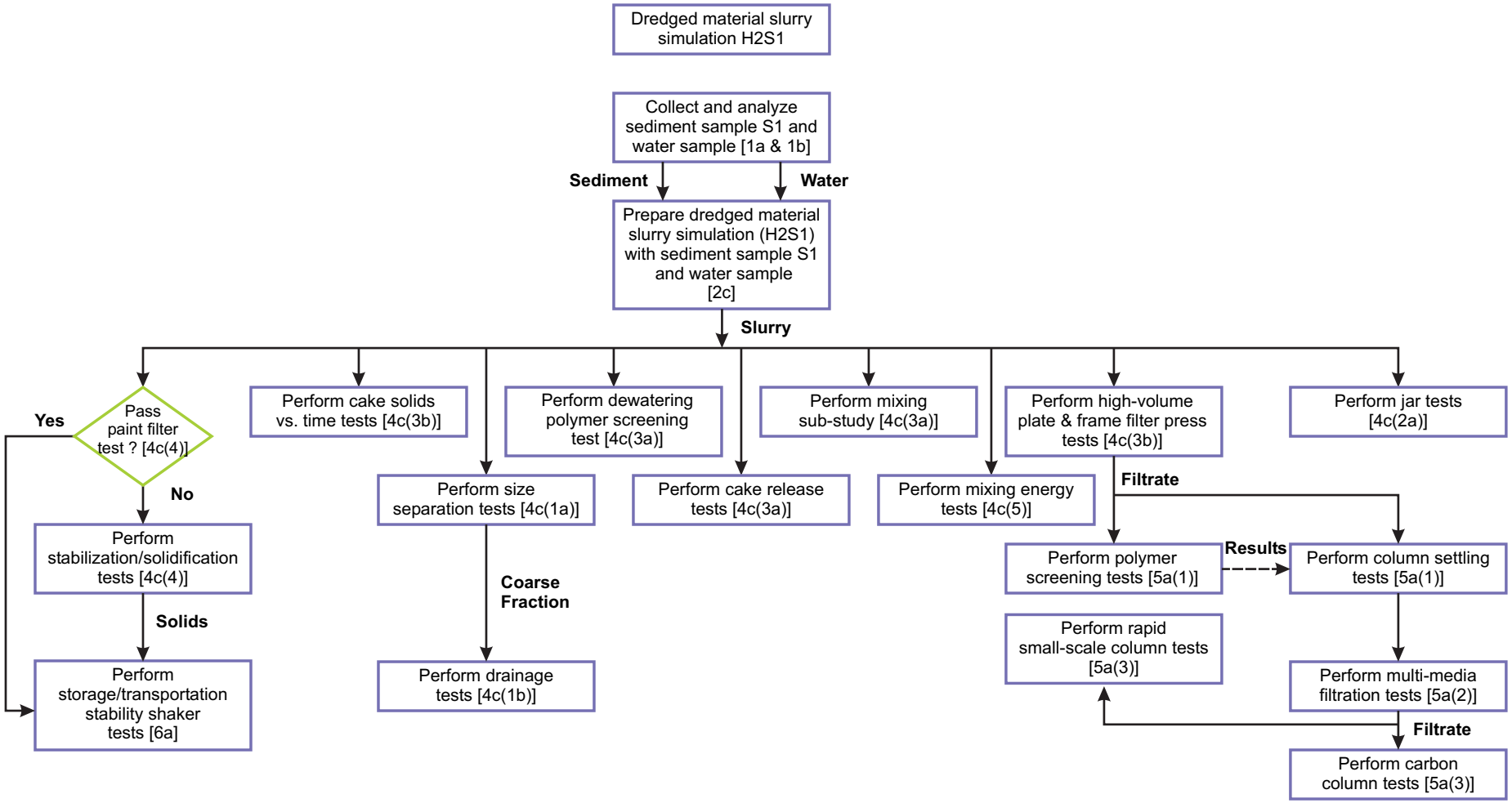
FIGURE 15



NOTES:

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

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TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H2S1 TESTS

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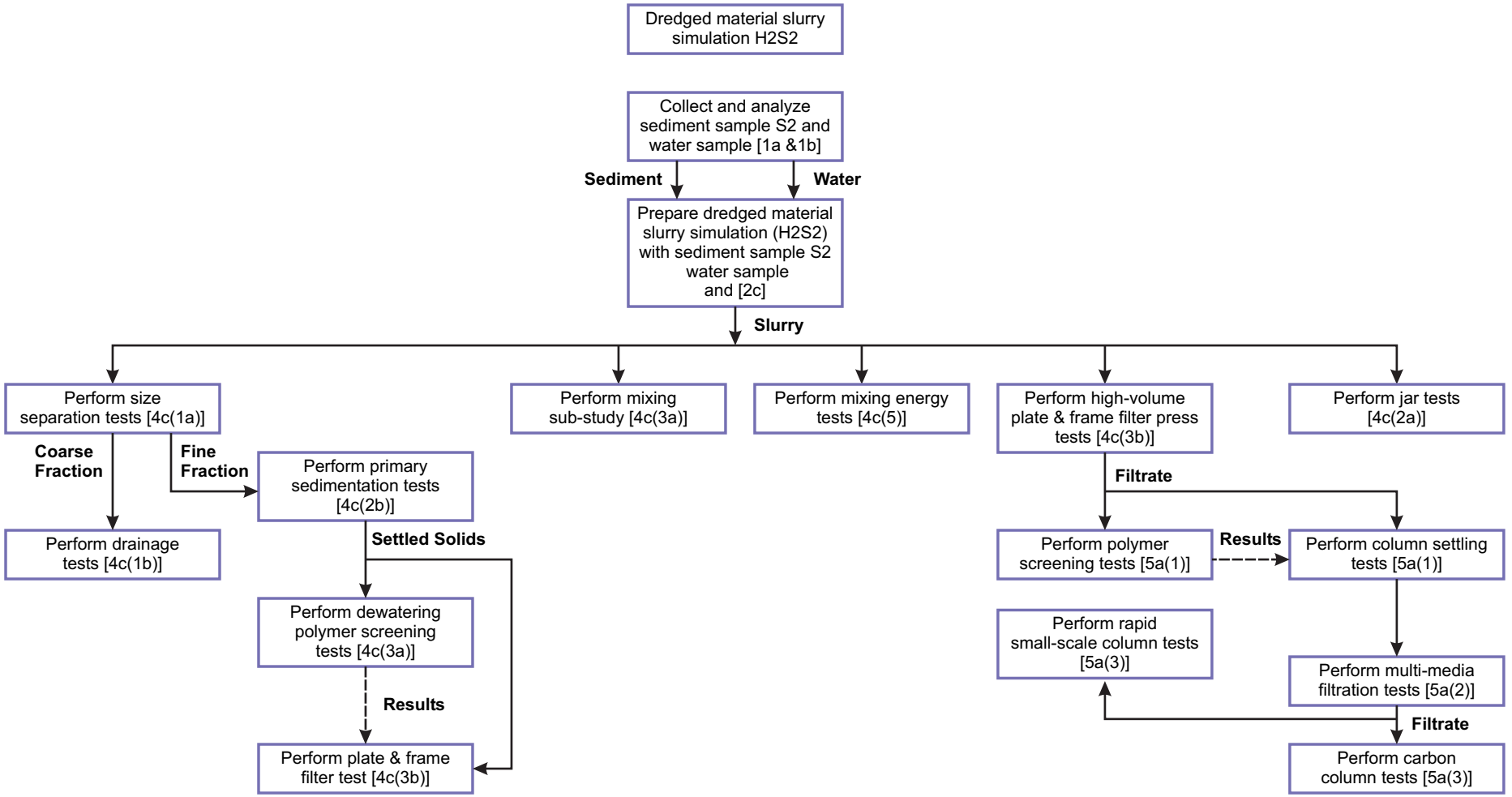
FIGURE 16



NOTES:

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

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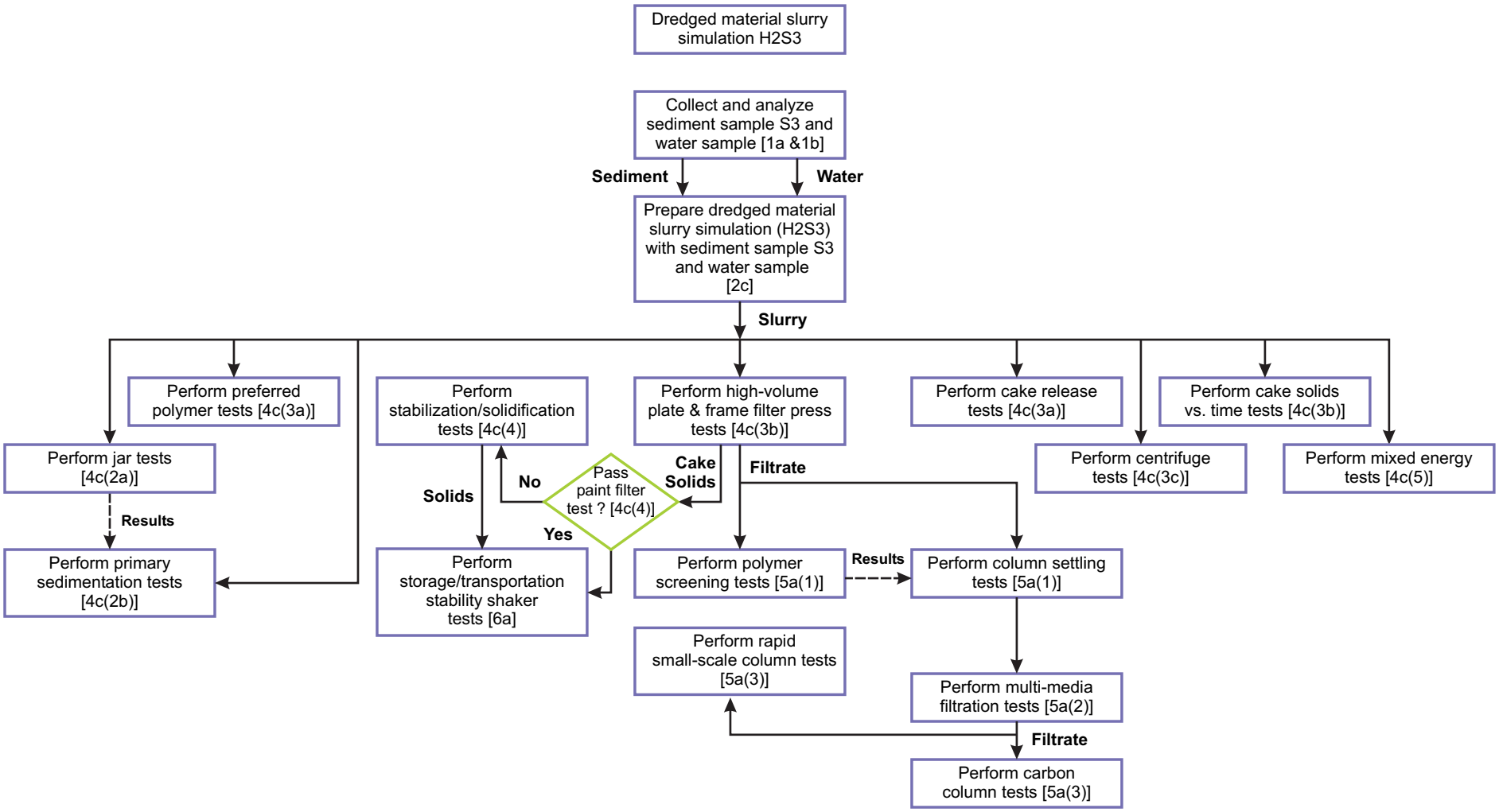
FIGURE 17



NOTES:

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

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TREATABILITY STUDY TEST FLOW DIAGRAM DREDGED MATERIAL SLURRY SIMULATION H2S3 TESTS

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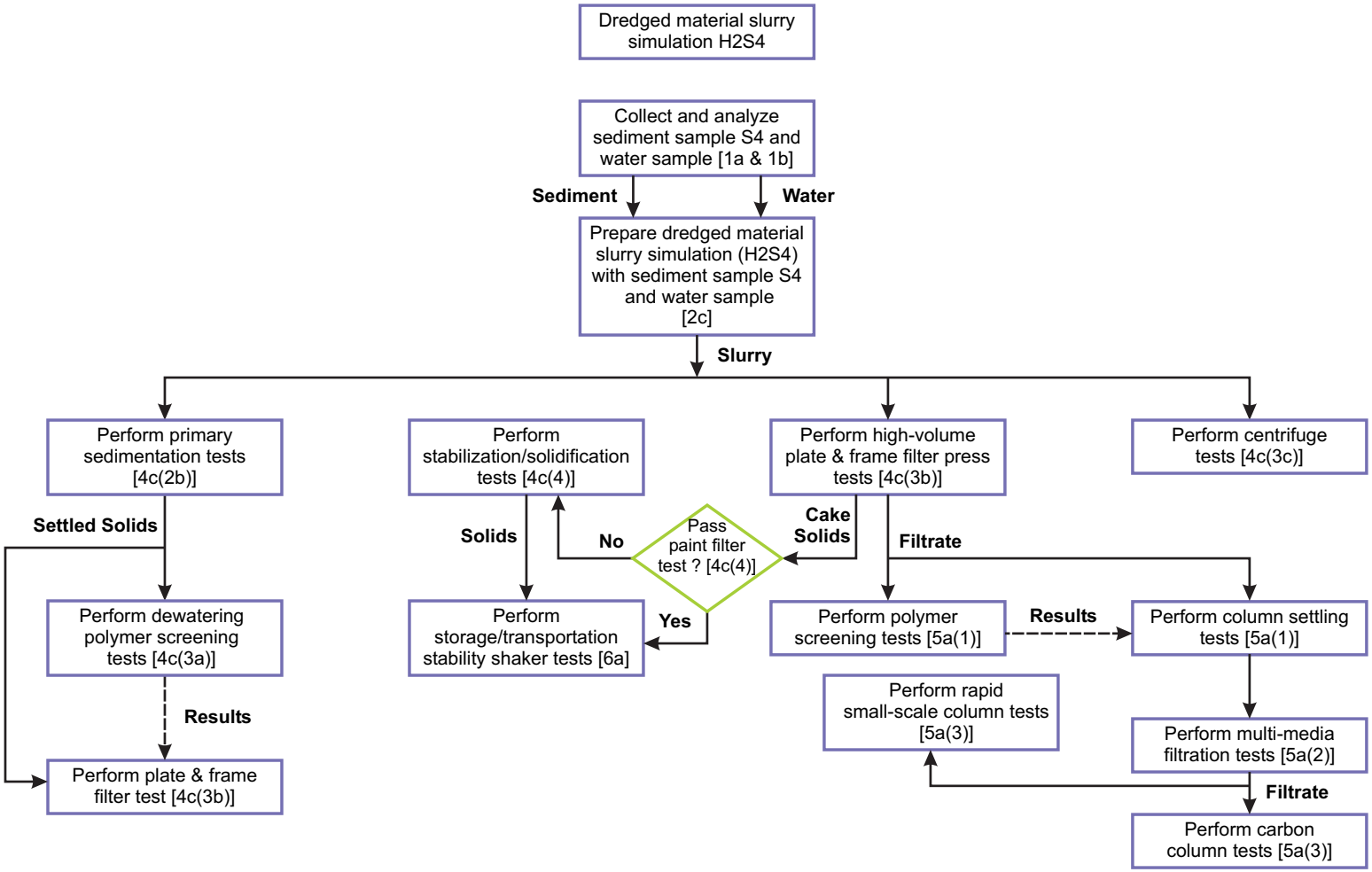
FIGURE 18



NOTES:

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

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FIGURE 19