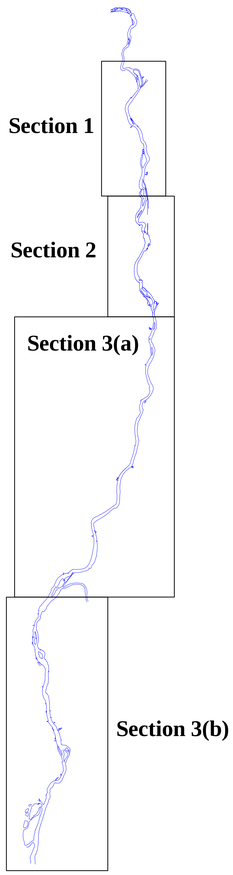
LIST OF FIGURES

FIGURES



LEGEND

- 2001 GE Bathymetry Survey
- Dams / Locks
- Shoreline
- Proposed Bathymetry Transects

General Electric Company
Hudson River Project

Figure B-1.
Bathymetric survey transects.

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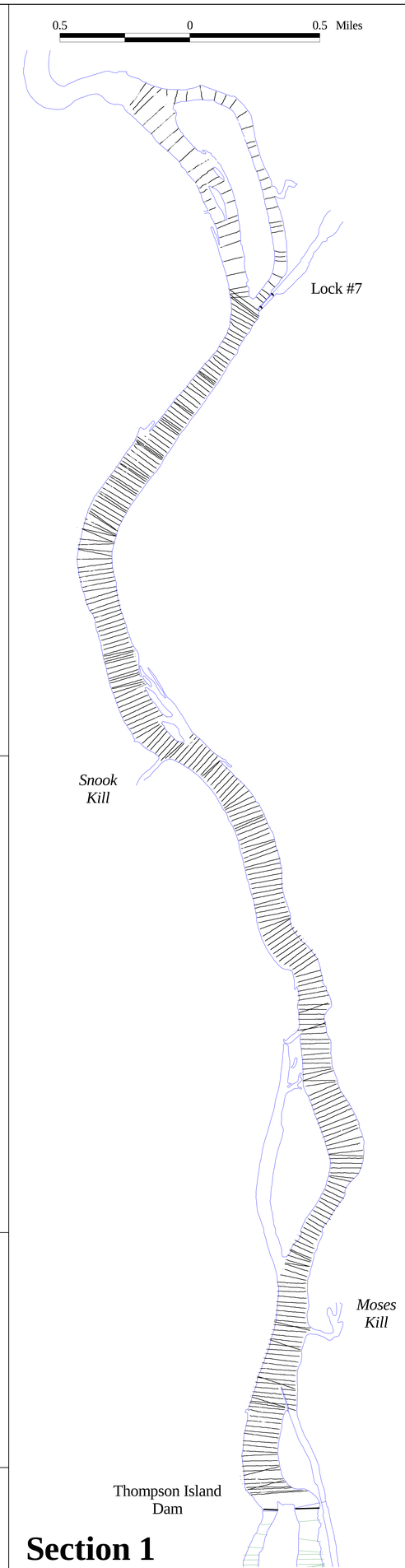
GENrem 133 May 2002



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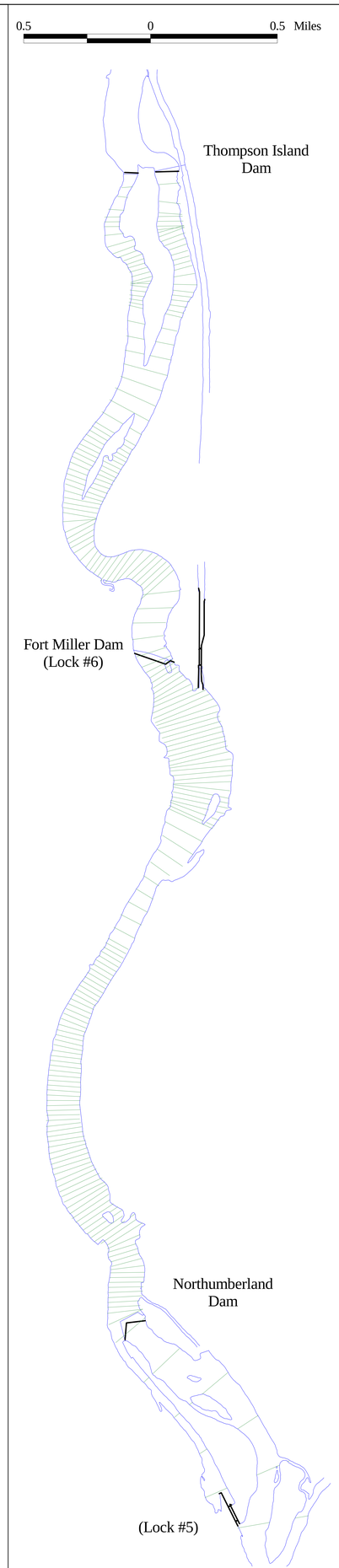

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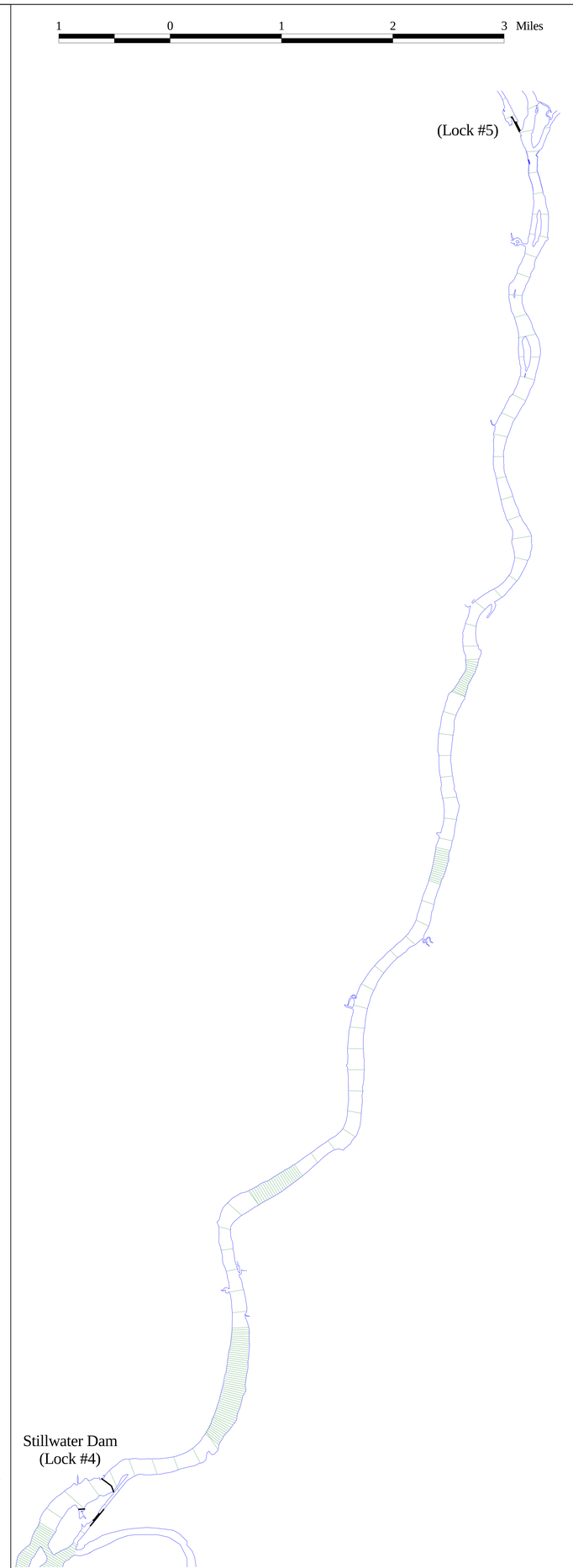

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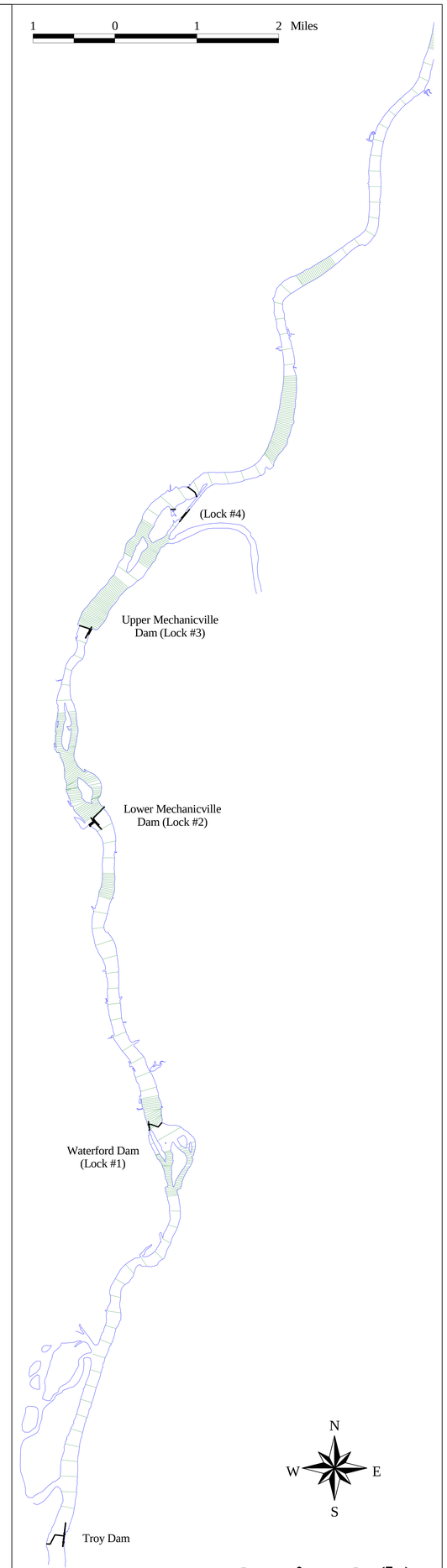


Section 3 (b)

Figure B-1a Flow Diagram for GEHR680 Homolog PCBs Sample Analysis Selection

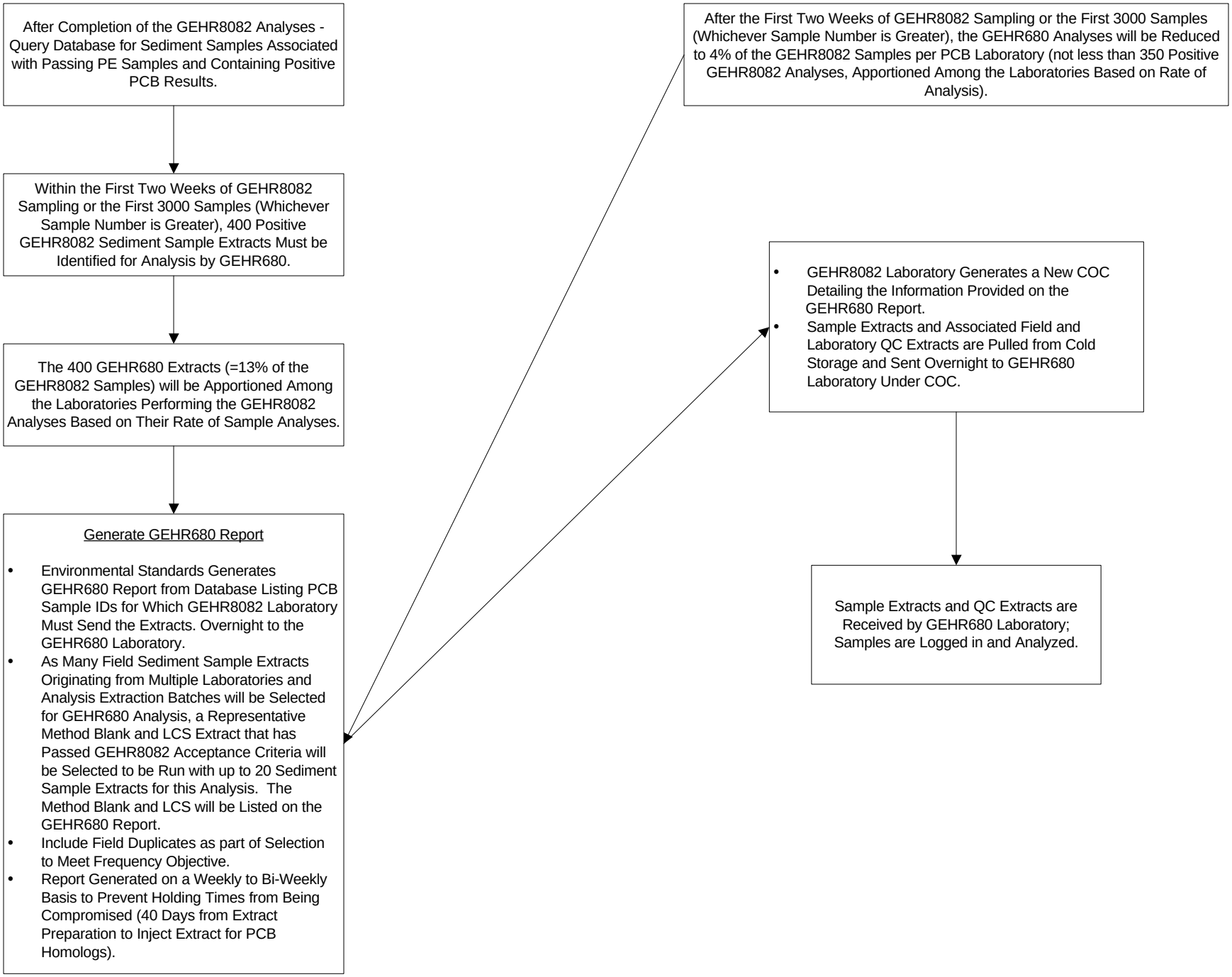
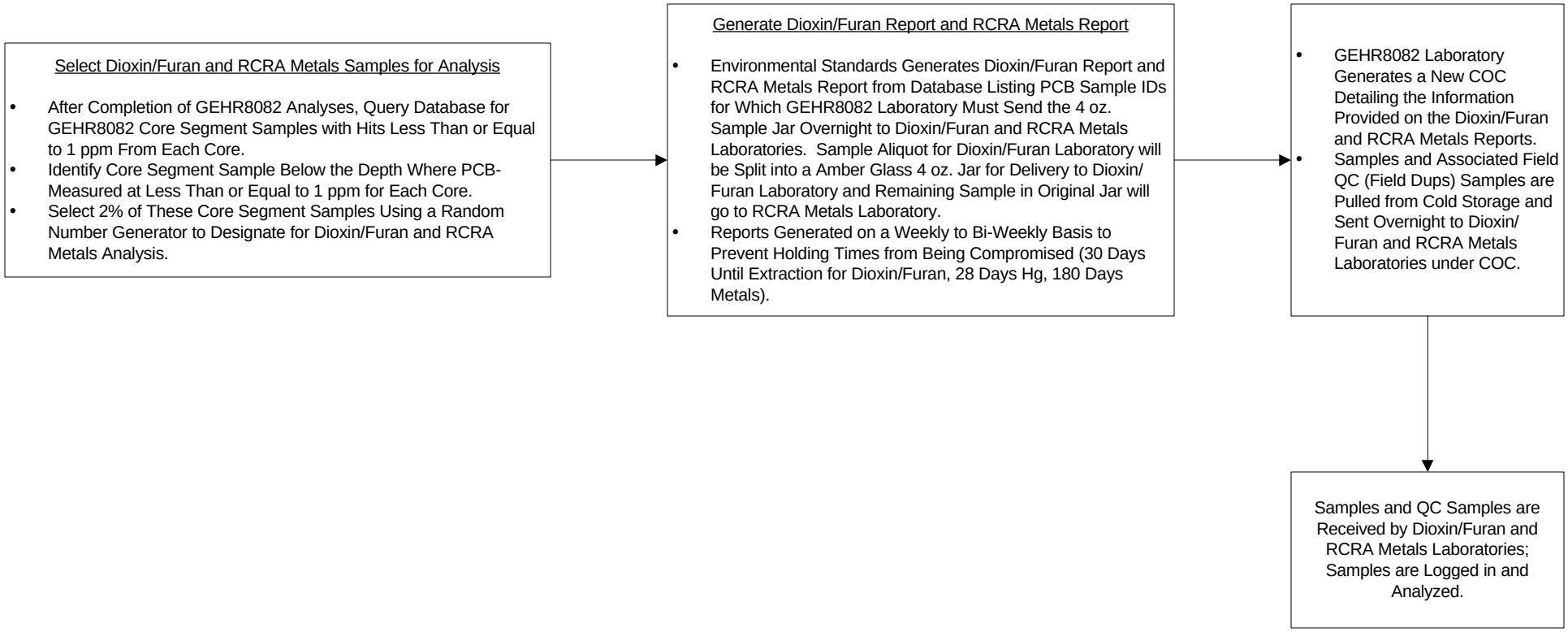
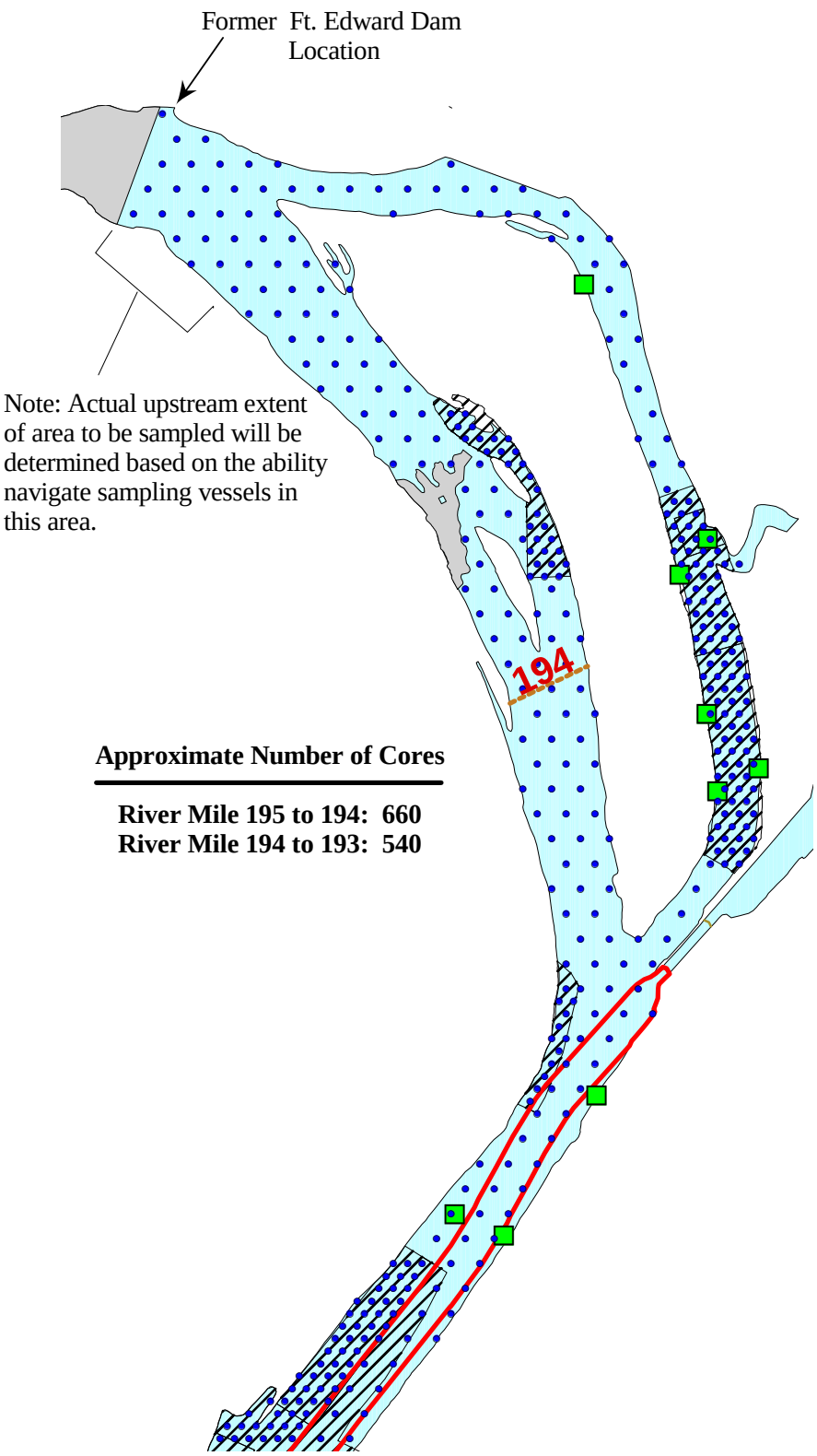


Figure B-1b Flow Diagram for Dioxin/Furan and RCRA Metals Sample Analysis Selection



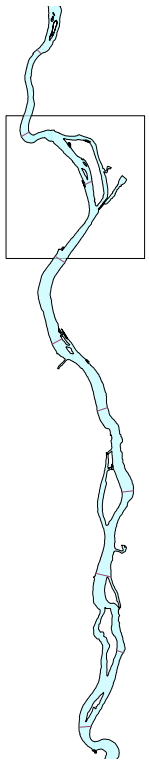
Dioxin-Furan and RCRA Metals.vsd



Approximate Number of Cores

River Mile 195 to 194: 660
River Mile 194 to 193: 540

Location Map



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Hudson River Project

Figure B-2a. River Miles 195-193, core sample locations in River Section 1

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GENrem:133 **May 2002**

Legend

- **Proposed Sediment Sample Locations**
- **NOAA Buoys**
- **Navigational Channel - Approximate Location**

REM-3/10/Select

- **Navigational Dredging**
- **Target Dredging**
- **Rocky Areas**
- **Hudson River**

N

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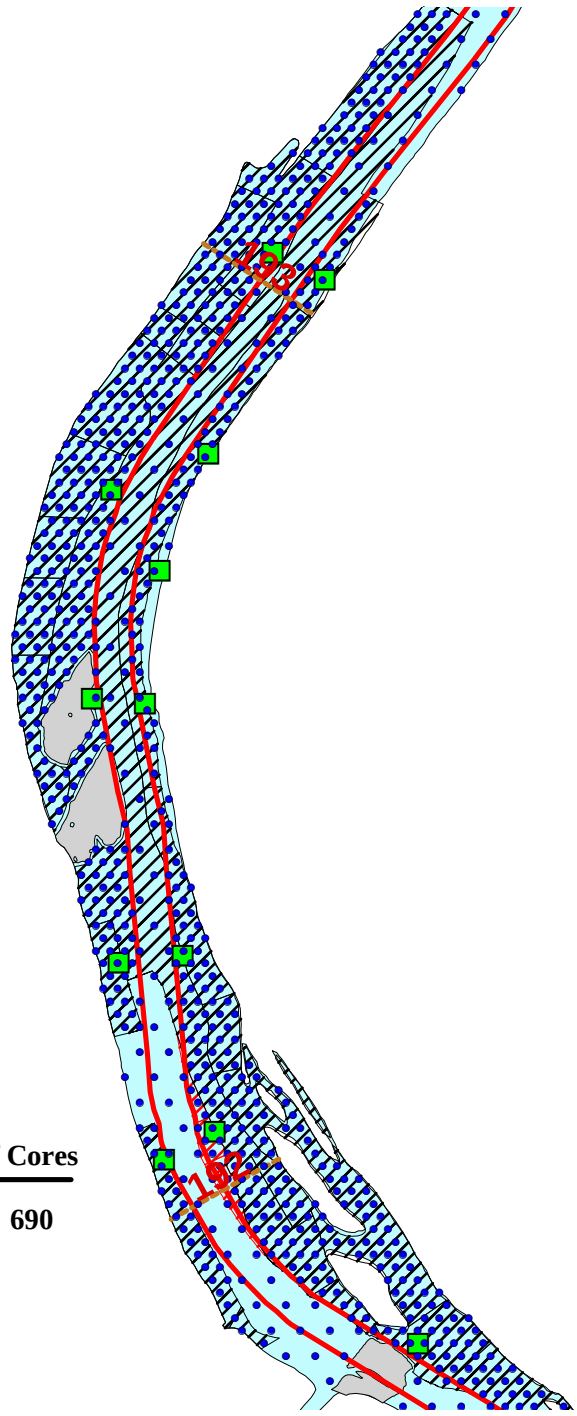
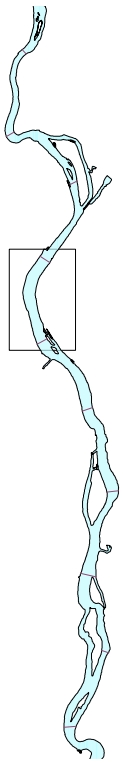


Approximate Number of Cores

River Mile 193 to 192: 690

Location Map



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Hudson River Project

Figure B-2b. River Miles 193-192, core sample locations in River Section 1

Quantitative Environmental Analysis, LLC

GENrem:133 **May 2002**

Legend

- **Proposed Sediment Sample Locations**
- **NOAA Buoys**
- **Navigational Channel - Approximate Location**
- **REM-3/10/Select**
- **Navigational Dredging**
- **Target Dredging**
- **Rocky Areas**
- **Hudson River**

N

1000 0 1000 Feet

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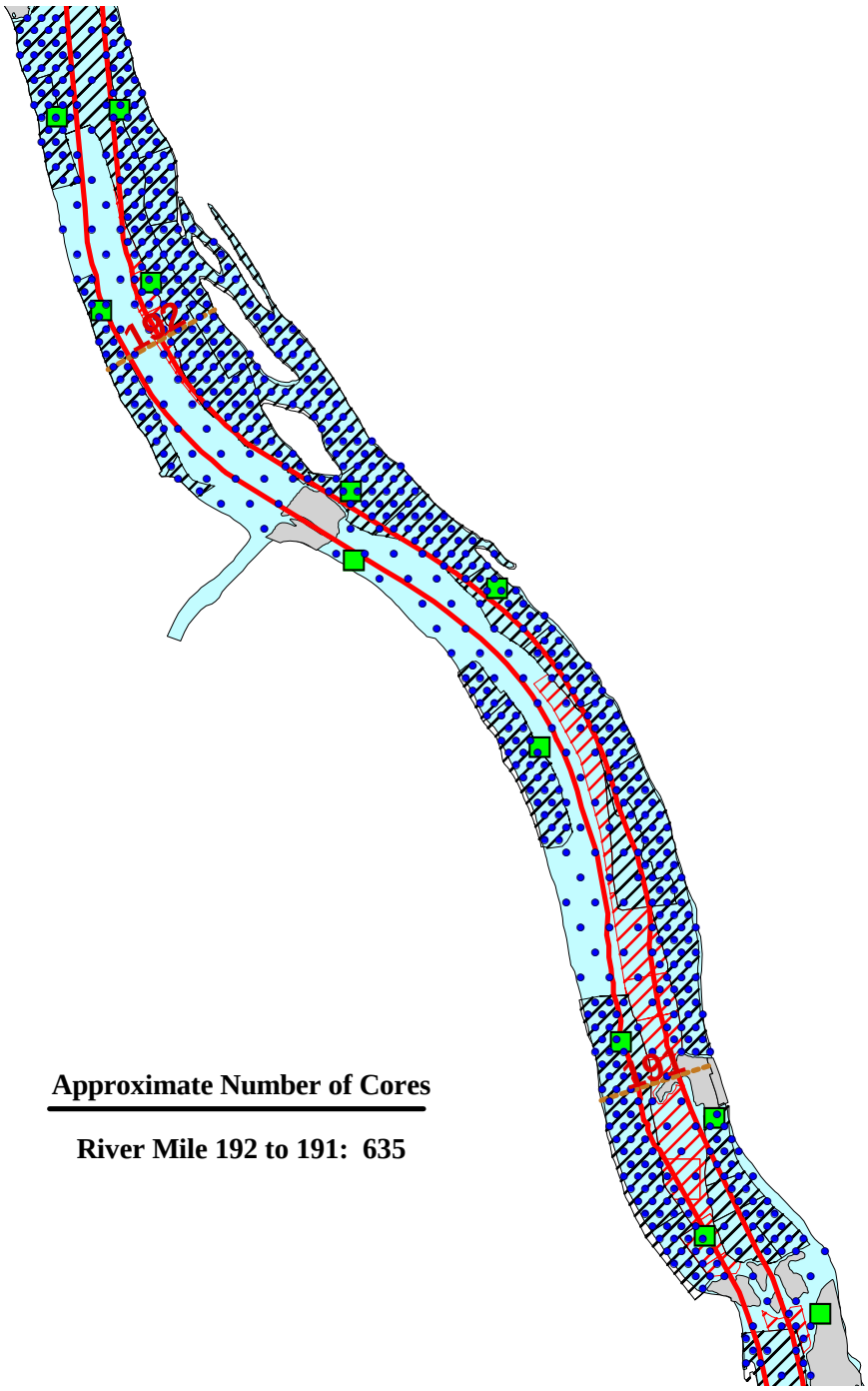
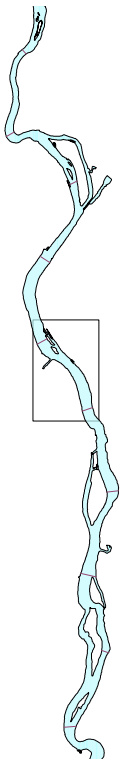


Approximate Number of Cores

River Mile 192 to 191: 635

Location Map



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Hudson River Project

Figure B-2c. River Miles 192-191, core sample locations in River Section 1

QEA Quantitative Environmental Analysis, LLC

GENrem:133 **May 2002**

Legend

- **Proposed Sediment Sample Locations**
- **NOAA Buoys**
- **Navigational Channel - Approximate Location**

REM-3/10/Select

- **Navigational Dredging**
- **Target Dredging**
- **Rocky Areas**
- **Hudson River**

N

1000 0 1000 Feet

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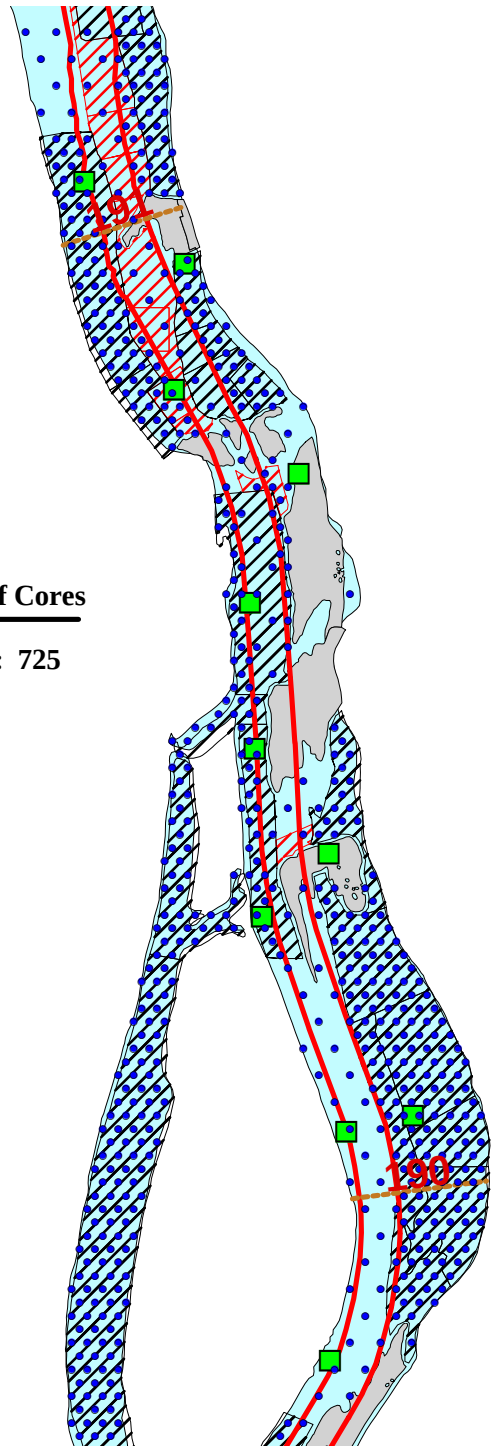
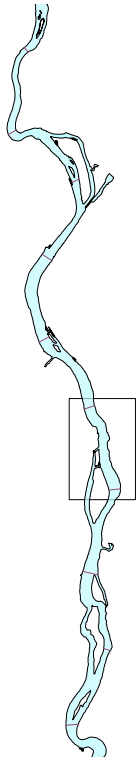


Approximate Number of Cores

River Mile 191 to 190: 725

Location Map



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Hudson River Project

Figure B-2d. River Miles 191-190, core sample locations in River Section 1

GENrem:133 **May 2002**

Legend

- **Proposed Sediment Sample Locations**
- **NOAA Buoys**
- **Navigational Channel - Approximate Location**

REM-3/10/Select

- **Navigational Dredging**
- **Target Dredging**
- **Rocky Areas**
- **Hudson River**

N

1000 0 1000 Feet

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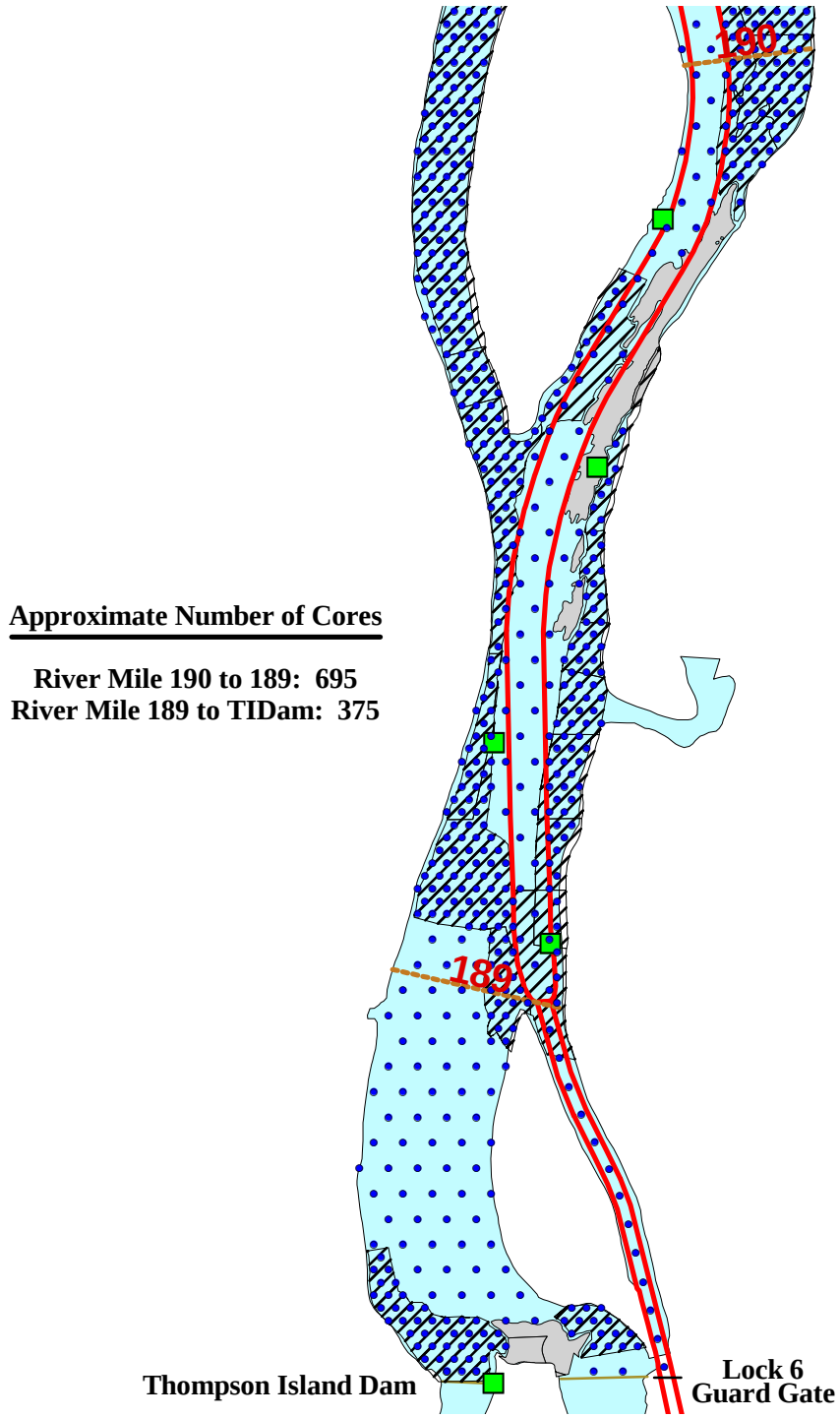

Approximate Number of Cores

River Mile 190 to 189: 695
River Mile 189 to TIDam: 375

Location Map

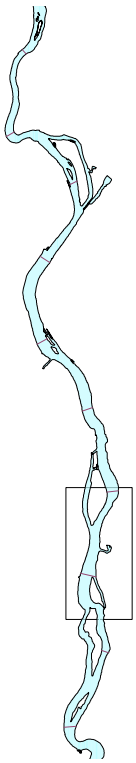

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Figure B-2e. River Miles 190-TID, core sample locations in River Section 1

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GENrem:133 **May 2002**

Legend

- Proposed Sediment Sample Locations
- NOAA Buoys
- Navigational Channel - Approximate Location
- REM-3/10/Select
- Navigational Dredging
- Target Dredging
- Rocky Areas
- Hudson River

N

1000 0 1000 Feet

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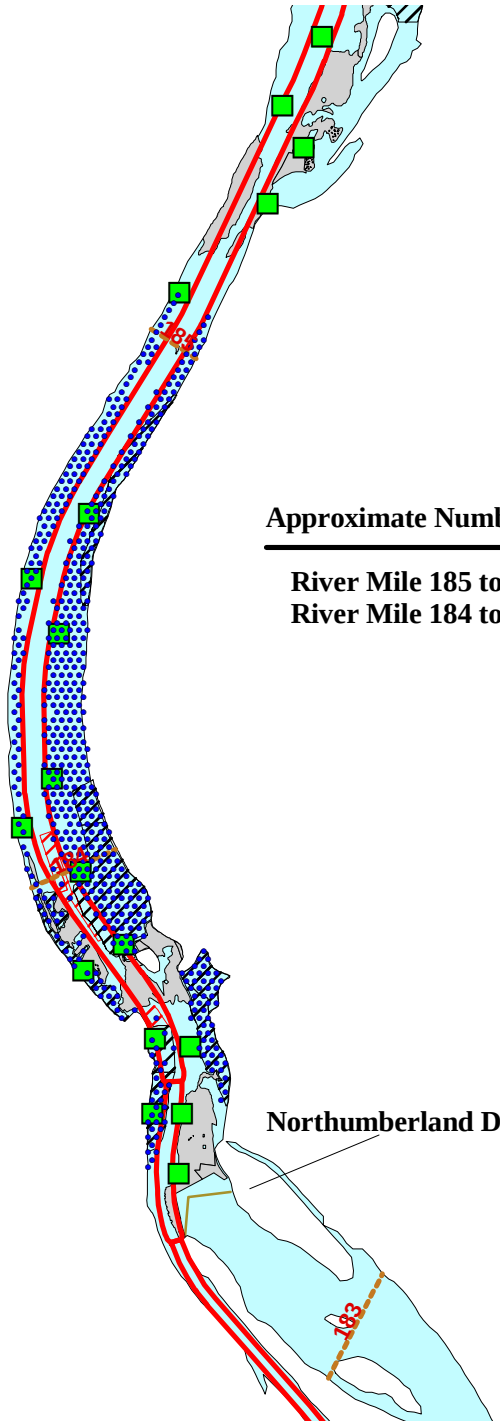

Approximate Number of Cores

River Mile 185 to 184: 389
River Mile 184 to 183: 194

Location Map

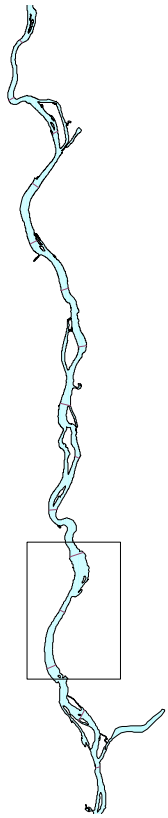

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Figure B-2f. River Miles 185-183, core sample locations in River Section 2

GENrem:133 **August 2002**

Legend

- **Proposed Sediment Sample Locations**
- **NOAA Buoys**
- **Navigational Channel - Approximate Location**

REM-3/10/Select

- **Navigational Dredging**
- **Target Dredging**
- **Rocky Areas**
- **Hudson River**

N

2000 0 2000 Feet

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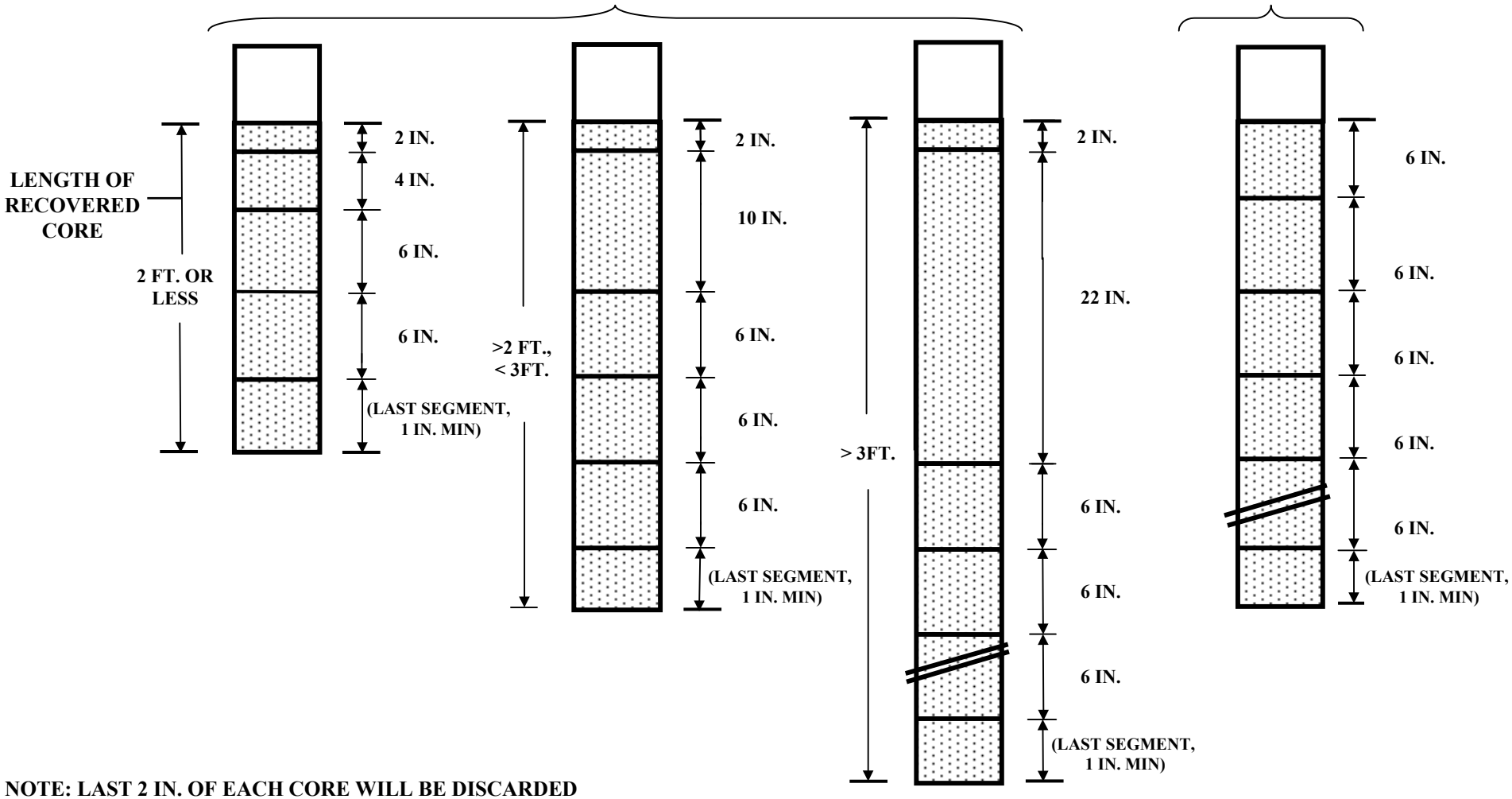


NOTE: LAST 2 IN. OF EACH CORE WILL BE DISCARDED

Figure B-3. Core Segmentation Approach.

SCALE : NONE

QEA Quantitative Environmental Analysis, LLC

GENrem 137 August 2002

IF: D:\GENrem\FSP\Core_segmentation2.ppt

Figure B-4. Example Sample Label

Hudson River Design Support Sediment Sampling Program

Field Sample ID:		RS1-9392-WT001-084090
Date Collected:	9/19/02	
Time Collected:	11:39	**AROCLOR**
Custodian Initials:	LML	

Figure B-5. Sediment Sample Collection and Processing Chart

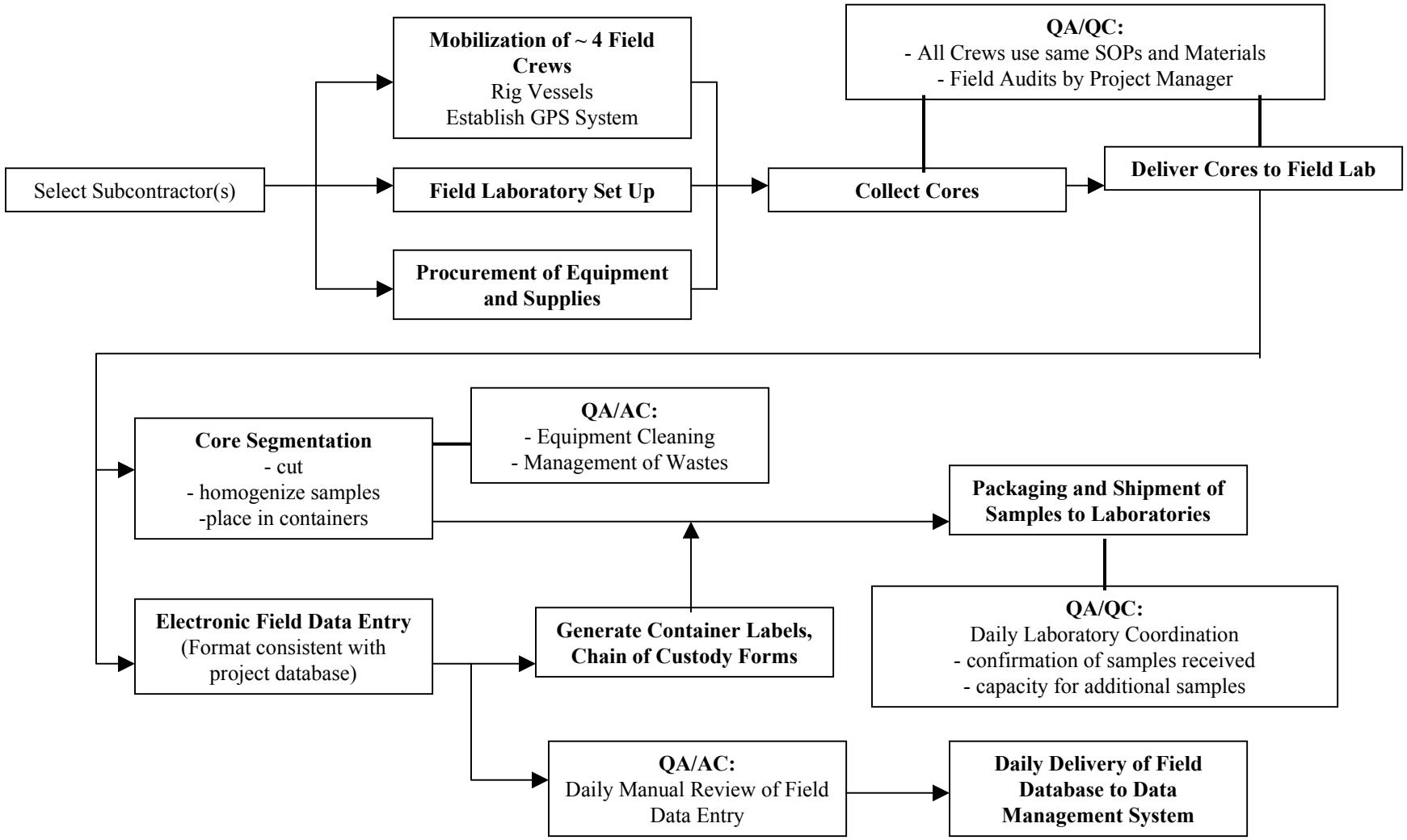
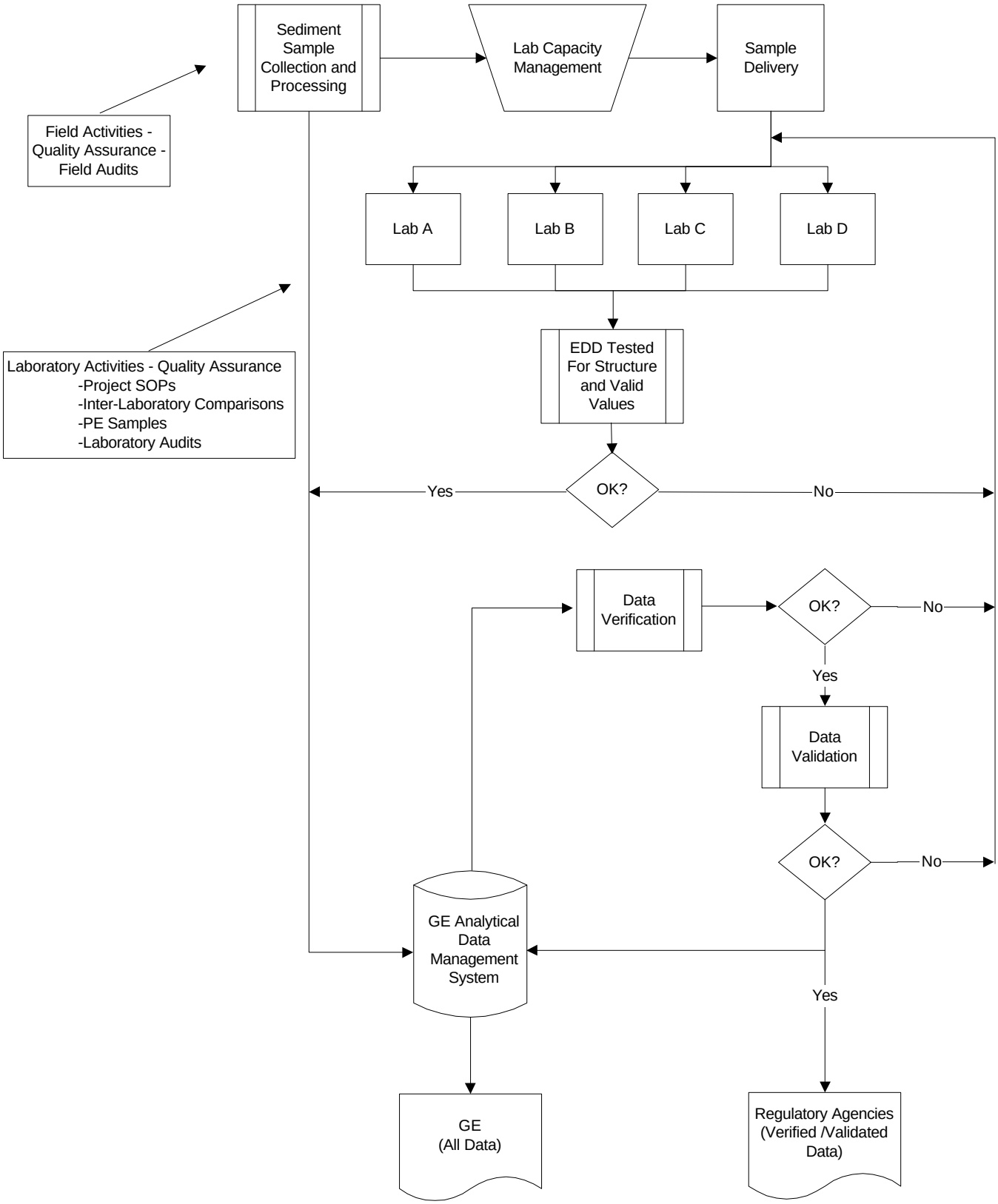


FIGURE B-6

Sediment Sample Collection Quality and Information Management Flow Chart



Quantitative Environmental Analysis, LLC
Sediment Core Field and Laboratory Data
Hudson River Design Support Sediment Sampling Program

Core-Specific Information

Core Location Information

Core ID:	RS1-9392-WT023
Date Collected:	07/31/2002
Time Collected:	10:52
Northing (ft)	696400.00
Easting (ft):	1184024.70
Water Depth (ft)	10.0

Unlock | Delete Core | Clear Form

Sampler Initials:	MJW
Contractor:	QEA,LLC

Sediment Probing

Probing Depth (in)	50
Probing Sediment Type:	FINE
Additional Probing Information:	

Core Recovery

(•) Core/Grab Was Recovere

Sample Type	CORE
Core Tube Material:	LEXAN
Core Penetration Depth (in):	50
Core Recovery Depth (in):	40
Lab Recovery (in):	
Core Weight (Kg):	

Figure B-7 Core Data Entry Form

SCALE : NONE

Field_data_figures.ppt

GENrem 137 August 2002

Quantitative Environmental Analysis, LLC
Sediment Core Field and Laboratory Data

Hudson River Design Support Sediment Sampling Program

Sample-Specific Information

Core Section Information

QA/QC: ENV

Parent Field Sample ID (DUP only):

Core ID: RS1-9392-WT023

Sample Type: CORE

Upper Depth (in): 0

Lower Depth (in): 2

Field Sample ID: RS1-9392-WT023-000002

Duplicates: No

Unlock | Delete Sample | Clear Form

Analytes

- [x] Aroclor PCBs
- [x] Moisture Content/Bulk Density
- [x] Total Organic Carbon
- [ ] Split
- [x] Archive
- [ ] Geotechnical Parameters
- [ ] Disposal Parameters
- [x] Radionuclides

Container: 2

Core Section Description

Texture Description

Primary	Some	Little	Trace	
CS	--	--	OR	CS/--/--/OR

General Description:

Cultural Observations:

Date Processed: 07/31/2002

Time Processed: 11:07

Sample Custodian Initials: MJW

Figure B-8 Core Processing Data Entry Form

SCALE : NONE

Field_data_figures.ppt

GENrem 137

August 2002