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FIGURES

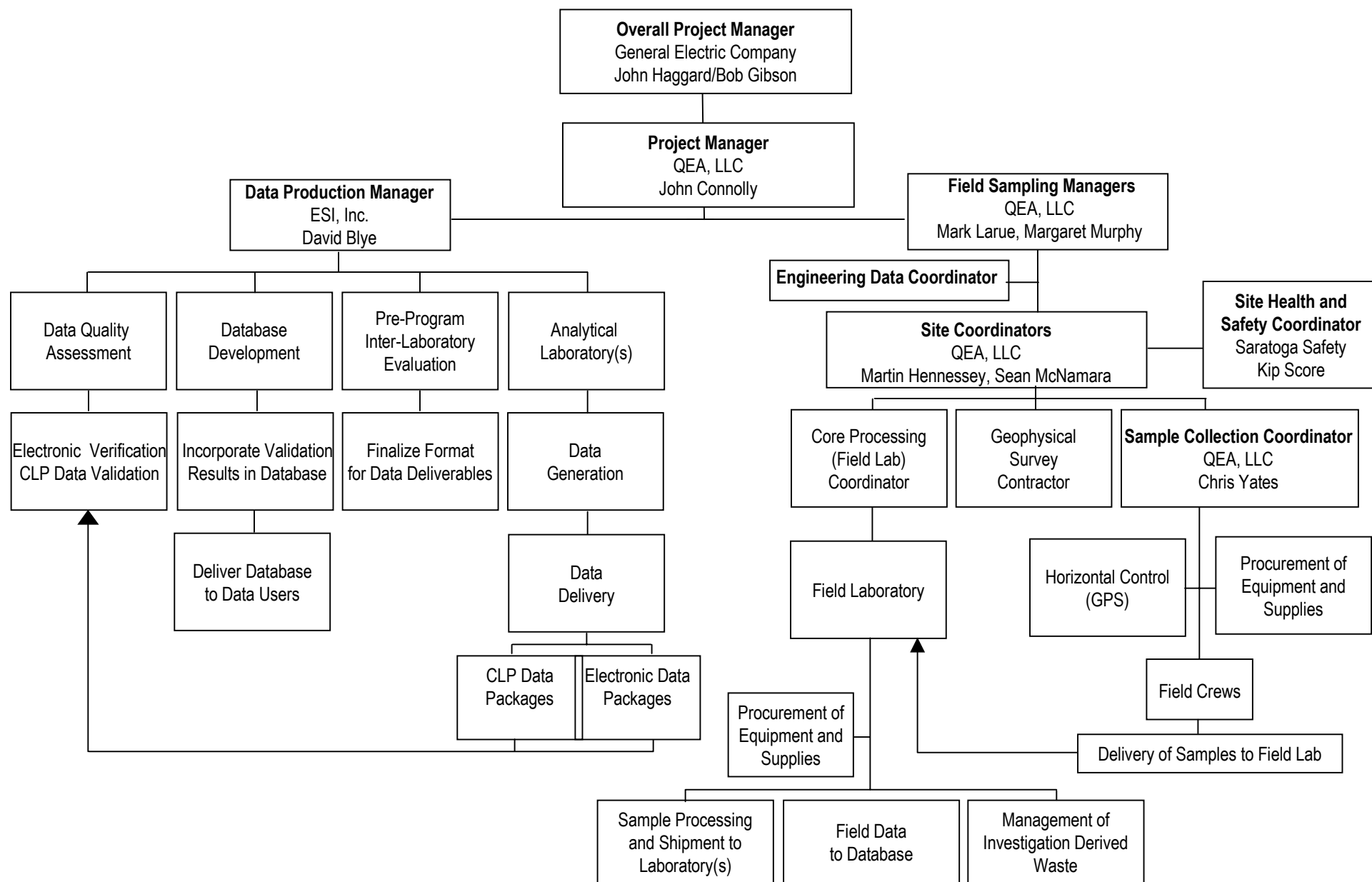


Figure A-1. Conceptual Organizational Chart

SCALE : NONE



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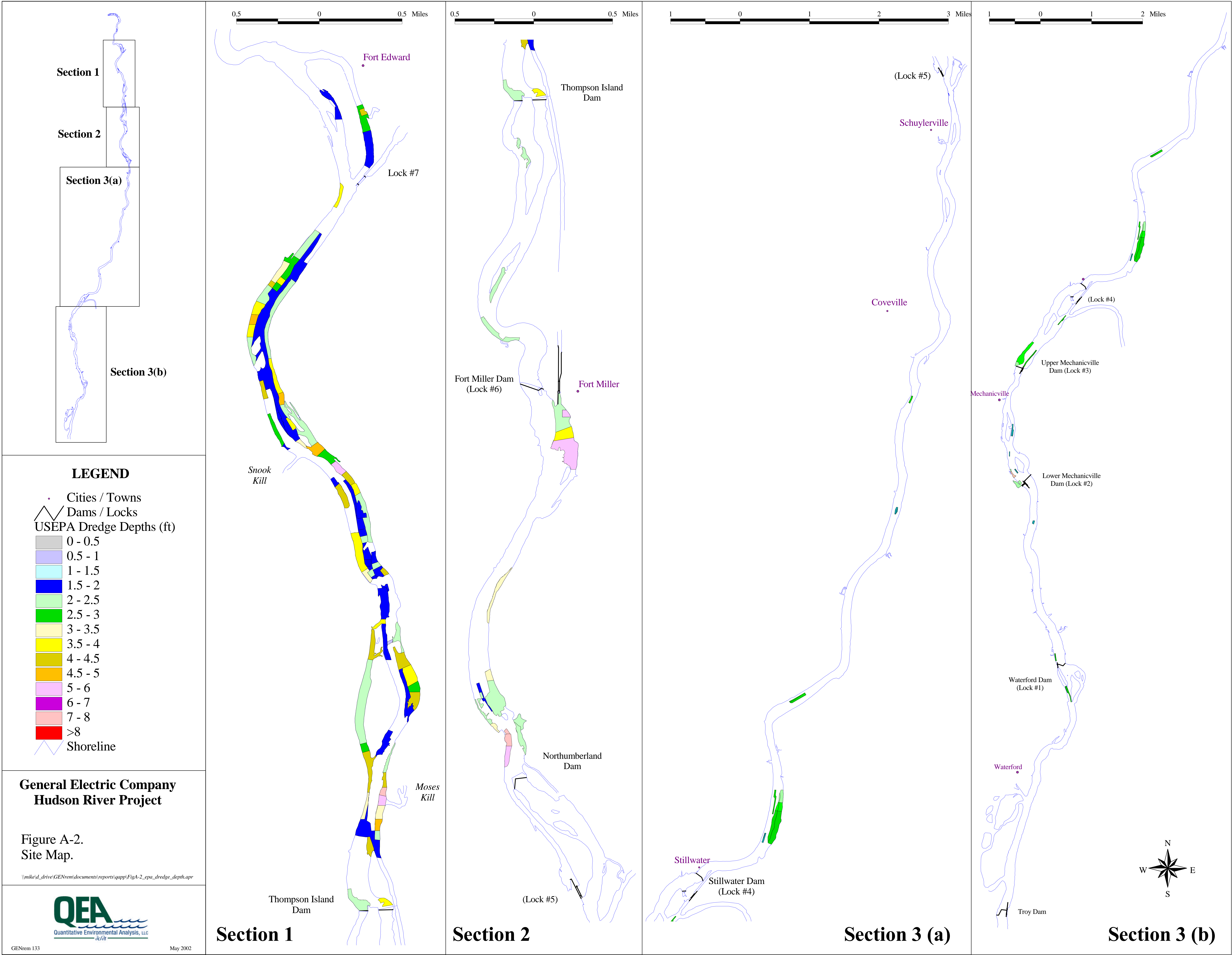


FIGURE A-3
SCHEDULE FOR SEDIMENT FIELD SAMPLING PLAN ACTIVITIES

Activity	Deadline (all days are calendar days)
1. Submission of draft HASP to EPA	Submitted
2. Submission of draft CHASP to EPA	Submitted
3. Submission of revised CHASP to EPA if necessary	14 days after effective date of Order or receipt of EPA comments on draft CHASP, whichever is later
4. Submission of draft QAPP to EPA	Submitted
5. Submission of revised QAPP to EPA if necessary	Consistent with Paragraph 35 of Order
6. Submission of Inter-lab Comparison Study (including evaluation of results)	35 days after effective date of Order
7. Commencement of Year 1 field activities – core sample collection and side-scan sonar survey	Either: (a) 21 days from latest of: EPA approval of QAPP, EPA approval of CHASP, submission of Interlab Comparison Study, or obtaining of access agreement for use of docking area in TIP; or (b) upon obtaining Canal Corp. approval (e.g. Canal Work Permit) – whichever is later
8. Submission of Sub-bottom Profiling Test Work Plan and associated QAPP to EPA	60 days from effective date of Order
9. Implementation and completion of sub-bottom profiling test	In accordance with schedule in Sub-bottom Profiling Test Work Plan as approved or modified by EPA
10. Completion of other Year 1 field activities, including core sample collection and side-scan sonar survey (but excluding investigation of land cut)	November 1, 2002, or such later date as is agreed to by EPA and GE
11. Completion of investigation of land cut following draining of canal	December 31, 2002, subject to acceptable weather conditions, or such later date as is agreed to by EPA and GE
12. Submission of Data Summary Report for Year 1 to EPA	The later of: (a) 90 days after completion of all Year 1 field activities (excluding investigation of land cut); or (b) 30 days after completion of all required data validation (if any) of Year 1 sample analytical results
13. Submission of revised Data Summary Report for Year 1, if necessary	Consistent with Paragraph 35 of Order
14. Submission of Supplemental Field Sampling Plan (FSP) and associated updates to QAPP	30 days after EPA approval of Data Summary Report for Year 1
15. Commencement of Year 2 field activities – core sample collection, bathymetric survey, and supplemental sub-bottom profiling work (if necessary)	The later of: (a) 30 days after EPA approval of Supplemental FSP and associated updates to QAPP; or (b) the opening of the lock system

FIGURE A-3
SCHEDULE FOR SEDIMENT FIELD SAMPLING PLAN ACTIVITIES

Activity	Deadline (all days are calendar days)
16. Completion of Year 2 field activities, including core sample collection, bathymetric survey, and supplemental sub-bottom profiling work (if conducted)	October 31, 2003, or such later date as is agreed to by EPA and GE
17. Submission of Data Summary Report for Year 2 to EPA	The later of: (a) 90 days after completion of all Year 2 field activities; or (b) 30 days after completion of all required data validation (if any) of Year 2 sample analytical results
18. Submission of revised Data Summary Report for Year 2, if necessary	Consistent with Paragraph 35 of Order

Note: This schedule does not include the monthly progress reports required to be submitted during sediment field sampling activities under Paragraph 43 of Order.

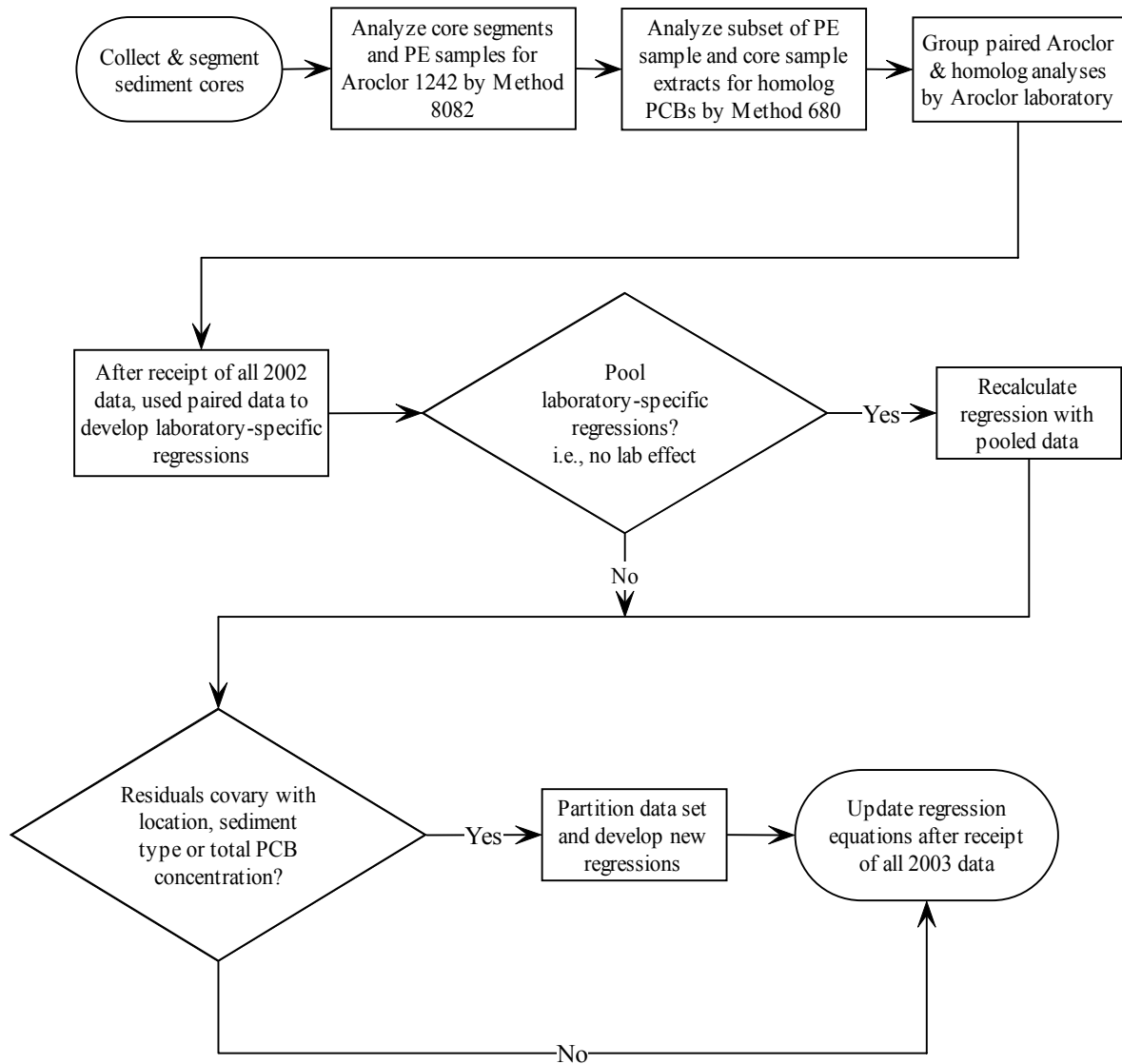


Figure A-4. Flow diagram for development of relationship between Aroclor PCB data and Tri+ PCBs. Note that data rejected by the verification/validation are excluded from the process.

FIGURE A-5 DELETED FOR REVISION 4

HUDSON RIVER SEDIMENT SAMPLING AND ANALYSIS PROGRAM

Coring Field Log

Relinquished by: _____ Date: _____ Time: _____ Sampler: _____

Received by: _____ Date: _____ Time: _____ Weather: _____

Core ID	Date	Time	Northing	Easting	Water Depth (ft)	Probing Depth (in)	Sediment Type	Sediment Description	Sample Type **	Core Recovered	Tube Material *	Penetration (in)	Recovery (in)
										<input type="checkbox"/>			
										<input type="checkbox"/>			
										<input type="checkbox"/>			
										<input type="checkbox"/>			
										<input type="checkbox"/>			
										<input type="checkbox"/>			
										<input type="checkbox"/>			
										<input type="checkbox"/>			
										<input type="checkbox"/>			
										<input type="checkbox"/>			
										<input type="checkbox"/>			
										<input type="checkbox"/>			

* Tube Material: A = Aluminum, L = Lexan

** Sediment Type: C = Core, G = Grab

Date Printed: 7/17/02

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**Figure A-6
EXAMPLE FIELD LOG FORM**

SCALE : NONE





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ENVIRONMENTAL SAMPLE CHAIN OF CUSTODY

Client: General Electric Company

Project: Hudson River Design Support Sediment Sampling Program

COC ID:

Sample Custodian:

LML

Lab:

Total PCBs Mass (ASTM D1412-00)	Hexachlor PCBs (OE80002)	Dioxin/Furans (EPA 813)	Disposal Parameters TCLP Metals (E2008/TCLP) TCLP Volatiles (E2008/TCLP) TCLP Semivolatiles (E2008/TCLP) TCLP Pesticides (E2014/TCLP) TCLP Herbicides (E1514/TCLP) Ignitability (SW-846 Chapter 7)	Geotechnical Parameters Grain Size (ASTM D422) Atterberg Limits (ASTM D418-00) Specific Gravity (ASTM D854-00) USCS Classification (ASTM D2487)	Total Organic Carbon (Lloyd Kelen)	Bulk Density (USACE EM-1110-2-1909)	Moisture Content (ASTM D2216-00)	137Cs (gamma spectroscopy)	Aroclor PCB (OE80002)	# Containers	Media*	Time Processed	Date Processed	MS / LD	QA/QC	Field Sample ID	COC Sample Number
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	S			<input type="checkbox"/>			001
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	S			<input type="checkbox"/>			002
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	S			<input type="checkbox"/>			003
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	S			<input type="checkbox"/>			004
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	S			<input type="checkbox"/>			005
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	S			<input type="checkbox"/>			006
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	S			<input type="checkbox"/>			007
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	S			<input type="checkbox"/>			008
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	S			<input type="checkbox"/>			009
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	S			<input type="checkbox"/>			010

Comments:

Relinquished by:	Received by:	Relinquished by:	Received by:	Relinquished by:	Received by:
Signature	Signature	Signature	Signature	Signature	Signature
Print Name	Print Name	Print Name	Print Name	Print Name	Print Name
Company	Company	Company	Company	Company	Company
Date/Time	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

Date Printed: 9/27/2002

* S= SEDIMENT

COC TYPE: ARCHIVE

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Figure A-7. Environmental Sample Chain of Custody

SCALE : NONE



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