HUDSON RIVER PCBs REASSESSMENT RI/FS
Science and Technical Committee Meeting
Latham, NY
April 2, 1991

DocID 80539

SUMMARY OF PHASE 1

1. LOWER HUDSON

Characteristics of Lower Hudson

Hydrology and Hydraulics
Water Quality
Aquatic Ecology

Sources of PCBs

Overview of Previous Investigations

Monitoring Investigations
NYSDEC
Lamont Doherty
NYCDEP
ISC
ACOE
Water Supplies
USGS
USEPA
Storet
NOAA
Thomann Report
(DOH)

2. UPPER HUDSON

Upper Hudson Demography, Land Use and Resource Use

- Population
- Land Use
- Upper Hudson Resources
  - Recreation
  - Fisheries
  - Water Supply
  - Waste Disposal
  - Navigation

Upper Hudson Characteristics

- Hydrology
- Water Quality
- Ecology

Sources of PCBs

- General Electric PCB Use and Discharge
- Other

Overview of Previous Investigations

Sediment

- 1977 and 1984 NYSDEC Sampling
- 1984 NYSDEC Sampling
- Lamont Doherty
- Other

2. UPPER HUDSON (Continued)

Water Column

USGS
NYSDOH
Waterford Water Treatment Plant Study

Fish and Aquatic Biota

NYSDEC Fish Sampling
NYSDOH Macroinvertebrate
SUNY Binghamton

Air and Volatilization Studies

Lamont Doherty
NYSDEC

General Electric Investigations

PCB Mass and Distribution

3. PCB TRANSPORT

Phase 1 Focus on Upper Hudson

- Reasons
- Modeling Requirements

Mass Transport: Upper to Lower River

- Upper Hudson PCB Transport Modeling
- Evaluation of Previous (HEC-6) Modeling
- Hydraulic Transport
- Sediment Transport
- Initial Model Results from Thompson Island Pool

Assessment and Recommendations for Phase 2 Sampling

4. STATISTICAL EVALUATIONS

Management Model

Statistical Analysis/Discussion

Assessment and Recommendations for Phase 2 Sampling

5. ASSESSMENTS

OVERVIEW OF PREVIOUS WORK

Human Health

Phase 1 Focus on Upper Hudson
Exposure Assessment
Toxicity Assessment
Risk Characterization
Data Uncertainties and Qualifications

Ecological

Phase 1 Focus on Upper Hudson
Exposure Assessment
Toxicity Assessment
Risk Characterization
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6. PHASE 1 FEASIBILITY STUDY

Remedial Action Objectives
General Response Action
Contaminant/Action/Location Specific ARARs
Technology and Process Identification

7. SUMMARY OF FINDINGS

Data Trends
Adequacy of Data

8. RECOMMENDATIONS

Sampling Plan
Phase 2 Work Plan