

HUDSON RIVER PCBs
ADMINISTRATIVE RECORD UPDATE #8
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1.0 SITE IDENTIFICATION

1.1 Background-RCRA and Other Information

P. 100001 - Report: Summary of Hudson River PCB Study Results,
100093 prepared by L. Hetling, F. Horn, and J.
Doc ID# 67559 Tofflemire, New York State Department of
Environmental Conservation Bureau of Water
Research, April 1978 (Revised - July 1978).

P. 100094 - Report: PCB Transport in the Ft. Edward Area,
100108 prepared by T. J. Tofflemire, undated.

Doc ID# 67560

3.0 REMEDIAL INVESTIGATION

3.1 Sampling and Analysis Plans

P. 314926 - Plan: Phase 2A, Sampling and Analysis/Quality
315381 Assurance Project Plan, Hudson River PCB
Reassessment RI/FS, Revision 2, prepared by TAMS
Doc ID# 67561 Consultants, Inc. and Gradient Corporation,
prepared for U.S. EPA Region II, Alternative
Remedial Contracting Strategy (ARCS) for Hazardous
Waste Remedial Services, May 29, 1992.

P. 315382 - Plan: Phase 2B, Sampling and Analysis/Quality
315547 Assurance Project Plan, Volume 1: Flow-Averaged
Water-Column Sampling, Hudson River PCB
Reassessment RI/FS, Revision 1, prepared by TAMS
Doc ID# 67562 Consultants, Inc. and Gradient Corporation,
prepared for U.S. EPA Region II, Alternative
Remedial Contracting Strategy (ARCS) for Hazardous
Waste Remedial Services, March, 1993.

3.2 Sampling and Analysis Data/Chain of Custody Forms

- P. 315548 - Report: Fort Edward Dam PCB Remnant Containment
315718 1992 Post-Construction Monitoring Program,
prepared by O'Brien & Gere Engineers, Inc.,
Doc ID# 67563 prepared for General Electric Company Corporate
Environmental Programs, August 1993.
- P. 315719 - Letter to Mr. Douglas J. Tomchuk, U.S. EPA, Region
316185 II, from Mr. John G. Haggard, Engineering Project
Manager, GE Corporate Environmental Programs,
Doc ID# 67564 General Electric Company, re: Hudson River Data
Documentation Report - 1998 Sediment Sampling
Results, January 27, 1999. (Attachment: Report:
1998 Upper Hudson River Sediment Coring Program
Final Report, prepared by O'Brien & Gere
Engineers, Inc., prepared for General Electric
Company Corporate Environmental Programs, January
1999).
- P. 316186 - Letter to Mr. Douglas J. Tomchuk, U.S. EPA, Region
316386 II, from Mr. Robert G. Gibson, Engineering Project
Manager, GE Corporate Environmental Programs,
Doc ID# 67565 General Electric Company, re: Hudson River
Monitoring Program 1998 Summary Report and Updated
Sampling and Analysis Plan, February 11, 2000.
(Attachment: Report: Final Hudson River Monitoring
Program 1998 Summary Report, prepared by
Quantitative Environmental Analysis, Inc.,
prepared for General Electric Company, February,
2000).
- P. 316387 - Report: Results of PCB Analysis of Flood Deposit
316449 Samples from January (1/9 through 1/12) High Flow
Event in Upper Hudson River, and Results of GE
High Flow Water Column Sampling in Upper Hudson
Doc ID# 67566 River, undated.

3.4 Remedial Investigation Reports

- P. 316450 - Report: Hudson River PCB Contamination - A 1985
316474 Perspective, prepared by Mark P. Brown and Ronald
J. Sloan, New York State Department of
Doc ID# 67567 Environmental Conservation, and Charles R. Barnes,
United States Geological Survey, presented at the

58th Annual Meeting of the NY Water Pollution Association, January 14, 1986, NYC.

- P. 316475 - Report: Distribution of PCBs in the Thompson
316574 Island Pool of the Hudson River, Final Report of
the Hudson River PCB Reclamation Demonstration
Project Sediment Survey, prepared by Mr. Mark P.
Doc ID# 67568 Brown, Ms. Mary B. Werner, Ms. Cynthia R.
Carusone, and Mr. Michael Klein, Bureau of
Technical Services and Research, Division of
Water, New York State Department of Environmental
Conservation, May 1988.
- P. 316575 - Report: Remedial Technology Review For Hudson
316667 River Remnant Deposits, prepared by Applied
Environmental Management, Inc., prepared for
Doc ID# 67569 General Electric Company, GE Corporate
Environmental Programs, December 1992.
- P. 316668 - Report: Analysis of Side-scan Sonar, Bathymetric
316744 Subbottom and Sediment Data from the Upper Hudson
River Between Bakers Falls and Lock 5, Hudson
River PCB Reassessment RI/FS, prepared by Roger D.
Doc ID# 67570 Flood, Associate Professor, Marine Sciences
Research Center, State University of New York
Stony Brook, prepared for TAMS Consultants, Inc.,
September 1993.
- P. 316745 - Report: Critical Issues Regarding the
316770 Bioaccumulation of PCBs from the Water Column and
Sediment of the Upper Hudson River, prepared by
HydroQual, Inc., prepared for General Electric
Doc ID# 67571 Company, October 31, 1995.
- P. 316771 - Report: The Erosion Properties of Cohesive
316816 Sediments in the Upper Hudson River, prepared by
HydroQual, Inc., prepared for General Electric
Doc ID# 67572 Company, October 31, 1995.
- P. 316817 - Report: Quantification of Sedimentation in the
316857 Upper Hudson River, prepared by HydroQual, Inc.,
prepared for General Electric Company, October 31,
1995.
Doc ID# 67573

P. 316858 - Report: Anomalous PCB Load Associated with the
316889 Thompson Island Pool: Possible Explanations and
Suggested Research, prepared by HydroQual, Inc.,
Doc ID# 67574 prepared for General Electric Company, October 31,
1995.

3.5 Correspondence

P. 316890 - Memorandum to Mr. Douglas J. Tomchuk, U.S. EPA,
316902 Region II, from Mr. J. B. Butcher, The Camdus
Group, Inc., re: Memorandum containing updated and
Doc ID# 67575 revised Log Pearson III flood frequency analysis
for the Fort Edward gage, including routing of
earlier upstream flood peaks, June 25, 1993.
(Attachment: Report: Flood Frequency Analysis,
Fort Edward at Rogers Island Gage, Hudson River,
prepared by The Camdus Group, Inc., June 18,
1993.)

P. 316903 - Memorandum to Dr. Stephen B. Hamilton from Mr.
316905 Patrick O. Gwinn and Russell E. Keenan, Ph.D., re:
Summary of Screening-level Air Modeling and Human
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the Hudson River, February 21, 1997.

P. 316906 - Letter to Ms. Carol M. Browner, Administrator,
316908 U.S. EPA, from Mr. Robert C. Shinn, Jr.,
Commissioner, Department of Environmental
Doc ID# 67577 Protection, State of New Jersey, re: Two opinion
pieces that ran in *The New York Times*, March 30,
1998. (Attachments: (1) News Clipping: Deferring
the Hudson River Cleanup, *The New York Times*,
March 3, 1998; (2) News Clipping: The Hudson Still
Waits for Help, by Mr. John Cronin, *The New York*
Times, February 28, 1998).

P. 316909 - Letter to Mr. Douglas J. Tomchuk, U.S. EPA, Region
316933 II, from Mr. John G. Haggard, Engineering Project
Manager, GE Corporate Environmental Programs,
General Electric Company, re: Evaluation of
Doc ID# 67578 Analytical Bias in the USGS Water Column Database,
March 22, 1999. (Attachment: Memorandum to Mr.
John G. Haggard, Engineering Project Manager, GE
Corporate Environmental Programs, General Electric

Company from Mr. James Rhea and Mr. Michael Werth, Quantitative Environmental Analysis, LLC., re: Phase 2 Evaluation of Analytical Bias in the USGS Water Column Database, March 22, 1999).

P. 316934 - Letter to Mr. Mike Stoll, United States Department
316934 of the Interior, Fish and Wildlife Service, from
Ms. Helen Chernoff, Senior Scientist, TAMS
Consultants, Inc., re: Updating a list of federal
and state endangered, threatened, and rare species
and significant habitats along the Hudson River,
March 23, 1999.

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P. 316935 - Letter to Ms. Helen Chernoff, Senior Scientist,
316940 TAMS Consultants, Inc., from Mr. Mark W. Clough,
acting for Mr. David A. Stilwell, Acting field
Supervisor, United States Department of the
Interior, Fish and Wildlife Service, re: Letter of
March 23, 1999, requesting information on the
presence of Federally listed or proposed
endangered or threatened species in and within one
mile of the Hudson River from Hudson Falls to the
Battery in New York City, New York and New Jersey,
April 14, 1999. (Attachment: Federally Listed and
Proposed Endangered and Threatened Species in New
York, November 4, 1997).

Doc ID# 67580

P. 316941 - Letter to Mr. John G. Haggard, Engineering Project
316948 Manager, GE Corporate Environmental Programs,
General Electric Company, from Ms. Alison A. Hess,
C.P.G., Project Manager, U.S. EPA, Region II, re:
Hudson River PCBs Reassessment, October 7, 1999.

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10.0 PUBLIC PARTICIPATION

10.1 Comments and Responses

P. 10.2781 - Letter to Mr. Douglas J. Tomchuk, U.S. EPA, Region
10.2789 II, from Mr. John G. Haggard, Engineering Project
Manager, GE Corporate Environmental Programs,
General Electric Company, re: General Electric
Comments on EPA Responsiveness Summary, Phase 2 -
Ecological Risk Assessment Scope of Work, Hudson
River PCBs Reassessment RI/FS, June 29, 1999.

Doc ID# 67582

P. 10.2790 - Letter to Mr. Douglas J. Tomchuk, U.S. EPA, Region
10.2805 II, from Mr. John G. Haggard, Engineering Project
Manager, GE Corporate Environmental Programs, General Electric Company, re: Upper Hudson River -
- Comments on EPA Responses to Comments on the
Human Health Risk Assessment Scope of Work, July
13, 1999.

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P. 10.2806 - Letter to Ms. Alison A. Hess, C.P.G., U.S. EPA,
10.2873 Region II, from Mr. John G. Haggard, Engineering
Project Manager, GE Corporate Environmental
Programs, General Electric Company, re: Hudson
River Ecological Risk Assessment - Comments,
September 7, 1999. (Attachment: Report: Comments
of General Electric Company on Volume 2E -
Baseline Ecological Risk Assessment Hudson River
PCBs Reassessment RI/FS, prepared by General
Electric Company, Corporate Environmental
Programs, LWB Environmental Services, Inc., and
Quantitative Environmental Analysis, Inc.,
September 7, 1999).

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P. 10.2874 - Letter to Dr. George Putnam, Department of Earth
10.2880 and Atmospheric Sciences, State University of New
York at Albany, from Ms. Alison A. Hess, C.P.G.,
Project Manager, U.S. EPA, Region II, re: U.S.
EPA, Region II response to Dr. Putnam's 7/1/99
letter commenting on the U. S. EPA's April 1999
Responsiveness Summaries for the Phase 2
Ecological Risk Assessment Scope of Work and the
Phase 2 Human Health Risk Assessment Scope of
Work, October 21, 1999.

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10.3 Public Notices

P. 10.2881 - Memorandum to Hudson River PCBs Administrative
10.2915 Record File, Superfund Records Center, U.S. EPA,
Region II, from Ms. Paulette Denny for Ms. Karen
Coughlan, Senior Community Affairs Specialist, re:
Hudson River PCBs Reassessment Public
Announcements for Public Meetings, May 17, 2001.
(Attachments: Notices: Hudson River PCBs
Reassessment Project prepared by U.S. EPA., Region
II.)

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10.6 Fact Sheets and Press Releases

- P. 10.2916 - Press Release: Remarks by the President, Secretary of State Colin Powell, and EPA Administrator Christine Todd Whitman In Environmental Announcement, prepared by The White House, Office of the Press Secretary,
10.2919 www.whitehouse.gov/news/release, April 19, 2001; printed April 23, 2001.
- Doc ID# 67587

11.0 TECHNICAL SOURCES AND GUIDANCE DOCUMENTS

11.4 Technical Sources

- P. 11.0110 - Report: Volatilization of PCBs from Contaminated Sediments & Water, prepared by Mr. Steven D. warren, Mr. Richard F. Bopp, and Mr. H. James Simpson, Lamont - Doherty Geological Observatory of Columbia University, prepared for Dr. Mark Brown, New York State Department of Environmental Conservation, October, 1987.
- 11.0159
- Doc ID# 67588
- P. 11.0160 - Report: Bayesian Model for Fate and Transport of PCB in Upper Hudson River, prepared by Ms. Laura J. Steinberg, Tulane University, Mr. Kenneth H. Reckhow and Mr. Robert L. Wolpert, Duke University, prepared for Journal of Environmental Engineering, May, 1996.
- 11.0168
- Doc ID# 67589
- P. 11.0169 - Report: Characterization of Parameters in Mechanistic Models: A Case Study of a PCB Fate and Transport Model, prepared by Ms. Laura J. Steinberg, Tulane University, Mr. Kenneth H. Reckhow and Mr. Robert L. Wolpert, Duke University, prepared for Elsevier Science B.V., 1997.
- 11.0180
- Doc ID# 67590
- P. 11.0181 - Report: In-Situ Anaerobic Dechlorination of Polychlorinated Biphenyls in Hudson River Sediments, prepared by Ms. Anne K. McNulty, prepared for the Graduate Faculty of Rensselaer Polytechnic Institute, Rensselaer Polytechnic Institute, August 1997.
- 11.0522
- Doc ID# 67591

- P. 11.0523 - Report: An Integrated Model of Organic Chemical
11.0700 Fate and Bioaccumulation in the Hudson River
Estuary, prepared by Mr. Kevin J. Farley, Mr.
Robert V. Thomann, Mr. Thomas F. Cooney, III, Mr.
Darin R. Damiani, and Mr. James R. Wands,
Doc ID# 67592 Environmental Engineering Department, Manhattan
College, prepared for The Hudson River Foundation
March 1999.
- P. 11.0701 - Report: Contamination of the Hudson River, The
11.0716 Sediment Record, prepared by Mr. Richard F. Bopp,
and Mr. H. James Simpson, Lamont - Doherty
Doc ID# 67593 Geological Observatory of Columbia University,
undated.