

Appendix A

ADMINISTRATIVE RECORD INDEX (AS OF 3/31/99)

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	3 General Laws of Rhode Island of 1956 as amended, Water Pollution, Chapter 46-12 (R.I. General Laws 46-12 (1956))
	4 "National Environmental Policy Act of 1969" Regulations, Title 40 Code of Federal Regulations, Pts. 1500-1508
	5 "National Environmental Policy Act of 1969," Title 42 U.S. Code, Pts. 4321 - 70d "Oil Pollution Act of 1990," - Title 33 U.S. Code, Parts 2701 et seq.
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	1 Marguerite Matera, to Douglas Eklof, 6/11/96, Letter on Barge North Cape Oil Spill. Letter of Invitation to Douglas Eklof, Owner.
	2 Timothy Casey, L. Basile, to Douglas Eklof and Eugene J. O'Connor, 6/13/96, Letter on Notice of Intent to Conduct Restoration Planning - Proof of Mail Receipts
	3 'Notice of Intent to Conduct Restoration Planning Pursuant to 15 CFR section 990.44', 6/16/96
2.3	Public Legal Notices
	1 'Legal Notice: Public Notice of Barge North Cape Oil Spill, January 19, 1996'
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5	"'Notice of Public Training,' Providence Journal-Bulletin', 1/9/98
6	Affidavit of Publication. Public Notice: Barge North Cape Oil Spill Notice of Public Training. [SIMAP] 1/12/98
7	"'Notice of Second Field Repository for North Cape Oil Spill Administrative Records pursuant to 15 C.F.R. Section 990.45'', Providence Sunday Journal', 4/12/98
8	Affidavit of Publication: Public Notice of Second Field Repository for North Cape Oil Spill Administrative Record. 4/16/98
9	'Public Notice of Draft Restoration Plan/Environmental Assessment', September 18, 1998
10	Affidavit of Publication, Notice of 30 day extension of time to submit Comments on Draft Restoration Plan/Environmental Assessment with attached "'Notice of Public Hearing'" The Providence Journal, (10/26/98) 11/98
11	Affidavit of Publication, Notice of Public Hearing; Notice of Change of Location of Public Hearing; The Providence Journal (11/13/98) 10/98
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3.	TRUSTEE COUNCIL
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3.2	Trustee Council Memorandum of Agreement with Responsible Party
	1 Agreement Regarding Cooperative Injury Assessment with Respect to the Tank Barge North Cape/Tug Scandia Oil Spill 2/18/97
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	2 'Public Notice of Revised Draft Restoration Plan/Environmental Assessment', April 5, 1999

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	1 Proceedings at Public Hearing North Cape Oil Spill 10/28/98
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	2 Eugenia Marks, Letter on Audubon Society of Rhode Island's Response to the September 14, 1998 Draft for Public Comment
	3 North Cape Oil Spill Restoration Plan Public Hearing October 27, 1998 Comments by Ralph Boragine, Executive Director. (Rhode Island Seafood Council), 1
	4 Michael McGiveney, to Rebecca West, 11/3/98, Letter on RI Shellfishermen's Association Comments
	5 David Monk, to Natural Resource Trustees, 11/5/1998, Letter on Comments Representing the Opinions of the Salt Ponds Coalition, Inc.
	6 Susan Hitchcox, Sally Stockwell, to Rebecca West, 11/10/1998, Letter on Response to the Action Proposed for Loon Restoration in the Draft of the North Cape Restoration Plan and Environmental Assessment, from Maine Audubon Society
	7 Brian Bowes, to Rebecca West, 11/12/98, Letter on Comments on the Draft Restoration Plan and Environmental Assessment for the January 19, 1996 North Cape Oil Spill
	8 Harry Vogel, to Rebecca West, 11/12/1998, Letter on Loon Preservation Committee's Official Response to the Restoration Plan and Environmental Assessment for the January 19, 1996 North Cape Oil Spill 5
	9 Robert Rheault, Ph.D., to Rebecca West, 11/12/1998, Letter on Moonstone Oysters' Comments on the Draft Restoration Plan and Environmental Assessment for the January 19, 1996 North Cape Oil Spill
	10 Gardner (sic) Jeffery, to Rebecca West, 11/13/98, Letter on Jeffery Gardner's Comments
	11 Paul Galego, to Rebecca West, 11/13/1998, Letter on Comments on Draft Restoration Plan and Environmental Assessment for January 19, 1996 North Cape Oil Spill, from Wickford Marina
	12 Thomas Holt, Jr. to Rebecca West, 11/16/1998, Letter on Comments by the Rhode Island Lobstermen's Association to the Restoration Plan and Environmental Assessment for the January 19, 1996 North Cape Oil Spill, from Kirkpatrick & Lockhart
	13 Karin A. Tammi, to Rebecca West, 12/14/98, Letter on Comments on Draft Restoration Plan and Environmental Assessment of North Cape, Hope Shellfish

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	2 Restoration Plan and Environmental Assessment for the January 19, 1996 North Cape Oil Spill (Revised Draft for Public Comment). (NOAA and Rhode Island Department of Environmental Management and U.S. Department of Interior and U.S. Fish and Wildlife Service)(3/31/99), 228
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	2 Jacqueline Michel, Ph.D., 10/01/97, Memorandum on FOLLOW-UP ON THE REPORT: "Evaluation of the Adequacy of Sediment Sampling and Analysis: Natural Resource Damage Assessment of the North Cape Spill"
4.1.2	<u>Chemistry of the Spilled Oil</u>
	1 Analysis of #2 Fuel Oil in Soils and Sediments by Gas Chromatography - Moon Stone Beach - Oil Spill, Peter Philbrook, (United States Environmental

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	<ul style="list-style-type: none"> 2 Analysis of #2 Fuel Oil in Aqueous Samples by Gas Chromatography - Moon Stone Beach - Oil Spill, Peter Philbrook, (United States Environmental Protection Agency, Region I) for US F&WS (3/21/96) 3 James G. Quinn, to Gary Mauseth, 10/3/96, Memorandum on Analysis of Water Samples Collected on R/V Captain Bert Cruise II (1/25/96) 4 "A Simplified Method for Determining the Total Petroleum Hydrocarbons and Polycyclic Aromatic Hydrocarbons in Environmental Samples" transmitted with July 16, 1997 Memorandum from James G. Quinn to Frank Csulak et al. James G. Quinn, Christopher M. Reddy, (7/16/97), 26 5 Eugene J. O'Connor, to Catherine Adams Fiske, 10/3/97, Letter on Barge NORTH CAPE Oil Spill at Point Judith, Rhode Island, January 19, 1996, Responsible Party Stipulation 6 Mike Donlan, Steve Morin, to North Cape Trustees, 2/18/98, Memorandum on Source Oil Issues
4.1.3	<u>Water and Sediment Sampling: Captain Bert Cruises</u>
	<ul style="list-style-type: none"> 1 Cruise Reports -North Cape Oil Spill- I. Initial Assessment of Impact - Capt. Bert Cruise 1, January 21, 1996; II. Second Assessment of Impact - Capt. Bert Cruise 2, January 25, 1996 (2nd. edition). Dr. James S. Latimer, (US Environmental Protection Agency, National Health and Environmental Effects Laboratory, Atlantic Ecology Division) (2/6/96) 2 Cruise Report: AED Participation in Two Cruises Aboard the NOAA Vessel, Albatross IV, in Response to the NORTHCAPE (sic) Oil Spill: AL9601: 1/22/96-1/26/96; AL9602: 1/30/96-2/2/96. W. Berry, J. Serbst, P. Edwards, (U.S. Environmental Protection Agency, NHEERL, AED) (2/28/96)
4.1.4	<u>Organoleptic Testing (Responsible Party)</u>
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	<ul style="list-style-type: none"> 1 Debbie French, to Gary Mauseth, Andy Kindig, Don Hart, 1/9/97, Memorandum on Tissue sample data 2 Donald R. Hart, to Deborah French, 1/17/97, Letter on Concentration Fields
4.2	Lobster Injury and Restoration
4.2.1	<u>Assessing Impact on Lobsters by J. Stanley Cobb and Michael Clancy, Department of Biological Sciences, University of Rhode Island</u>

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4.2.1.a	Reports
1	North Cape Oil Spill: Assessing Impact on Lobster. Preliminary Data Analyses, J. S. Cobb, M. Clancy, (Department of Biological Sciences, University of Rhode Island) for (1/25/96 - 6/3/96)
2	Lobster Mortality Evaluation, J. Stanley Cobb, (Department of Biological Sciences) for University of Rhode Island (1/22/96 - 3/26/96)
3	North Cape Oil Spill: Recovery of the lobster population during the summer of 1996.. J. Stanley Cobb, Michael Clancy, (4/28/96), 3
4	North Cape Oil Spill: Recovery of the lobster population during the summer of 1996. J. Stanley Cobb, Michael Clancy, (6/24/96), 3
5	North Cape Oil Spill: Assessing Impact on Lobster Populations. Progress Report. J.S. Cobb, M. Clancy, (Department of Biological Sciences) (7/1/96), 9
6	Stan Cobb, Michael Clancy, to Debbie French, Gary Mauseth, Saul Saila, 7/2/96, Memorandum on Progress Report
7	North Cape Oil Spill: Assessing Impact on Lobster Populations. Progress Report. J. S. Cobb, M. Clancy', (Department of Biological Sciences) (8/1/96), 3
8	North Cape Oil Spill: Assessing Impact on Lobster Populations. Draft Progress Report. J.S. Cobb, M. Clancy, (Department of Biological Sciences) (8/30/96), 10
9	Estimation of Lobster Kill. J. S. Cobb, M. Clancy', (12/23/96), 3
10	North Cape Oil Spill: Assessing Impact on Lobster Populations (Draft Progress Report). J.S. Cobb, Michael Clancy, (Department of Biological Sciences) (1/3/97), 14
11	J. Stanley Cobb, to Dr. Gary Mauseth, 5/9/97, Letter on Final draft of the report, "North Cape Oil Spill: Assessing Impact on Lobster Populations" Final Report Review Draft" (5/9/97) enclosed with correspondence.
12	North Cape Oil Spill: An Assessment of the Impact on Lobster Populations: [Draft] Final Report. J.S. Cobb, M. Clancy, (Department of Biological Sciences, University of Rhode Island) (11/30/97), 1-99; App. I-IX
13	North Cape Oil Spill: An Assessment of the Impact on Lobster Populations: Final Report. J.S. Cobb, M. Clancy, (Department of Biological Sciences, University of Rhode Island) (1/5/98), 205
14	Manuscript entitled "Habitat-based Assessment of Lobster Abundance: A Case Study of an Oil Spill. Transmitted with (6/8/98) letter on "Response to comments on 'Final Report, 'North Cape Oil Spill: An Assessment of the impact on Lobster Populations' " from Cobb, J.S. and Michael Clancy to Deborah French.
4.2.1.b	Review and Comments
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1	Statistical Analysis of Lobster Abundance Datasets 10/16/97. M. Clancy, J. S. Cobb, (10/16/97), 2

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	2 Greg Challenger, to Mike Clancy, 11/24/97, Memorandum on Memo from Greg Challenger to Mike Clancy; Hypothetical example of an airlift and visual sample composite 11/24/97
	3 Pete Peterson, to Debbie French, 7/5/96, Memorandum on Revised Cobb/Clancy proposal
	4 S.B. Saila, Mark Gibson, to Gary Mauseth, Deborah French, 5/19/97, Memorandum on Size Distribution of 10-14 mm Size Class of American Lobster at the Time of the North Cape Oil Spill
	5 Debbie French, to Mike Donlin, Frank Csulak, Carol-Ann Manen, Steve Morin, 5/28/97, Memorandum on Cobb-Clancy Report
	6 Debbie French, to Stan Cobb, Mike Clancy, 7/01/97, Memorandum on North Cape Lobster Report - Review comments
	7 Greg E. Challenger, Gary S. Mauseth, Don Hart, to Stan Cobb, Mike Clancy, 9/30/97, Letter on RE: North Cape Lobster Damage Assessment (Review Draft)
	8 Greg E. Challenger, to Mike Clancy, 1/21/98, Memorandum on Adjustment of Lobster Abundance
	9 Michael Clancy, to Greg Challenger, 1/23/98, Memorandum on RE: Jan. 21, 1998 memo from Beak Consultants
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	1 Gary E. Challenger, Gary S. Mauseth, Don Hart, to Stan Cobb and Mike Clancy, 12/16/97, Letter on RE: North Cape Lobster Damage Assessment (Final Report)
	2 Joseph DeAlteris, to Gary Mauseth, 3/27/98, Letter on RE: North Cape Oil Spill: Review of Cobb/Clancy Report
	3 Comments on Issues Related to the North Cape Oil Spill. Louis W. Botsford, (Department of Wildlife, Fish and Conservation Biology, University of California) (3/30/98), 3
4.2.1.b.4	Peer Review
	1 Gregory L. Glass, to Mike Donlan, 12/15/97, Memorandum on Review Comments on Revised Cobb and Clancy Report, North Cape Oil Spill 12/15/97; focused on report used in final lobster loss estimate
	2 Michael Fogarty, to Dr. Deborah French, 10/17/96, Memorandum on Review of Lobster Research Documents
	3 Richard Wahle, to Michael Huguenin, 4/08/98, Letter on Review of Cobb & Clancy report on North Cape Oil spill
4.2.2	<u>Lobster Modeling - Long-Term Recovery by Saul B. Saila, Professor Emeritus, University of Rhode Island</u>

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2	S.B. Saila, to Debbie French, 10/22/96, Memorandum on Fogarty Review of Lobster Reports and Proposed Actions
3	Natural Cobble Lobster Size Distribution Analysis - Draft for Review. S.B. Saila, (11/7/96), 12
4	Further Comments on M. Fogarty's October 17, 1996 Review of Lobster Research Documents. S.B. Saila, (11/12/96), 5
5	Final Report - December 1996: Lobster Modeling - Long-Term Recovery and Related Methods. S.B. Saila, (12/10/96), 74
6	Corrections and Additions to Final Report of December 1996 Entitled Lobster Modeling - Long Term Recovery and Related Methods, S.B. Saila, (1/6/97)
7	Deborah French, to Mike Huguenin, Mike Donlan, John Catena, Tom Ardito, Frank Csulak, Carol-Ann Manen, Norman Meade, Steve Morin, Molly Sperduto, Charlie Hebert, Jacqui Michel, 3/27/97, Memorandum on Saul Saila's Decision Making Model. Transmitted with "A Suggestion for Decision Making in Relation to Mitigating Lobster Losses from North Cape Oil Spill" by Saul B. Saila
8	Final Report - May 1997: Lobster Modeling - Long-Term Recovery and Related Methods. S.B. Saila, (5/1/97), 119
9	S.B. Saila, Mark Gibson, to Gary Mauseth, Deborah French, 5/19/97, Memorandum on Size Distribution of 10-14 mm Size Class of American Lobster at the Time of the North Cape Oil Spill
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2	Debbie French, to Saul Saila, Mark Gibson, 3/21/97, Memorandum on RE: Lobster survival rates
3	Deborah French, to Frank Csulak, Carol-Ann Manen, Steve Morin, Gary Mauseth, Andrew Kindig, Stan Cobb, Mike Clancy, Mike Donlan, 3/28/97, Memorandum on RE: No. Cape Lobster Restoration Scaling (survival rates)
4	Mark Gibson, to Saul Saila, 4/29/97, Memorandum on Comments on Lobster Restoration Strategy and Matrix Models Reports
5	Debbie French, to Saul Saila, 6/02/97, Memorandum on No. Cape Lobster Restoration Strategy (sic)
6	S.B. Saila, Mark R. Gibson, to Deborah French, 12/22/97, Letter on Response to some comments in the memorandum by G. Glass to M. Donlan entitled Review Comments on Revised Cobb and Clancy Report, North Cape Oil Spill,

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4.2.2.b.2	Trustee Comments <ol style="list-style-type: none"> 1 Deborah French, to Gary Mauseth, 10/07/97, Memorandum on North Cape Oil Spill - Review of: "Final Report -- May 1997, Lobster Modeling -- Long-Term Recovery and Related Methods" by S.B. Saila
4.2.2.b.3	RP Comments <ol style="list-style-type: none"> 1 S.B. Saila, to Debbie French, 12/29/97, Letter on RE: Comments and Responses to D. French's Review of: " Final Report - May 1997, Lobster Modeling--Long-Term Recovery and Related Methods" 2 S.B. Saila, to Deborah French, 1/8/98, Letter on Addendum and correction to S.B. Saila letter of December 29, 1997
4.2.2.b.4	Peer Review <ol style="list-style-type: none"> 1 Michael Fogarty, to Dr. Deborah French, 10/17/96, Memorandum on Review of Lobster Research Documents 2 Facsimile transmittal to Debbie French of "Lobster Growth Parameters" data, Mike Fogarty, (Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Northeast Fisheries Center) (11/7/96)
4.2.3.	<u>Lobster Mortality Assessment by Mark Gibson, Rhode Island Department of Environmental Management, Division of Fish and Wildlife</u>
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4.2.3.b.	Review and Comments
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4.2.3.b.2	Trustee Comments <ol style="list-style-type: none"> 1 Mark Gibson, Deborah French, 12/29/97, Response to Beak's Comments on: Gibson et al.'s Two North Cape Lobster Reports Dated July 1997
4.2.3.b.3	RP Comments <ol style="list-style-type: none"> 1 Greg E. Challenger, Gary S. Mauseth, to Mr. Frank Csulak, 9/8/97, Letter on Tank Barge NORTH CAPE/Tug SCANDIA Oil Spill
4.2.3.b.4	Peer Review <ol style="list-style-type: none"> 1 Michael Fogarty, to Dr. Deborah French, 10/17/96, Memorandum on Review of Lobster Research Documents 2 Gregory L. Glass, to Mike Donlan, 11/29/96, Memorandum on North Cape Oil Spill, Initial Review of Two papers by Mark Gibson, RIDFW: Statistical Issues, November 15, 1996
4.2.4.	<u>Adult Estimates and Stock Status of Lobster by Mark Gibson, Rhode Island Department of Environmental Management, Division of Fish and Wildlife</u>
4.2.4.a	Reports <ol style="list-style-type: none"> 1 S.B. Saila, Mark Gibson, to Gary Mauseth, Deborah French, 5/19/97, Memorandum on Size Distribution of 10-14 mm Size Class of American Lobster at the Time of the North Cape Oil Spill 2 Equivalent Adult Estimates and Stock Status of Lobster Involved in the North Cape Oil Spill in Block Island Sound. Mark R. Gibson, Thomas E. Angell, Najih B. Lazar, (Division of Fish and Wildlife Rhode Island Department of Environmental Management) (7/31/97), 46 3 Potential Egg Production from Lobsters Killed in the North Cape Oil Spill and Replacement Estimates Using Recycled Commercial Catch. Mark Gibson, (Rhode Island division Fish and Wildlife, Marine Fisheries Office) (7/1/98), 21
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4.2.4.b.2	Trustee Comments <ol style="list-style-type: none"> 1 Mark Gibson, Deborah French, 12/29/97, Response to Beak's Comments on: Gibson et al.'s Two North Cape Lobster Reports Dated July 1997
4.2.4.b.3	RP Comments <ol style="list-style-type: none"> 1 Greg E. Challenger, Gary S. Mauseth, to Mr. Frank Csulak, 9/8/97, Letter on Tank Barge NORTH CAPE/Tug SCANDIA Oil Spill

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4.2.4.b.4	Peer Review
	<ol style="list-style-type: none"> 1 Facsimile transmittal to Debbie French of "Lobster Growth Parameters" data, Mike Fogarty, (Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Northeast Fisheries Center) for (11/7/96)
4.2.5	<u>Assessment of Lobster Habitat Utilizing Side Scan Sonar by R.S. Sylvester, Golder Associates</u>
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	<ol style="list-style-type: none"> 1 Data supplied by Richard Sylvester, Golder Associates, Inc. with accompanying Memorandum. RE: North Cape Grounding, Gary S. Mauseth, (Golder Associates, Inc.) for Applied Science Associates (12/9/96) <p style="margin-left: 40px;">Map accompanying data listed above is available for viewing at NOAA/Damage Assessment Center, 1305 East West Highway, Silver Spring, Md. Contact the Senior Records Manager at 301-713-3038, ext. 178.</p>
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	<ol style="list-style-type: none"> 1 Deborah French, to Gary Mauseth, 10/7/97, Memorandum on RE: North Cape Oil Spill - Review of Lobster Habitat Mapping Study by Golder Associates with accompanying map
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	<ol style="list-style-type: none"> 1 North Cape Oil Spill: Synthesis of Injury Quantification and Restoration Scaling for Lobsters. Deborah French, (8/31/98), 11 2 Potential Egg Production from Lobsters Killed in the North Cape Oil Spill and Replacement Estimates Using Recycled Commercial Catch. Mark Gibson, (Rhode Island division Fish and Wildlife, Marine Fisheries Office) (7/1/98), 21 3 North Cape Oil Spill: Synthesis of Injury Quantification and Restoration Scaling for Lobsters. Deborah French (3/24/99), 20
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	<ol style="list-style-type: none"> 1 DRAFT FINAL REPORT Estimate of Injuries to Marine Communities Resulting from the North Cape Oil Spill Based on Modeling of Fates and Effects. Includes Appendices A - E. Deborah P. French, (Applied Science Associates Inc) (1/1/97), 95

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	3 FINAL DRAFT REPORT Estimate of Injuries to Marine Communities Resulting from the North Cape Oil Spill Based on Modeling of Fates and Effects. Deborah P. French, (Applied Science Associates, Inc.) (11/12/97), 278; Appendices A-J
	4 User's Manual for SIMAP/NOAA prepared by Applied Science Associates, Inc., January 1998. Ver 3.3, Narragansett, Rhode Island
	5 FINAL DRAFT REPORT: Estimate of Injuries to Marine Communities Resulting from the North Cape Oil Spill Based on Modeling of Fates and Effects including Appendices A - J. Deborah P. French, (Applied Science Associates Inc.) (1/26/98), 285; Appendices A-J.
	6 Updated Estimate of Injuries to Marine Communities Resulting from the North Cape Oil Spill Based on Modeling of Fates and Effects. Debbie French, (Applied Science Associates) (9/2/98), 48
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	3 Debbie French, to Don Hart, 10/15/96, Letter on RE: First Draft Report on the SIMAP Modeling Application to the North Cape Oil Spill with attached (10/1/96) Facsimile Transmittal from Don Hart to Debbie French
	4 Don Hart, to Debbie French, 1/1/97, Personal communication. Subject: Wind data obtained from NOAA - January 1996 (Alongshore Current Velocity)
	5 Gerald M. Erickson, to Dr. Deborah French, 1/27/97, Letter on the source of adult and juvenile surf clam density values used in the biological database for computer model simulations of the NORTH CAPE oil spill
	6 Donald R. Hart, to Deborah French, 2/6/97, Letter on Questions about North Cape oil spill modeling [SIMAP]
	7 Gerald M. Erickson, to Mr. Frank Csulak, 2/7/97, Letter on T/B NORTH CAPE oil spill; Surf clam sampling methods
	8 Debbie French, to Gary Mauseth, Gerald Erickson, 2/11/97, Memorandum on Surf Clam and Crab Abundances used in the North Cape modeling
	9 Deborah French, to Don Hart, 2/14/97, Memorandum on Response to questions and comments on modeling the North Cape spill
	10 Gerald M. Erickson, Gary S. Mauseth, to Mr. Frank Csulak, 2/14/97, Letter on T/B NORTH CAPE oil spill; Surf clam sampling methods

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- 12 Debbie French, to Gary Mauseth, Gerald Erickson, 2/20/97, Memorandum on RE: Surf Clam Sampling Plan
- 13 Gerald M. Erickson, Gary S. Mauseth, to Frank Csulak, 3/28/97, Letter on RE: T/B NORTH CAPE oil spill; Revised surf clam sampling plan
- 14 Deborah French, to Gary Mauseth, 4/17/97, Memorandum on RE: Surf Clam Sampling Plan
- 15 Gerald M. Erickson, Gary S. Mauseth, to Frank Csulak, 4/23/97, Letter on RE: T/B NORTH CAPE oil spill; 28 March 1997 revised surf clam sampling plan

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- 2 1/2/98, Memorandum on Trustee Response to Comments from Responsible Party (Review by Mauseth, Hart, and Challenger dated December 16, 1997) On Injury Study Entitled, "Estimate of Injuries to Marine Communities Resulting From the NORTH CAPE Oil Spill Based on Modeling of Fates and Effects", Deborah French, ASA, 12 November 1997
- 3 Response to Beak's Comments on Marine Modeling Report on January 1998, Memorandum from Deborah French to Carol-Ann Manen, Frank Csulak, Steve Morin, Mike Donlan, 12/3/98
- 4 Debbie French, to Carol-Ann Manen, Frank Csulak, Steve Morin, Mike Donlan, 12/14/1998, Letter on Response to RP Reviews of Toxicity Modeling for the North Cape

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- 1 Review of "Estimate of Injuries to Marine Communities Resulting from the North Cape Oil Spill based on Modelling of Fates and Effects, French, 1997". D. Hart, B. Rodgers, (Beak Consultants Incorporated) (4/4/97), 51
- 2 Gary S. Mauseth, Don Hart, Greg Challenger, to Frank Csulak, 12/16/97, Letter on NORTH CAPE Oil Spill; Review of Final Draft Report "Estimate of Injuries to Marine Communities Resulting from the NORTH CAPE Oil Spill Based on Modeling of Fates and Effects" Deborah French ASA, 12 November 1997.
- 3 Review of Document: French, D.P. 1998. Estimate of Injuries to Marine Communities Resulting from the North Cape Oil Spill Based on Modeling of Fates and Effects. Draft Final Report. Jerry M. Neff, (Battelle Ocean Sciences) (3/1/98), 12
- 4 Review of the Use of Applied Science Associates (ASA) Spill Impact Model Analysis Package (SIMAP) Computer Model to Estimate Injuries Resulting from the Barge North Cape Oil Spill off Rhode Island (1/19/96). DRAFT REPORT. Transmitted with (4/6/98) letter from Hart, Don to Stephen Morin, Frank Csulak and Mike Donlan. Inc. Beak Consultants, (Beak Consultants,

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	1 David A. Chin, to Mike Donlan, 1/15/98, Memorandum on Review of Draft North Cape Report; SIMAP documentation comments, from Chin to Donlan, 1/15/98
	2 Debbie French, to Carol-Ann Manen, Frank Csulak, Steve Morin, Mike Donlan, 1/30/98, Memorandum on Response to Review of North Cape Modeling Report: Comments by Dr. David Chin, U. of Miami, 1/15/98
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	1 G.A.L. Delvigne's Review of Deborah French's report Estimate of Injuries to Marine Communities Resulting from the North Cape Oil Spill Based on Fates and Effects, (12/15/97). G.A.L. Delvigne, (1/15/97)
	2 Response to Review of North Cape Modeling Report: Comments by G.A.L. Delvigne, 1/15/97. Debbie French, (2/3/98), 10
	3 G.A.L. Delvigne, to Mike Donlan, 2/25/98, Letter from Delvigne to Donlan; re: Deborah French's responses on Delvigne's comments dealing with review of North Cape Modeling Report
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	1 Review Comments from Richard C. Swartz on Estimate of Injuries to Marine Communities resulting from the North Cape Oil Spill based on Modeling of Fates and Effects by Deborah French. Richard C. Swartz, (1/4/98), 5
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	1 Mark Gibson, to North Cape Marine Tech. Working Group, 6/17/96, Memorandum on Surf Clam Mortality and Species Ranking Progress Report
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4.3.2.b.3	RP Comments <ol style="list-style-type: none"> 1 Greg E. Challenger, Gary S. Mauseth, to Mr. Frank Csulak, 8/14/97, Letter on Comments on Studies Received 30 June 1997 NORTH CAPE Oil Spill
4.3.2.b.4	Peer Review <ol style="list-style-type: none"> 1 Gregory L. Glass, to Mike Donlan, 11/29/96, Memorandum on North Cape Oil Spill, Initial Review of Two papers by Mark Gibson, RIDFW: Statistical Issues, November 15, 1996
4.3.3	<u>Assessing Surf Clam Populations by Joe DeAlteris, University of Rhode Island</u>
4.3.3.a	Reports <ol style="list-style-type: none"> 1 T/B North Cape Oil Spill Surf Clam (<i>Spisula solidissima</i>) Sampling Program Report transmitted with letter from Erickson, Gerald M. and Gary S. Mauseth to Frank Csulak. Gerald M. Erickson, Gary S. Mauseth, (Beak Consultants Incorporated) (8/7/97), 104 2 Gerald M. Erickson, to Gary Mauseth, 3/18/98, Memorandum on RE: Surf Clam Sampling Program Update 3 Draft: Effects of the T/B North Cape Oil Spill on the Surf Clam (<i>Spisula solidissima</i>) in the Coastal Waters of Southern Rhode Island. Joseph DeAlteris, (DeAlteris Associates, inc.) (3/30/98), 110
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	8. Steve Morin, to North Cape Trustees, 7/6/98, Memorandum on Surf Clam Fishing Pressure
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	1 Deborah P. French, Charles H. Peterson, to Gary Mauseth, 10/7/97, Memorandum on Review of August 1997 Surf Clam Report by Beak
	2 Review of the DRAFT "Effects of the T/B North Cape Oil Spill on the Surf Clam (<i>Spisula Solidissima</i>) in the Coastal Waters of southern Rhode Island" by Joseph DeAlteris of 30 March 1998. Charles H. Peterson, (5/8/98), 4
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	1 Proposal for "Assessing Populations of Subtidal Epifaunal Invertebrates in the Vicinity of the North Cape Oil Spill" transmitted with Memorandum from Debbie French to Gary Mauseth, et.al. (9/11/96). Jon D. Witman, (Department of Ecology and Evolutionary Biology)(9/6/96), 4
	2 Assessment of Subtidal Epifaunal Populations in the Vicinity of the North Cape Oil Spill. Jon D. Witman, Salvatore J. Genovese, Sean P. Grace, John F. Bruno, Franz Smith, (Brown University, Department of Ecology and Evolutionary Biology) (5/1/97), 27
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	1 Deborah French, to Carol-Ann Manen, Frank Csulak, Steve Morin, et al., 2/12/98, Letter on Response to Beak's Comments on Four Marine Technical Working Group Reports
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4.3.5	<u>Shore Deposits of Marine Macrobenthos by Sheldon Pratt, University of Rhode Island</u>
4.3.5.a	Reports <ol style="list-style-type: none"> 1 Sheldon D. Pratt, to North Cape Marine Tech. Working Group, 9/12/96, Letter on North Cape Spill Assessment: Macrobenthos mortality. Proposal to "Assess Macrobenthos Mortality" 2 Interpretation of shore deposits of marine macrobenthos in the vicinity of the North Cape oil spill. Sheldon D. Pratt, (University of Rhode Island, Graduate School of Oceanography) (11/8/96), 18
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4.3.6	<u>Marine Technical Working Group</u>
4.3.6.a	Meetings <ol style="list-style-type: none"> 1 5/30/96, Marine Technical Working Group Minutes: May 30, 1996 2 Agenda: June 19, 1996 Meeting North Cape NRDA Marine Technical Working Group. (6/19/96), 7 3 Minutes: North Cape NRDA Marine Technical Working Group Meeting -- June 19,1996. (6/19/96), 4 4 6/20/96, Draft Work Plan, June 20, 1996, Marine Technical Working Group: North Cape Oil Spill Natural Resource Damage Assessment 5 Debbie French, to Gary Mauseth, Pete Peterson, Jon Witman, Mark Gibson, Mike Fogarty, Stan Cobb, Mike Clancy, Saul Salia, Frank Csulak, John Catena, Tim Petersen, Mike Donlan, Carol-Ann Manen, Norman Meade, Jim Opaluch, 8/13/96, Memorandum on North Cape NRDA Meeting: August 30, 1996 6 8/30/96, Minutes: North Cape NRDA Marine Technical Working Group 7 Technical North Cape Marine Working Group, August 30, 1996 Meeting Agenda. (8/30/96), 3 8 12/18/97, Agenda: North Cape NRDA Marine Technical Working Group Meeting - Lobster Injury Quantification, December 18, 1997

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- 1 Angell II, Warren S. (State of Rhode Island and Providence Plantations RIDEM/Division of Site Remediation). Letter to Deborah French (Applied Science Associates, Inc.). May 22, 1996. Underwater Survey video generated by the NUWC Scientific Diving Team.
 - 2 Debbie French, to Pete Peterson, Jon Whitman, Mark Gibson, Gary Mauseth, Stan Cobb, Saul Saila, John Catena, Frank Csulak, 5/24/96, Memorandum on Meeting on May 30, Narragansett, RI
 - 3 Summary of Available Information: Marine Resources As of June 7, 1996. (6/7/96), 6
 - 4 Debbie French, to Gary Mauseth, Peter Peterson, Jon Whitman, Mark Gibson, Mike Fogarty, Stan Cobb, Saul Saila, Frank Csulak, John Catena, 6/13/96, Memorandum on North Cape Marine Technical Working Group
 - 5 Minutes: North Cape NRDA Marine Technical Working Group Meeting -- June 19,1996. (6/19/96), 4
 - 6 Agenda: June 19, 1996 Meeting North Cape NRDA Marine Technical Working Group. (6/19/96), 7
 - 7 Debbie French, to Gary Mauseth, Pete Peterson, Jon Witman, Mark Gibson, Mike Fogarty, Stan Cobb, Saul Saila, Frank Csulak, Carol-Ann Manen, John Catena, June 27, 1996, Memorandum on North Cape Marine Technical Working Group
 - 8 Debbie French, to Tim Peterson, Mike Donlan, 7/3/96, Memorandum on North Cape NRDA - Draft Work Plan for the Marine Technical Working Group with accompanying (6/27/96) Draft outline of the Final Report of the Marine Technical Working Group
 - 9 Debbie French, to Frank Csulak, 7/13/96, Memorandum on Marine Technical Working Group Report
 - 10 Debbie French, to Gary Mauseth, Pete Peterson, Jon Witman, Mark Gibson, Mike Fogarty, Stan Cobb, Mike Clancy, Saul Saila, Frank Csulak, John Catena, Tim Petersen, Mike Donlan, Carol-Ann Manen, Norman Meade, Jim Opaluch, 8/13/96, Memorandum on North Cape NRDA Meeting: August 30, 1996
 - 11 Technical North Cape Marine Working Group, August 30, 1996 Meeting Agenda. (8/30/96), 3
 - 12 8/30/96, Minutes: North Cape NRDA Marine Technical Working Group
 - 13 North Cape Oil Spill Summary of Available Information: Marine Resources As of September 3, 1996. (9/3/96), 7
 - 14 Debbie French, to Gary Mauseth, Andrew Kindig, Pete Peterson, Mark Gibson, Stan Cobb, Mike Clancy, Saul Saila, Mike Fogarty, Frank Csulak, Carol-Ann Manen, John Catena, Steve Morin, Mike Donlan, Mike Huguenin, 9/11/96, Memorandum on North Cape Epifaunal Study

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4.3.7.	<u>Restoration Scaling</u> <ul style="list-style-type: none"> 1 Charles H. Peterson, to North Cape Oil Spill Trustees, 11/3/98, Memorandum on Review of Shellfish Restoration Option in the Draft Restoration Plan and Scaling Report 2 Restoration Scaling for Injuries Resulting from the North Cape Oil Spill, Deborah French 11/12/98. Debbie French, (11/12/98), 31 3 Restoration Scaling for Marine and Salt Pond Injuries Resulting from the North Cape Oil Spill. Deborah French, (3/24/99), 31
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4.4.1.b.2	Trustee Comments <ol style="list-style-type: none"> 1 Kenneth R. Hinga, to NCOS Ponds Technical Working Group, 2/27/97, Memorandum on Reply to Review of Report by Paul Boehm 2 Response to the Responsible Party Comments on the Salt Pond Exposure Assessments: North Cape Oil Spill. Jacqueline Michel, (Research Planning, Inc.), 11 3 Debbie French, Craig Swanson, to Jacqueline Michel, Frank Csulak, Carol-Ann Manen, Steve Morin, Memorandum on Review of Hinga's Salt Pond Concentrations Report 4 Use of Results from the MERL Experiments for Modeling Fate of North Cape Oil in the Salt Ponds of Rhode Island. Jacqueline Michel, James R. Payne, 18
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	2 Jacqueline Michel, to Trustee Council, 4/4/97, Memorandum on Exposure Areas for Contaminated Bottom Sediments in the Salt Ponds
4.4.2.b	Review and Comments
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	1 Jacqueline Michel, Maps of Exposure Areas in the Salt Ponds. Transmitted with (2/24/97) Memorandum from Jacqueline Michel. 1997, 4, 5, 6, 7
	2 Don A. Kane, to Salt Pond Technical Working Group, 4/17/97, Letter on Map of Green Hill Pond Exposure to North Cape oil. Attached to (5/7/97) Memorandum from Jacqueline Michel to the Salt Pond Technical Working Group
	3 Jacqueline Michel, Map of Exposure Area in Green Hill Pond with accompanying (5/7/97) Memorandum from Jacqueline Michel to the Salt Pond Technical Working Group. 1997, 3,4
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	3 Jacqueline Michel, to Don A. Kane, 4/10/98, Letter on RE: Trustees Response to Comments
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	1 Don A. Kane, to Jacqui Michel, 7/23/97, Letter on North Cape NRDA; comments on maps of exposure areas in the salt ponds
	2 Don A. Kane, to Jacqui Michel, 10/22/97, Letter on North Cape NRDA; comments on four studies submitted 22 September 1997
	3 Don A. Kane, to Donald Frankel, 3/13/98, Letter on RE: NORTH CAPE NRDA; comments on four Trustee reports submitted to Responsible Party on 27 January 1998
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	7 Charlie Hebert, to Jacqueline Michel, 10/17/96, Memorandum on North Cape Oil Spill Natural Resource Damage Assessment - Oil Presence Monitoring: Interim Report to Salt Pond Technical Working Group
	8 Final Data for North Cape Oil Spill Sediment Batch 3 submitted with (10/23/96) Correspondence RE: North Cape Oil Spill Sediment Batch 3 - ADL Ref. No. 58162-00, John S. Brown, (Arthur D. Little) for Beak Consultants, Inc. - Don Kane
	9 Impact of North Cape Oil Spill on the Galilee Bird Sanctuary and Bluff Hill Cove Salt Marshes, Narragansett, Rhode Island. Kenneth Raposa, (Marine Ecosystems Research Laboratory, Graduate School of Oceanography University of Rhode Island) (11/7/96), 13
	10 Evaluation of Rhode Island Pond Bivalves and Sediments after the North Cape Oil Spill. Transmitted with (11/13/96) Memorandum from Kane, Don to Salt Pond Technical Working Group. P.D. Boehm, J.S. Brown, G.S. Douglas, (Arthur D. Little, Inc.) (11/13/96), 84
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	2 Jacqueline Michel, to Salt Pond Technical Working Group, 6/27/97, Memorandum on Salt Marsh Injury in the Salt Ponds from the North Cape Oil Spill
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	2 Jacqueline Michel, Ph.D., to Don A. Kane, 10/9/97, Letter on Comments on the ADL Report on "Evaluation of Rhode Island Pond Bivalves and Sediments after the North Cape Oil Spill"
	3 Jacqueline Michel, to Don A. Kane, 4/10/98, Letter on RE: Trustees Response to Comments
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	1 Don A. Kane, to Molly B. Sperduto, 9/18/97, Letter on NORTH CAPE oil spill, comments on five trustee studies submitted to responsible party on 21 July 1997

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4.4.4.b.1.	Technical Comments
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4.4.4.b.3	RP Comments <ul style="list-style-type: none"> 1 Don A. Kane, to Molly B. Sperduto, 9/18/97, Letter on NORTH CAPE oil spill, comments on five trustee studies submitted to responsible party on 21 July 1997 2 Don A. Kane, to Molly B. Sperduto, 10/13/97, Letter on NORTH CAPE oil Spill, comments on seven studies submitted to the responsible party on 4 September 1997 3 Don A. Kane, to Jacqui Michel, 11/11/97, Letter on North Cape NRDA; comments on Winter Flounder Embryos Study
4.4.5	<u>Estimate of Losses by Deborah French, ASA</u>
4.4.5.a	Reports <ul style="list-style-type: none"> 1 Estimation of Losses in the Salt Ponds Resulting from Water Column Acute Toxicity. Deborah French, (Applied Science Associates, Inc.) (12/4/96), 13 2 Estimation of Losses in the Salt Ponds Resulting from Water Column and Sediment Acute Toxicity. Debbie French, Henry Rines, (Applied Science Associates, Inc.) (12/8/97), 35 3 Estimation of Losses in the Salt Ponds Resulting from Water Column and Sediment Acute Toxicity. Deborah French, Henry Rines, (Applied Science Associates, Inc.) (8/23/98), 33

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4.4.5.b	Review and Comments
4.4.5.b.1	Technical Comments
4.4.5.b.2	Trustee Comments
	<ol style="list-style-type: none"> 1 Jacqueline Michel, to Don A. Kane, 4/10/98, Letter on RE: Trustees Response to Comments 2 Debbie French, to Carol-Ann Manen, Frank Csulak, Steve Morin, Mike Donlan, 12/14/1998, Letter on Response to RP Reviews of Toxicity Modeling for the North Cape
4.4.5.b.3	RP Comments
	<ol style="list-style-type: none"> 1 Review of "Estimation of Losses in the Salt Ponds Resulting from Water Column Acute Toxicity, French, 1996". Don Hart, (Beak Consultants, Inc.) (4/4/97), 10 2 Don A. Kane, to Molly B. Sperduto, 9/18/97, Letter on NORTH CAPE oil spill, comments on five trustee studies submitted to responsible party on 21 July 1997 3 Don A. Kane, to Jacqui Michel, 11/11/97, Letter on North Cape NRDA; comments on Winter Flounder Embryos Study 4 Review of Document: French, D.P. 1998. Estimate of Injuries to Marine Communities Resulting from the North Cape Oil Spill Based on Modeling of Fates and Effects. Jerry M. Neff, (Battelle Ocean Sciences) (3/1/98), 12 5 Don A. Kane, to Donald Frankel, 3/13/98, Letter on RE: NORTH CAPE NRDA; comments on four Trustee reports submitted to Responsible Party on 27 January 1998
4.4.5.b.4	Peer Review
4.4.6	<u>Winter Flounder</u>
4.4.6.a	Reports
	<ol style="list-style-type: none"> 1 Assessment of Potential for Biological Injury Resulting from Exposure to Sediments Contaminated with Oil from the North Cape Oil Spill, based on Sediment Concentrations and Expected Water and Tissue Concentrations. James P. Meador, (National Marine Fisheries Service, NOAA) (11/1/96), 11 2 Cytological-Cytogenetic Analyses of Winter Flounder Embryos From Benthos at the Barge North Cape Oil Spill. James B. Hughes, (National Marine Fisheries Service, Northeast Fisheries Science Center) (1/6/97), 15 3 Oil Exposure of Fish in the Salt Ponds of Rhode Island Following the North Cape Oil Spill, and Estimation of Potential for Biological Injury to Winter Flounder (<i>Pleuronectes americanus</i>). Revised based on review (7/97 and 12/97) comments. Tracey K. Collier, Lyndal L. Johnson, Tom Hom, Margaret M. Krahn, John E. Stein, (Environmental Conservation Division, Northwest Fisheries Science Center, NMFS, NOAA) (1/7/97), 72 4 Abundance, Growth and Survival of the 1996 Winter Flounder Year Class in Rhode Island Coastal Salt Ponds Following the North Cape Oil Spill in Block Island Sound. Mark R. Gibson, Cynthia Gray, (Rhode Island Division of Fish

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4.4.6.b.	and Wildlife) (3/1/97), 19 Review and Comments

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4.4.6.b.1	Technical Comments <ol style="list-style-type: none"> 1 Don A. Kane, to Tracy Collier, 3/10/97, Letter on Re: North Cape NRDA, NMFS sediment data
4.4.6.b.2.	Trustee Comments <ol style="list-style-type: none"> 1 Jacqueline Michel, to Don A. Kane, 4/10/98, Letter on RE: Trustees Response to Comments
4.4.6.b.3	RP Comments <ol style="list-style-type: none"> 1 Don A. Kane, to Jacqui Michel, 10/22/97, Letter on North Cape NRDA; comments on four studies submitted 22 September 1997 2 Don A. Kane, to Jacqui Michel, 11/11/97, Letter on North Cape NRDA; comments on Winter Flounder Embryos Study 3 Don A. Kane, to Donald Frankel, 3/13/98, Letter on RE: NORTH CAPE NRDA; comments on four Trustee reports submitted to Responsible Party on 27 January 1998
4.4.6.b.4	Peer Review
4.4.7	<u>Salt Pond Technical Working Group</u>
4.4.7.a	Meetings <ol style="list-style-type: none"> 1 Salt Pond Technical Working Group, 5/16/96, Final Study Plan for the Salt Ponds Communities, Technical Working Group. Summary of 24 April 1996 TWG Meeting
4.4.7.b	Progress Reports <ol style="list-style-type: none"> 1 Salt Pond Communities Technical Working Group, North Cape Oil Spill Status Report as of 20 June 1996. Tracey K. Collier, John Catena, (Salt Pond Communities Technical Working Group) (6/20/96), 2 2 Charles E. Hebert, to Molly Sperduto, Steve Morin, Don Kane, Deb French, John Catina, Mike Donlan/Todd Lookingbill, January 30, 1997, Memorandum on NRDA Information 3 Salt Pond Communities Technical Working Group: Synthesis Jacqueline Michel, Research Planning, Inc. Jacqueline Michel, (Research Planning, Inc.)(3/5/97), 15
4.4.7.c	Participants <ol style="list-style-type: none"> 1 Mike Donlan, to North Cape Damage Assessment Participants, 12/2/98, Memorandum on Membership of North Cape Groups, Councils, etc.
4.4.8	<u>Restoration Scaling</u> <ol style="list-style-type: none"> 1 Restoration Scaling for Injuries Resulting from the North Cape Oil Spill, Deborah French 11/12/98. Debbie French, (11/12/98), 31 2 Restoration Scaling for Marine and Salt Pond Injuries Resulting from the North Cape Oil Spill. Deborah French, (3/24/99), 31

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4.5	Bird Injury And Restoration
4.5.1	<u>Piping Plover</u>
4.5.1.a	Reports
	<ol style="list-style-type: none"> 1 A Comparison of Invertebrate Pit-Trap Samples from Trustom and East Beaches, Rhode Island, USA, Following an Oil Spill. Dr. Mark Gould, (College of Arts and Sciences, Roger Williams University) (9/15/96), 27 2 North Cape Oil Spill Public Bathing Beach Assessment Trustom Pond Overwash Survey: Final Report. Michael Mulhare, Paula-Jean Therrien, (RIDEM - Rhode Island Department of Environmental Management) (9/19/96), 33 3 Potential Impact of the North Cape Oil Spill on Piping Plover and Shorebird Prey Species in Intertidal and Breach/Pond Shore Habitats: Interpretation of Benthic Data. Science Applications International Corporation , (Science Applications International Corporation) 11/12/96), 21 4 Assessment of the North Cape Oil Spill Impacts to the 1996 Piping Plover Breeding Season at Trustom Pond NWR: Final Report. Jennifer K. Casey, (Ninigret NWR) (12/1/96), 72 5 Rhode Island Piping Plover Restoration Project 1996. Final Report. Eileen McGourty, (Ninigret National Wildlife Refuge) (1/1/97), 37 6 The Impact of the North Cape Oil Spill on the Roughnecked Tiger Beetle <i>Cicindela Hirticollis</i> Say (Coleoptera: Cicindelidae): Final report to Beak Consultants, Inc.. Dr. Philip Nothnagle, (1/8/97), 10 7 Don A. Kane, to Molly B. Sperduto, 6/9/97, Letter on NORTH CAPE oil spill, statistical analyses of invertebrate data
4.5.1.b	Review and Comments
4.5.1.b.1	Technical Comments
4.5.1.b.2	Trustee Comments
	<ol style="list-style-type: none"> 1 Trustee Response to Responsible Party's Comments (18 September 1997) on the Cooperative Study Entitled: Assessment of the North Cape Oil Spill Impacts to the 1996 Piping Plover Breeding Season at Trustom Pond NWR, by Jennifer Casey, July 1997. Suzanne Suzanne Paton, Alix Van Geel, Jennifer Casey, Charles Hebert, Molly Sperduto, (Shorebird Biologist Consultant, Industrial Economics, Inc., Umbagog National Wildlife Refuge, Rhode Island National Wildlife Refuge Complex, USFWS)(9/17/98), 21 2 Molly B. Sperduto, to Don A. Kane, 10/14/97, Letter on Trustee Comments Regarding Three Bird-Related Studies
4.5.1.b.3	RP Comments
	<ol style="list-style-type: none"> 1 Don A. Kane, to Molly B. Sperduto, 8/21/96, Letter on Comments on Invertebrate Pit-Trap Sample Report by Mark Gould; Project 22155 2 Don A. Kane, to Molly B. Sperduto, 6/9/97, Letter on NORTH CAPE oil spill, statistical analyses of invertebrate data

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	<ul style="list-style-type: none"> 3 Don A. Kane, to Molly B. Sperduto, 9/18/97, Letter on NORTH CAPE oil spill, comments on five trustee studies submitted to responsible party on 21 July 1997 4 Don A. Kane, to Molly B. Sperduto, 9/22/97, Letter on NORTH CAPE oil spill, comments on 2 trustee studies submitted to responsible party on 6 August 1997 5 Don A. Kane, to Molly B. Sperduto, 10/13/97, Letter on NORTH CAPE oil Spill, comments on seven studies submitted to the responsible party on 4 September 1997
4.5.1.b.4	Peer Review
4.5.2	<u>Seabirds (including Loons, Eiders, Mergansers, and Grebes) and Pond Birds</u>
4.5.2.a	Reports
	<ul style="list-style-type: none"> 1 Estimate of Total Acute Mortality to Birds Resulting from the North Cape Oil Spill, South Kingstown, Rhode Island, January 19, 1996. Molly Sperduto, Charles Hebert, Jim Myers, George Haas, (U.S. Fish and Wildlife Service and Rhode Island Department of Fish, Wildlife and Estuarine Services) (6/23/97), 22 2 Estimate of Recovery Time for Birds Killed as a Result of the North Cape Oil Spill, South Kingstown, Rhode Island, January 19, 1996. Molly Sperduto, Mike Donlan, Charles Hebert, (U.S. Fish and Wildlife Service) (11/4/97), 9 3 Estimate of Total Acute Mortality to Birds Resulting from the North Cape Oil Spill, South Kingstown, Rhode Island, January 19, 1996, Final Report. Molly Sperduto, Charles Hebert, Jim Myers, George Haas, (U.S. Fish and Wildlife Service and Rhode Island Department of Fish, Wildlife and Estuarine Services) (7/28/98), 30 4 Estimate of Recovery Time and Total Injury for Birds Killed as a Result of the North Cape Oil Spill, South Kingstown, Rhode Island, January 19, 1996, Revised December 3, 1998. Molly Sperduto, Charles Hebert, Mike Donlan, (12/7/98), 18
4.5.2.b	Review and Comments
4.5.2.b.1.	Technical Comments
	<ul style="list-style-type: none"> 1 Don A. Kane, to Molly B. Sperduto, 7/2/96, Letter on Literature on Estimate Oil Spill Bird Mortality; Project 22155 2 Preliminary Sensitivity Analysis for Estimate of Recovery Time and Total Injury for Common Loons (<i>Gavia immer</i>) Killed as a Result of the North Cape Oil Spill. Mike Donlan, Sara Thompson, Charlie Herbert, (Industrial Economics and U.S. Fish and Wildlife Service)(12/14/98), 3
4.5.2.b.2	Trustee Comments
	<ul style="list-style-type: none"> 1 Molly B. Sperduto, to Don A. Kane, 10/14/97, Letter on Trustee Comments Regarding Three Bird-Related Studies
4.5.2.b.3	RP Comments
	<ul style="list-style-type: none"> 1 Don A. Kane, to Molly B. Sperduto, 9/18/97, Letter on NORTH CAPE oil spill, comments on five trustee studies submitted to responsible party on 21 July 1997

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- 2 Don A. Kane, to Molly B. Sperduto, 9/22/97, Letter on NORTH CAPE oil spill, comments on 2 trustee studies submitted to responsible party on 6 August 1997

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	<ul style="list-style-type: none"> 3 D. Michael Fry, to Don A. Kane, 3/9/98, Letter on RE: Evaluation of North Cape NRDA Peer Review of Estimate of Recovery Time for Birds Killed as a Result of the North Cape Oil Spill 4 Don A. Kane, to Donald Frankel, 3/13/98, Letter on RE: NORTH CAPE NRDA; comments on four Trustee reports submitted to Responsible Party on 27 January 1998
4.5.2.b.4	Peer Review
	<ul style="list-style-type: none"> 1 David Evers, to Industrial Economics, Inc., 12/4/1998, Letter on Preliminary Comment on the "Estimate of Recovery Time and Total Injury for Birds Killed as a Result of the North Cape Oil Spill, South Kingstown, Rhode Island, January 19, 1996"
4.5.3	<u>Assessing the Impact on Tiger Beetle Population</u>
4.5.3.a	Reports
	<ul style="list-style-type: none"> 1 The Impact of the North Cape Oil Spill on the Roughnecked Tiger Beetle <i>Cicindela hirticollis</i> Say (Coleoptera: Cicindelidae): Final report to Beak Consultants, Inc.. Dr. Philip Nothnagle, (1/8/97), 10
4.5.3.b.1	Technical Comments
4.5.3.b.2.	Trustee Comments
	<ul style="list-style-type: none"> 1 Molly B. Spurduto, to Don A. Kane, 10/14/97, Letter on Trustee Comments Regarding Three Bird-Related Studies
4.5.3.b.3.	RP Comments
	<ul style="list-style-type: none"> 1 Don A. Kane, to Molly B. Spurduto, 10/13/97, Letter on NORTH CAPE oil Spill, comments on seven studies submitted to the responsible party on 4 September 1997
4.5.3.b.4.	Peer Review
4.5.4	<u>Bird Technical Working Group</u>
4.5.4.a	Meetings
	<ul style="list-style-type: none"> 1 Molly Spurduto, to Charlie Hebert, George Haas, Don A. Kane, Jim Meyers, Mike Donlan, 8/1/96, Bird Technical Working Group Meeting; Summary of July 17 Meeting and Characteristics of North Cape Spill 2 Molly Spurduto, to Charlie Hebert, George Haas, Don A. Kane, Jim Meyers, Mike Donlan, 7/15/96, Memorandum on Bird Technical Working Group Meeting; Agenda for Conference Call July 17, 1996 and summary of June 19 meeting 3 Molly Spurduto, to Charlie Hebert, George Haas, Don A. Kane, Jim Meyers, Mike Donlan, 6/14/96, Memorandum on Bird Technical Working Group Meeting, June 19, 1996; Summary of Bird Technical Working Group Meeting 6/6/96 4 Molly Spurduto, to Charlie Hebert, Don A. Kane, Mike Donlan, George Haas, Jim Meyers, 5/9/96, Bird Technical Working Group Meeting Minutes and

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	Agenda; May 9, 1996
	5 Molly Spurduto, 5/7/96, Memorandum on Bird Technical Working Group Meeting Agenda for 5/9/96 meeting from Molly Spurduto to Charlie Hebert, George Haas, Don Kane and Jim Meyers, 5/7/96
	6 Molly Spurduto, to Charlie Hebert, George Haas, Don A. Kane, Jim Meyers, Mike Donlan, 9/4/96, Memorandum on Bird Technical Working Group Meeting, September 9, 1996, data received from George Haas and Summary of 8/27/96 Bird Technical Working Group Conference Call
4.5.4.b	Progress Reports
	1 Draft Work Plan Bird Technical Working Group Natural Resource Damage Assessment North Cape Oil Spill. Charles Hebert, George Haas, (Bird Technical Working Group) (5/8/96), 4
4.5.4.c	Participants
	1 Mike Donlan, to North Cape Damage Assessment Participants, 12/2/98, Memorandum on Membership of North Cape Groups, Councils, etc.
4.5.5	<u>Restoration Scaling</u>
	1 Defining Breeding Loons and How to Incorporate Cohort Snapshots of their Winter and Summer Populations. David Evers, (3/22/99)
	2 Injury Quantification and Restoration Scaling for Marine Birds Killed as a Result of the North Cape Oil Spill. M. Spurduto, C. Hebert, M. Donlan, S. Thompson, (3/25/99)
	3 Information provided by the Maine Audubon Society from the "Proceedings from 1992 Conference on the Loon and its Ecosystem: Status, Management and Environmental Concerns." August 22-24, 1992, College of the Atlantic, Bar Harbor, Maine. Includes: Effects of Lakeshore Development and Recreational Activity on the Reproductive Success of Common Loons in Southern Maine, S.S. Stockwell and J. Jacobs; Effects of Human Disturbance Mitigation on Common Loon Productivity in Northwestern Montana, L.M. Kelly; and Environmental Pathology of 124 Common Loons from the Northeastern United States, 1989-1992, M.S. Pokras et al.
	4 Information provided by the Loon Preservation Committee, C. Rimmer, January 8, 1999. Includes: The 1998 Breeding Status of Common Loons in Vermont, The Vermont Loon Project; The 1998 Breeding Status of Common Loons in Vermont, E. W. Hanson et al., The Breeding Status on Common Loons in Vermont 1989, D.E. Kaveney and C.C. Rimmer; The Effectiveness of Management and Educational Activities in Recovering Common Loon Populations in New Hampshire, H. Vogel; Summary of Loon Preservation Committee Research and Management Activities for the 1997 Field Season, K. Taylor and H. Vogel; The Impact of Cottage Development on Common Loon Reproductive Success in Central Ontario, M. Heimberger, et. al. Response to the Common Loon to Recreational Pressure in the Boundary Waters Canoe Area, Northeastern Minnesota, J.R. Titus and L. W. VanDruff
	5 Mercury Exposure as Measured Through Abandoned Common Loon Eggs in New Hampshire, 1998. 1999 Draft Report by Loon Preservation Committee,

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Kate Taylor and Harry Vogel (3/31/99), Includes: Appendix I. 1998 NH Whole Egg Hg by Monitoring Region, 10

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	6 Drew Major to LPPC Members, 3/3/99, Memorandum on Response to: Rawson Wood's photographs, memo from Keith Nelson (8/21/98), letter from Rawson Wood (12/1/98), 7
4.6	Human Use, Injury, and Restoration
4.6.1	<u>Lost Human Use: Beach Attendance</u>
4.6.1.a	Reports
	1 Todd Lookingbill, Mike Donlan, Mike Huguenin, to North Cape Economics TWG, 11/14/96, Memorandum on North Cape Oil Spill: Beach Attendance
4.6.1.b	Review and Comments
	1 Field Notes from Interviews - Narragansett Beach - Hotel and Bay Dive Shop etc., Norman Meade, (10/28/96)
4.6.1.b.3	RP Comments
	1 Thomas A. Grigalunas, to Norman Meade, 7/21/97, Letter on Comments on trustee reports concerning beach attendance and recreational diving
	2 James J. Opaluch, to Catherine Adams Fiske, Mike Donlan, July 24, 1997, Letter on Comments on North Cape Studies submitted to Norman Meade
4.6.2	<u>Lost Human Use: Recreational Diving</u>
4.6.2.a	Reports
	1 Mark Curry, to North Cape Economics TWG, 4/28/97, Memorandum on North Cape Oil Spill: Recreational Diving
4.6.2.b.	Review and Comments
	1 Curry Mark, 10/24/96, Memorandum on Synopsis of Dive Shop Interviews, North Cape Oil Spill; Conducted 10/24/96 by Mark Curry
	2 Field Notes from Interviews - Narragansett Beach - Hotel and Bay Dive Shop etc., Norman Meade, (10/28/96)
	3 Curry Mark, 11/8/96, Memorandum on Synopsis of Dive Shop Interviews, North Cape Oil Spill; conducted 11/8/96 by Mark Curry
4.6.2.b.3	RP Comments
	1 Thomas A. Grigalunas, to Norman Meade, 7/21/97, Letter on Comments on trustee reports concerning beach attendance and recreational diving
	2 James J. Opaluch, to Catherine Adams Fiske, Mike Donlan, July 24, 1997, Letter on Comments on North Cape Studies submitted to Norman Meade
4.6.3	<u>Lost Human Use: Public Visitation Study</u>
4.6.3.a.	Reports
	1 John Charbonneau, to North Cape Economics Technical Working Group, 6/5/97, Memorandum on Public Visitation Study - Ningret National Wildlife Refuge Complex

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4.6.4	<u>Lost Human Use: Lost Use of Party and Charter Boat Recreational Fishing</u>
4.6.4.a	Reports <ol style="list-style-type: none"> 1 North Cape Oil Spill: Value of Interim Lost Use of Party and Charter Boat Recreational Fishing. Mark Curry, Norman Meade, (Industrial Economics, Incorporated and Damage Assessment Center, National Oceanic and Atmospheric Administration) (6/20/97), 10
4.6.4.b	Review and Comments
4.6.4.b.1.	Technical Comments
4.6.4.b.2.	Trustee Comments
4.6.4.b.3.	RP Comments
4.6.4.b.4.	Peer Review
4.6.5	<u>Economics Technical Working Group</u>
4.6.5.a	Meetings <ol style="list-style-type: none"> 1 Curry Mark, to Tom Grigalunas/Jim Opaluch, 1/20/97, Letter on Letter to Dr. Grigalunas; enclosed diskette containing 1995 and 1996 log book data for charter and part boat analysis, 1/20/97 2 North Cape Economics Technical Working Group Meeting Agenda, December 16, 1996 3 Norman Meade, John Charbonneau/Michael Hay, Claude Cote, Mike Huguenin, Malcolm Grant, 7/24/96, Conference Call Summary 4 Mike Donlan, to Economics TWG, 9/25/98, Summary of 9/25/96 Economics TWG Meeting 5 9/25/96, Econ TWG Meeting Attendance List
4.6.5.b	Progress Reports <ol style="list-style-type: none"> 1 Rob Hicks, to Tim Petersen, 5/23/98, Letter on Letter to Tim Peterson from Rob Hicks enclosing detail of data DAC collected and preliminary data on DOI refuge usage 2 Report from Economic Analysis, Inc.; Commercial Fishery Landings at Rhode Island and Nearby Regional Ports from NMFS Area 539:1984-1994. Jerry Diamantides, ()(10/3/96), 18 3 Volume 2: The Economic Value of Mid and South Atlantic Sportfishing. K. E. McConnell, I. E. Strand, (Industrial Economics, Inc.) (9/1/94), 153 4 Field Notes from Interviews, Norman Meade, (10/28/96) 5 North Cape Barge Oil Spill: Notes from Telephone Interviews conducted in February and March, 1997, Norman Meade, (2/4/97- 3/19/97)
4.6.5.c	Participants

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1 Mike Donlan, to North Cape Damage Assessment Participants, Memorandum on Membership of North Cape Groups, Councils, etc.; 2/12/98

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Other Council-Adopted Reports