

**BEFORE THE ENVIRONMENTAL APPEALS BOARD
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C.**

In re: _____)
)
Upper Blackstone Water)
Pollution Abatement District,)
)
Permit No. MA 0102369)
_____)

NPDES Appeal Nos. 08-11, 08-12,
08-13, 08-14, 08-15, 08-16,
08-17 & 08-18

CERTIFIED INDEX TO THE ADMINISTRATIVE RECORD

I hereby certify that, to the best of my knowledge and belief, the materials identified in the attached list constitute the administrative record for the National Pollutant Discharge Elimination System Permit No. MA0102369 issued by the United State Environmental Protection Agency, Region 1, on August 22, 2008 to the Upper Blackstone Water Pollution Abatement District.



David Pincumbe
Environmental Engineer
U.S. EPA, Region 1

Dated: 12-17-08

Doc	Date	Description	Category	Author	Recipient
1	08/22/2008	Authorization to Discharge Under the National Pollutant Discharge Elimination System	Permit Documents	EPA	Upper Blackstone
2	08/22/2008	Appealing an NPDES Permit	Permit Documents	EPA	Upper Blackstone
3	08/26/2008	Green cards - final permit	Permit Documents	Other	EPA
4	08/22/2008	Transmitted Letters Final Permit 8/2008.	Other	EPA	Upper Blackstone
5	08/22/2008	UBWPAD Response to Comments	Response to Comments	EPA	Public
6	03/23/2007	Fact Sheet supporting Draft Permit Number 0102369 Draft National Pollutant System Permit Number 0102369	Permit Documents	EPA	Public
7	03/23/2007	Draft Permit to Discharge under the National Pollutant Discharge Elimination System.	Permit Documents	EPA	Public
8		Green cards - draft permit (various dates)	Permit Documents	Other	EPA
9	03/23/2007	Transmitted letters Draft Permit to various recipients.	Other	EPA	Various
9.1	03/23/2007	Letter from Roger Janson (U.S. EPA) to Glenn Haas (Mass DEP) transmitting draft permit and requesting state certification	Other	EPA	MassDEP
11	11/08/2005	National Pollution Discharge Elimination Systems Permit Application	Permit Documents	EPA	Upper Blackstone
12	05/09/2007	Sign in Cards for Hearing, and Instructions	Sign in Cards	EPA and MASSDEP	Public
13	03/23/2007	Legal Notices of 2007 Permit: Telegram & Gazette 03/23/2003 Telegram & Gazette 04/30/2007	Legal Notices	EPA	Public
14	03/23/2007	Public Notice EMail Group - MA only	Other	EPA	Public
15		Transmittal and Return of Notice of Final Permit Issuance (various dates)	Permit Documents	Other	EPA
16	05/09/2007	Informational Session Power Point Slides	Public Comments	Other	Other
17	05/09/2007	Informational Session audio recording	Public Comments	Other	Other

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18	05/09/2007	Public Hearing Transcript	Permit Documents	EPA	Quinsigamond Community College Public
19	05/09/2007	Lists of Speakers and Attendees at Public Hearing	Speakers and Non Speakers	Other	EPA
20	05/01/2007	Hearing Exhibits	Other	MassDEP	EPA
21	05/09/2007	List of Public Hearing Speakers	Other	Other	Public
22	05/24/2007	Comments on Draft Permit from Thomas K. Walsh	Public Comments	Upper Blackstone	EPA
23	05/16/2007	Comments on Draft Permit from Ronald Gauvin (Northers RI Chapter Trout Unlimited 737) RE:NPDES No. MA0102369-UBWPAD	Public Comments	Upper Blackstone	MassDEP
24	05/21/2007	Letter From AB Colt (Bays, Rivers and Watersheds Coordination Team) to Bob Varney RE: Nitrogen Limitations Contained in the Draft NPDES for UBWPAD WWTF	Public Comments	Other	EPA
25	05/25/2007	Letter from Harlan Doliner (Pepe and Hazard LLP) to David Pincumbe Re: NPDES Draft permit Comments submitted on behalf of Metso Automation USA	Public Comments	Other	EPA
26	05/15/2007	Letter from Frant Matta (Blackstone River Watershed Council) to Bob Varney (EPA). RE: Comments on Draft NPDES to Discharge to waters of the US	Public Comments	Other	EPA
27	05/09/2007	Letter from Ralph Capalbo (New Methos Plating Co, INC) to EPA Re: UBWPAD	Public Comments	Other	EPA
28	05/23/2007	Letter to David Pincumbe from Richard Kennedy (Worcester Regional Chamber of Commerce)	Public Comments	Other	EPA
29	05/14/2007	Letter from Mark Briggs to David Pincumbe Re: NPDES No. 0102369- Upper Blackstone	Public Comments	Other	EPA

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30	05/21/2007	Letter from Narragansett Bay Estuary Program to David Pincumbe (EPA) Attachments included (Maps and Charts and fish kill report)	Public Comments	Upper Blackstone	EPA
31	05/24/2007	From Lindsay Green (Co Chair -Preserve Bristol) to David Pincumbe (EPA) RE: Upper Blackstone Sewar Plant New EPA Nitrogen/ Phosphorus Limits	Public Comments	Other	EPA
32	05/15/2007	Letter From Stephanie Matheny Re: UBWPAD Renewal of NPDES Permit	Public Comments	Other	EPA
33	05/12/2007	Letter from Ed McKeon (President of Tatnuck Brook Watershed association) to EPA	Public Comments	Other	EPA
34	05/01/2007	Letter from Richard Moore (State Senator Worcester and Norfolk District) Re: Permit No Ma0102369 UBWPAD	Public Comments	Mass Senate	EPA
35	05/09/2007	Testimony : Proposed Permit in UB Treatment Plan from Grace Ross	Public Comments	Other	Public
36	05/18/2007	Letter from James Plasse (BRWA President) to David Pincumbe (EPA) RE: NPDES Ma0102369-Upper Blackstone	Public Comments	Other	EPA
37	05/18/2007	Letter From Edward Sanderson (Blackstone River Valley National Heritage Corridor Commission) to Roger Janson (EPA) RE: NPDES Permit MA0102369 for UBWPAD	Public Comments	Other	EPA
38	05/24/2007	Letter from Donna Williams (President of Blackstone River Coalition) to OEP RE:Npdes permit 0102369 UBWPAD	Public Comments	Other	EPA
39	05/24/2007	Letter from Peter Coffin (BHC coordinator) to OEP (EPA) Re: NPDES Permit NO. MA0102369 UBWPAD	Public Comments	Other	EPA

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40	05/23/2007	Letter from E.Heidi Richhi and Donna Williams (MASS Audubon) to David Pincumbe RE: NPDES MA No0102369 UBWPAD	Public Comments	Other	EPA
41	05/14/2007	Letter from Marci Cole Ekberg and Wendy Waller (Save the Bay) to Pincumbe to RE: NPDES MA No. 0102369 UBWPAD	Public Comments	Other	EPA
42	05/23/2007	Letter from Peter Shelley, John Davenport, Eloise Lawrence (Conservation Law Foundation) to David Pincumbe and Glenn Haas	Public Comments	Other	EPA
43	05/25/2007	Email from Jonathan Borchese (Smart Growth Task Force) to David Pincumbe Re: Blackstone Sewage Plant	Public Comments	Other	EPA
44	05/09/2007	Letter from Glenn Haas (Mass DEP) to Roger Janson re: NPDES Permit for the UBWPAD	Public Comments	MassDEP	EPA
45	05/09/2007	Town of Holden Mass. Opposition for NPDES for UBWPAD	Public Comments	Other	EPA
46	05/11/2007	Letter from Michael V. O'Brien, City Manager (City of Worcester) to David Pincumbe re: Comments on Draft Permit	Public Comments	Other	EPA
47	05/04/2005	Letter from Kevin M. McCormick, Chairman (West Boylston Board of Selectmen) to David Pincumbe re: public comments to NPDES Discharge Permit for UBWPAD	Public Comments	Other	EPA
48	05/22/2007	Letter from Robert L. Moylan, Jr., P.E. (Worcester Department of Public Works and Parks) to David Pincumbe re: Comments on Draft Permit	Public Comments	Other	EPA

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49	05/24/2007	Letter from Philip G. Guerin (Worcester Department of Public Works and Parks) to David Pincumbe re: Comments on Draft Permit UBWPAD NPDES Permit	Public Comments	Other	EPA
50	06/07/2007	Letter from Robert T. Reed, Town Administrator (Town of Leicester) to David Pincumbe re: Comments on Draft NPDES Permit	Public Comments	Other	EPA
51	05/15/2007	Email from David Westcot to Mark A Briggs to David Pincumbe Re: Upper Blackstone Permit	Public Comments	Other	EPA
52	05/16/2007	Commonwealth of Massachusetts Riverways Program to EPA RE: NPDES Permit. Appendix A (Ambient) B (Thomas Stevenson)	Public Comments	MassDEP	EPA
53	05/10/2007	Email to David Pincumbe from Donald Pryor RE: JPWPAD Permit Attachment - Permit Comments	Public Comments	Other	EPA
54	05/18/2007	Letter from Angelo Liberti (RIDEM) to David Pincumbe re: Draft NPDES Permit for UBWPAD WWTF	Public Comments	RIDEM	EPA
55	08/22/2008	Email to Glenn Haas from Stephen Perkins Re: MassDEP certification	Other	EPA	MassDEP
56	10/12/2007	Letter from Upper Blackstone to Karen McGuire and David Pincumbe Re: Request for Meeting concerning Draft Permit	Other	Upper Blackstone	EPA
57	05/23/2007	From: Stephen Perkins To: Thomas K. Walsh. RE: Request for Extension on Public Comment Period	Other	EPA	Upper Blackstone
58	05/18/2007	From: Thomas K. Walsh - UBWPAD, Other To: Roger Janson. RE: Request for Extension to Public Comment Period UBWPAD NPDES Permit Number: MA0102369	Other	Upper Blackstone	EPA

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59	05/02/2007	Letter from Thomas E. Ross, Acting Executive Director (Blackstone River Valley National Heritage Corridor Commission) to David Pincumbe requesting to attend at meeting Request to extend public comment period from Thomas Ross to Roger Janson.	Other	Other	EPA
60	05/01/2007	Request to extend public comment period from Thomas Ross to Roger Janson.	Other	Other	EPA
61	01/31/2007	Letter From Michael Sullivan (RIDEM) to Ken Moraff (USEPA) re: NPDES permits and Narragansett Bay.	Other	RIDEM	EPA
63	01/08/2007	Letter from Ken Moraff (USEPA) to Glen Haas and Alicia Good (RIDEM) re: Nitrogen Limits.	Other	EPA	RIDEM and MassDEP
64	12/04/2006	From Robert Varney, To Blackstone River Coalition	Other	EPA	Other
65	11/14/2006	A letter from the Blackstone River Data Team to Bob Varney. Re: Nutrient Limits for Effluent from Wastewater Treatment Facilities.	Other	Other	EPA
66	02/17/2006	Letter from Olga Vergara (EPA) to Thomas Walsh (UB) Re: Reapplication Permit	Permit Documents	EPA	Upper Blackstone
67	02/16/2006	Fax: To Olga Vegara, From: T.K. Walsh.	Correspondence	Upper Blackstone	EPA
68	06/10/2005	From Olga Vergara To Mr. Thomas K. Walsh. Re: Reapplication Requirements for EPA issued NPDES Permits in Region 1	Other	EPA	Upper Blackstone
69	12/19/2001	2001 Modification	Permit Documents	EPA	Upper Blackstone
70	12/19/2001	Response to Public Comments Modification	Response to Comments	EPA	Public
71	09/13/2001	Proposed Modification to 2001 Permit	Permit Documents	EPA	Public
72	09/13/2001	Statement of Basis in Support of Proposed 2001 Modification	Permit Documents	EPA	Public

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73	09/20/1999	Final Permit 1999 Authorization to Discharge under the National Pollutant Discharge Elimination System	Permit Documents	EPA	Upper Blackstone
74	09/01/1999	Response to Public Comments 1999 Permit	Response to Comments	EPA	Public
75	09/01/1999	Draft Permit 1999 for Upper Blackstone	Permit Documents	EPA	Upper Blackstone
76	12/23/1998	Fact Sheet for Draft 1998 Permit	Permit Documents	EPA	EPA
77	08/08/2001	Settlement Agreement between EPA, MADEP, and UB	Permit Documents	EPA	Upper Blackstone and MassDEP
78	02/26/2002	Administrative Order	Other	EPA	Upper Blackstone
79	10/01/2001	Regional Wastewater Treatment Facilities Plan - Volume 1 of 2	Other	CDM	Upper Blackstone
80	10/01/2001	Regional Wastewater Treatment Facilities Plan - Volume 2 of 2	Other	CDM	Upper Blackstone
81	10/01/2001	Regional Wastewater Treatment Facilities Plan - Executive Summary	Other	CDM	Upper Blackstone
82	05/01/2001	Upper Blackstone Water Pollution Abatement District Regional Wastewater Treatment Facilities Plan - Executive Summary.	Other	CDM	Upper Blackstone
83	05/01/2002	Phase 1 CSO long term control plan report.	Technical and Scientific	CDM	Upper Blackstone
84	02/01/2004	Phase 2 CSO long term control, plan report.	Other	CDM	Upper Blackstone
85	04/01/2005	From TK Walsh To SEW Re: Discharge Permit # MA:0102369 Infiltration/Inflow Annual Report. Attached: Districts fourth annual report.	Other	Upper Blackstone	EPA
86	03/27/2002	From TK Walsh To SEW Re: Discharge Permit # MA:0102369 Infiltration/Inflow Annual Report. Attached: District's First Annual Report	Other	Upper Blackstone	EPA

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87	03/27/2003	From TK Walsh - UBWPAD, To Water Technical Unit SEW. RE: Discharge Permit MA:0102369 Infiltration/Inflow Annual Report. Attached: District's Second Annual Report on 1/1	Other	Upper Blackstone	EPA
88	03/29/2004	From TK Walsh To SEW Re: Discharge Permit # MA:0102369 Infiltration/Inflow Annual Report. Attached: District's fifth annual report.	Other	Upper Blackstone	EPA
89	04/01/2005	From TK Walsh - UPWPAD, To SEW Re: Discharge Permit MA:0102369 Infiltration/inflow: District's Fourth Annual Report. Attached: Enclosure B Reporting Form September 30th 2005	Other	Upper Blackstone	EPA
90	03/29/2006	From: T.K. Walsh, To: Water Technical Unit (SEW) RE: Discharge Permit MA:0102369 Infiltration/Inflow: District's Third Annual Report; Attached: 1. Community 1/1 Management Plan for Auburn MA 2. Infiltration/Inflow Sub-Committee 3. Inclosure B Reports 2005 4. Five year 1/1 EPA DMRs Submitted to EPA by Upper Blackstone 1/04-12/08 and MA DEP Monthly Reports Submitted to EPA by Upper Blackstone 1/04-12/08 UB Effluent Toxicity Data 2005-2007 USEPA NPDES Permit Writers' Manual (USEPA 1996) (EPA-833-B-96-003).	Other	Upper Blackstone	EPA
91	01/01/2004	1998 Update of Ambient Water Quality Criteria for Ammonia (USEPA 1998) (EPA 822-R-98-008).	EPA Guidance	EPA	Public
92	01/01/2005	1999 Update of Ambient Water Quality Criteria for Ammonia (USEPA 1999) (EPA-822-R-99-014).	EPA Guidance	EPA	Public
93	12/01/1996				
94	08/01/1998				
95	12/01/1999				

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96	11/01/2002	National Recommended Water Quality Criteria: 2002 (USEPA 2002) (EPA-822-R-02-047).	EPA Guidance	EPA	Public
97	06/01/1996	The Metals Translator: Guidance For Calculating A Total Recoverable Permit Limit From A Dissolved Criterion (USEPA 1996) (EPA-822-R-02-047).	EPA Guidance	EPA	Public
98	10/01/2001	Nutrient Criteria Technical Guidance Manual (Estuarine and Coastal Marine Waters) (USEPA 2001) (EPA-822-B-01-003).	EPA Guidance	EPA	Public
99	07/01/2000	Nutrient Criteria Technical Guidance Manual - Rivers and Streams (USEPA 2000) (EPA-822-B-00-002).	EPA Guidance	EPA	Public
100	11/14/2001	Development and Adoption of Nutrient Criteria into Water Quality Standards.	EPA Guidance	EPA	Water Dir. Regions I-X
101	09/20/1996	Response to July 1, 1996 letter regarding NPDES permit limits and seasonal flows.	EPA Guidance	EPA	Rochester, NH City Manager
102	01/01/2006	National Recommended Water Quality Data	EPA Guidance	EPA	Public
103	06/01/1998	National Strategy for the Development of Regional Nutrient Criteria June 1998	EPA Guidance	EPA	Not Specified
104	01/01/2001	Rapid Bioassessment Protocols For Use in Streams and Wadeable Rivers: Periphyton, Benthic Macroinvertebrates, and Fish Second Edition	EPA Guidance	EPA	Public
105	09/01/1993	Water Quality Standards Handbook (Second Edition) (September 1993) (EPA-B-93-00).	EPA Guidance	EPA	Public
106	03/01/1995	Interim Economic Guidance for Water Quality Standards (USEPA 1995) (EPA-823-B-95-002).	EPA Guidance	EPA	Public

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107	07/01/1994	Whole Effluent Toxicity (Wet) Control Policy (US EPA 1994) (EPA 833-B-94-002).	EPA Guidance	EPA	Public
108	03/01/1991	Technical Support Document For Water Quality-based Toxics Control (USEPA 1991) (EPA/505/2-90-001).	EPA Guidance	EPA	Not Specified
109	04/01/1986	Quality Criteria for Water 1986 (Gold Book) (US EPA 1986) (EPA 440/5-86-001).	EPA Guidance	EPA	Public
110	12/01/2000	Ambient Water Quality Criteria Recommendations, Information Supporting the Development of State and Tribal Nutrient Criteria, Rivers and Streams in Ecoregion XIV (US EPA 2000) (EPA 822-B-00-022). Rivers and Streams in Nutrient Ecoregion XIV	EPA Guidance	EPA	Public
111	05/12/2000	314 CMR 4.00 Massachusetts Surface Water Quality Standards.	Water Quality Standards	MassDEP	Public
112	01/01/2007	314 CMR 3.00 Division of Water Pollution Control - Massachusetts Surface Water Quality Standards.	Water Quality Standards	MassDEP	Public
113	08/01/2007	Massachusetts Year 2006 Integrated List of Waters - Final Listing of the Condition of Massachusetts' Water Pursuant to Sections 303 (d) and 305(b) of the Clean Water Act, Commonwealth of Massachusetts Executive Office of Energy and Environmental Affairs CN:262.1 (MassDEP 2007).	303(d) Impaired Waters List	MassDEP	Public

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114	03/01/2005	Massachusetts Year 2004 Integrated List of Waters - Final Listing of the Condition of Massachusetts' Water Pursuant to Sections 303 (d) and 305(b) of the Clean Water Act, Commonwealth of Massachusetts Executive Office of Energy and Environmental Affairs (MassDEP 2006).	303(d) Impaired Waters List	MassDEP	Public
115	07/01/2006	Water Quality Regulations, State of Rhode Island and Providence Plantations Department of Environmental Management, Water Resources (RIDEM 2006).	Water Quality Standards	RIDEM	Public
116	02/01/2007	Consolidated Assessment and Listing Methodology for 305(b) and 303(d) Intergrated Water Quality Monitoring and Assessment Reporting, 305(b) 303(d) (RIDEM 2007).	State Guidance or Policy	RIDEM	Public
117	05/01/2005	List of Impaired Waters, Office of Water Resources, Department of Environmental Management, 2004 303(d) List, (RIDEM 2005).	303(d) List	RIDEM	Public
118	11/01/2006	List of Impaired Waters FINAL, Office of Water Resources, Department of Environmental Management, 2006 303(d) List (RIDEM 2006).	303(d) List	RIDEM	Public
119	01/04/2007	EPA approval of Rhode Island WQS	Other	EPA	RIDEM
120	09/19/2007	EPA approval of Massachusetts WQS revisions	Other	EPA	MassDEP
121	06/01/2008	Effective Utility Management: A Primer for Water and Wastewater Utilities	EPA Guidance	EPA	Public
122	04/01/2005	Anthropogenic Nutrient Inputs in Narrangansett Bay: A Twenty Five Year Perspective.	Technical and Scientific	S. Nixon, B. Buckley, S. Granger, et al.	Public
123	01/01/1998	Blackstone River Watershed 1998 Water Quality Assessment	Technical and Scientific	MassDEP	Public

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124	05/01/2005	Blackstone River Watershed 2003 DWM Water Quality Monitoring Data TM-51-10	Technical and Scientific	MassDEP	Public
125	04/04/2006	Blackstone River Watershed 2003 Biological Assessment TM-51-11	Technical and Scientific	MassDEP	Public
126	03/01/2004	Phase I: Water Quality Evaluation and Modeling of the MA Blackstone River Submitted to the Army Corp. of Engineers	Technical and Scientific	University of RI	Army Corps of Engineers
127	05/01/2001	Blackstone River Initiative Water Quality Analysis from EPA New England	Technical and Scientific	BRI	Public
128	09/11/1998	SAB Report: Evaluation of the Blackstone River Initiative	EPA Guidance	Ecological Processes and Effects Committee EPA	EPA
129	02/04/1999	Response to the SAB Evaluation of the Blackstone River Initiative (with attachment).	Technical and Scientific	EPA	EPA and SAB Ecological Committee
130	11/01/1997	Blackstone River Watershed Dissolved Oxygen Wasteload Allocation for Massachusetts and Rhode Island (November 1997)	Technical and Scientific	RIDEM/USEPA	Public
131	10/27/2004	Smart Data	Technical and Scientific	MassDEP	EPA
132	07/01/2007	Massachusetts Water Resources Authority 2006 Annual Fish and Shellfish Report	Technical and Scientific	Other	Public
133	01/01/2008	Empact Data (www.narrabay.com/empact/main.asp Including Water Quality Sensor Data for Phillipsdale.	Technical and Scientific	EMPACT Project	Public
134	04/27/2006	Technical Memorandum: Blackstone River Watershed 2003: Fish Population Monitoring and Assessment	Technical and Scientific	MassDEP	Public
135	07/21/2003	Massachusetts Estuaries Project: Site Specific Nitrogen Thresholds for Southeastern Massachusetts Embayments: Critical Indicators (Interim report).	Technical and Scientific	MassDEP	MassDEP

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136	03/03/2004	Nutrient and Bacteria Pollution Panel Initial Report, Governor's Narragansett Bay and Watershed Planning Commission (2004).	Technical and Scientific	Gov's Narr. Bay and Watershed Plan Comm.	Public
137	02/01/2005	Plan for Managing Nutrient Loadings to Rhode Island Waters.	Technical and Scientific	RIDEM	Public
138	03/01/2000	Final Report Evaluation of the Water Quality Analysis Simulation Program Version 5 (WASP 5) Model using Mesocosm Data.	Technical and Scientific	Aimee A. Keller, Candace Oviatt	EPA
139	12/01/2004	Evaluation of Nitrogen Targets in WWTF Load Reductions for the Providence and Seekonk Rivers.	Technical and Scientific	RIDEM	Public
140	11/15/2006	Fax: from RIDEM to David Pincumbe; Water Quality for Blackstone River, June 2006	Technical and Scientific	RIDEM	EPA
141	01/12/2007	Email from Alice Rojko (MassDEP) to Angelo Liberti (RIDEM), Beverly O'Keefe, Chris Hatfield re: MassDEP Blackstone Documents on water quality, macroinvertebrate and fish population sampling (with attachments) Attachment - Technical Memorandum DOC 132 133 134.	Technical and Scientific	MassDEP	RIDEM
142	12/01/2004	Summary of analysis in Evaluation of Nitrogen Targets and WWTF Load Reductions for the Providence and Seekonk Rivers	Technical and Scientific	RIDEM	EPA
143	09/06/2007	Fax from Joe Haberek, from RIDEM to David Pincumbe, EPA. RE: Fields point outfall	Technical and Scientific	RIDEM	EPA
144	05/28/2008	Narragansett Bay Commission 2007 Data Report.	Technical and Scientific	Environmental Monitoring and Data Analysis	Public
145	07/01/2005	State of Science on Nutrients in Narragansett Bay: Findings and Recommendations from the Rhode Island Sea Grant 2004 Science Symposium.	Technical and Scientific	Rhode Island Sea Grant	Public

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146	09/12/1991	Control of Nutrient Inputs to Narragansett Bay Breifing Paper.	Technical and Scientific	Clayton Penniman, Caroline Karp et al.	Public
147	06/18/2008	Riffles vs. Reservoirs - Nutrient Criteria and Downstream Effects.	Technical and Scientific	EPA	Public
148	01/01/1998	Wat. Res. Vol. 32, No.5. 1455-1462. Suggested Classification of Stream trophic state: Distributions of Temperate Stream Types by Chlorophyll, Total Nitrogen and Phosphorus.	Technical and Scientific	Walter K. Dodds and E. Welch, John Jones	Public
149	01/01/1997	Water Resources, Vol 31 No.7. 1738-1750. Developing Nutrient Targets to Control Benthic Chlorophyll Levels in Streams: A Case Study of the Clark Fork River.	Technical and Scientific	W.K. Dodds, V.H. Smith, B. Zanders	Public
150	04/01/1994	Dana R. Kester et al.: Modeling, Measurements, and Satellite Remote Sensing of Biologically Active Constituents in Coastal Waters.	Technical and Scientific	Dana Kester, Mary Fox, Andrea Magnuson	Public
151	01/01/2006	Northeastern Naturalist, 13 (Special Issue 4): 173-198, Natural and Anthropogenic Influences on the Mount Hope Bay Ecosystem, Hypoxia in the Upper Half of Narragansett Bay, RI, During August 2001 and 2002.	Technical and Scientific	Christopher F. Deacutis, David Murray	Public
152	02/01/2007	Estuaries and Coasts, Vol. 30 No. 1. 47-53. Hypoxic Events in Narragansett Bay RI during the Summer of 2001.	Technical and Scientific	D.C. Melrose, C.A. Oviatt, Mark Berman	Public
153	01/09/1986	Candace A. Oviatt et al.: Patterns of productivity during eutrophication: a mesocosm experiment.	Technical and Scientific	C.A. Oviatt, A.A. Keller, P. Sampo, L. Beatty	Public

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154	12/01/1993	Asselin, S. and Spaulding M.L., Flushing Times for the Providence River Based on Tracer Experiments, Estuaries, Vol 16, No. 4, p 830-839, December 1993.	Technical and Scientific	Other	Public
155	12/05/2005	From Lucinda Hannus - RIDEM, To Dave Pincumbe - EPA. RE: Blackstone River Water Quality 2005 Project Status Report. Attached is Blackstone River Water Quality Status Report, December 2005	Other	RIDEM	EPA
156	08/06/1992	Providence and Seekonk Rivers and Upper Narragansett Bay eutrophication screening analysis by Limno Tech, Inc.	Technical and Scientific	LTI, Limno-Tech, Inc.	Narragansett Bay Project
157	01/01/2007	Nitrogen loading from waste water treatment plants to Upper Narragansett Bay.	Technical and Scientific	Donald Pryor, Emily Saarman et al.	Public
158	07/14/2006	Email from Chris Deacutis (Narragansett Bay Estuary) to Angelo Liberti (RIDEM), forwarded to David Pincumbe (USEPA) re D.O. Survey and D.O. impairment maps.	Technical and Scientific	RIDEM	EPA
159	01/05/2005	Email From Angelo Liberti (RIDEM) to Stephen Silva (USEPA), Dennis Dun (MASS) cc: David Pincumbe (USEPA) and David Turin (USEPA) re nitrogen permit modifications (with attachments).	Other	RIDEM	EPA
160	01/28/2005	Email from Angelo Liberti (RIDEM) to Other David Pincumbe (USEPA) re: WWTF Cost Estimates and Nitrogen Reduction and attaching email between Angelo Liberti (RIDEM) and Tom Brueckner.	Other	RIDEM	EPA
161	02/14/2005	Email from Angelo Liberti (RIDEM) to Other David Pincumbe (USEPA) attaching MassDEP comments on RI permits.	Other	RIDEM	EPA

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162	02/22/2005	Email from Angelo Liberti (RIDEM) to Other David Pincumbe (USEPA) re: NBC CSO's and Nutrients.	Other	RIDEM	EPA
163	02/25/2005	Email from Angelo Liberti (RIDEM) to Other David Pincumbe (USEPA) re: NBC comments on draft nitrogen limits.	Other	RIDEM	EPA
164	06/28/2005	Email from Angelo Liberti (RIDEM) to Other Dennis Dunn (MassDEP) re: Nitrogen Permit Modifications.	Other	RIDEM	MassDEP
165	07/14/2005	Email from Angelo Liberti (RIDEM) to Technical and Scientific David Pincumbe (USEPA) re: Providence/Seekonk Modeling Efforts Passage from Response to Comments Regarding Modeling History.	Technical and Scientific	RIDEM	EPA
166	07/29/2005	Email from David Pincumbe (USEPA) to Angelo Liberti (RIDEM) et al re: Blackstone Phosphorus and Algae issues.	Technical and Scientific	EPA	RIDEM
167	02/02/2006	Email from Christopher Deacutis (Narragansett Bay Estuary Program) to David Pincumbe (EPA) dated 2/02/2006 re Blackstone/Seekonk Kill (Fish Kill Investigation Report and Pictures).	Technical and Scientific	RIDEM	EPA
168	02/02/2006	Email From Angelo Liberti (RIDEM) to David Pincumbe (USEPA) attaching email from Sue Kiernan to Angelo Liberti (RIDEM) re: fishkills in Providence River.	Other	RIDEM	EPA
169	07/14/2006	Email from Chris Deacutis (Narragansett Bay Estuary Program) to Angelo Liberti, forwarded to David Pincumbe (USEPA) re: Greenwich Bay dead brood stock at BudLong Farm.	Technical and Scientific	Other	EPA

Doc	Date	Description	Category	Author	Recipient
170	02/02/2006	Email from Christopher Deacutis (Narragansett Bay Estuary Program) to Dave Pincumbe (USEPA) re Fish Kill Report with Provisional Data (Figures and photos attached). Email from Aneglo S. Liberti (RIDEM) to David Pincumbe (USEPA) re MA WWTF nitrogen limits (Attachment - Final Nitrogen Attenuation Factors and PPA Excerpt).	Technical and Scientific	RIDEM	EPA
171	02/13/2006		Technical and Scientific	RIDEM	EPA
172	10/18/2006	Email from Donald Pryor (Brown University) to David Pincumbe (USEPA) re: Attleboro, N. Attleboro. Email From Angelo Liberti (RIDEM) to David Pincumbe (USEPA) re Attleboro, N Attleboro (attaching Marine Chemistry 53 (1996) 131-145, Modeling, measurements, and satellite remote sensing of biologically active constituents in coastal waters, by D. Kester, M. Fox and A. Magnuson).	Other	Donald Pryor	EPA
173	10/18/2006		Technical and Scientific	RIDEM	EPA
174	10/19/2006	Email from Angelo Liberti (RIDEM) to David Pincumbe (USEPA) re: MERL TANK DATA.	Technical and Scientific	RIDEM	EPA
175	10/19/2006	Email from Angelo Liberti (RIDEM) to David Pincumbe re: MERL Tank Data.	Technical and Scientific	RIDEM	EPA
176	03/12/2007	Email from Angelo Liberti (RIDEM) to David Pincumbe (USEPA) re Blackstone 95-96 WWTF Loadings (Attached - Evaluation of MA Proposal with Blackstone).	Technical and Scientific	Other	Other
177	03/13/2008	Email From Angelo Liberti (RIDEM) to Brian Pitt (USEPA) re: WWTF Load Impacts on Enrichment Levels.	Technical and Scientific	RIDEM	EPA

Doc	Date	Description	Category	Author	Recipient
178	04/03/2008	Email from Angelo Liberti (RIDEM) to Brian Pitt (USEPA) re: Oviatt Keller paper.	Technical and Scientific	RIDEM	EPA
179	05/22/2008	Letter from Angelo Liberti (RIDEM) to Brian Pitt (USEPA) re:nitrogen issues.	Technical and Scientific	RIDEM	EPA
180	06/06/2008	Email from Angelo Liberti (RIDEM) to Brian Pitt (USEPA) re: Fixed-site Network (with attachments).	Technical and Scientific	RIDEM	EPA
181	06/09/2008	Attleboro Water Pollution Control Facility 2008 NPDES Permit	Permit Documents	EPA	Other
182	01/01/2008	Massachusetts Certification of Attleboro 2008 NPDES permit	Permit Documents	MassDEP	EPA
183	01/01/2007	North Attleboro NPDES Permit	Permit Documents	EPA	Other
184	01/01/2007	Massachusetts Certification of North Attleboro NPDES permit	Permit Documents	MassDEP	EPA
185	06/27/2005	Woonsocket RIPDES Permit	Permit Documents	RIDEM	Other
186	08/15/2008	Draft RIPDES Permits for City of Woonsocket, RI. Public Notice # PN08-07	Permit Documents	RIDEM	Public
187	06/25/2008	State of Rhode Island and Providence Plantations, Dept. Environmental Management, Office of Water Resources. Consent Agreement between DEM and Woonsocket	Other	RIDEM	Other
188	06/27/2005	Bucklin Point RIPDES Permit Modification	Permit Documents	RIDEM	Other
189	06/16/2006	Consent Agreement between the State of Rhode Island and NBC for Bucklin Point.	Permit Documents	RIDEM	Not Specified
190	06/27/2005	Fields Point RIPDES Permit Modification	Permit Documents	RIDEM	Other
191	06/16/2006	State of RI and Providence Plantations. Department of Environmental Management. Office of Water Resources. Consent Agreement between DEM and NBC for Fields Point.	Other	RIDEM	NBC

Doc	Date	Description	Category	Author	Recipient
192	06/27/2005	Total Nitrogen Permit Modifications Response to Comments.	Response to Comments	RIDEM	Public
193	02/11/2005	Comments on RIDEM Total Nitrogen Permit Modifications and Documents in Support of Permit Limits including, "Evaluation of Nitrogen Targets and WWTF Load Reductions for the Providence and Seekonk Rivers".	Public Comments	MassDEP	RIDEM
194	05/11/2005	Authorization to discharge under the National Pollutant Discharge Elimination System. City of Brockton MA0101427 City of Newburyport from Linda Murphy OEP	Permit Documents	EPA	Brockton
195	05/07/2004	News Release - DEM approves plans for Narragansett Bay Commission's Combined Sewer Overflow Project	Permit Documents	EPA	Other
196	05/11/2001	The Long Island Sound Study 2009 Monitoring Assessment and Research Needs to Support Attainment of LISS Goals and Targets	Other	RIDEM	Public
197	08/01/2008	Assabet River Total Maximum Daily Load for Phosphorous	Technical and Scientific	Long Island Sound Study	Public
198		DMRs (2006-2007) for Town of Plymouth NPDES Permit No. MA 0100587	Technical and Scientific	MassDEP	Public
199		DMRs (1990-2007) Westfield WPCP NPDES Permit No. MA 0101800	Technical and Scientific	Other	EPA
200		DMRs (1999-2008) Greenfield WPCP NPDES Permit MA No. 0101214	Technical and Scientific	Other	EPA
201		DMRs (various) Haverhill, NPDES Permit MA No. 0101621	Technical and Scientific	Other	EPA
202		Seekonk Reach Loads Spreadsheet Table 1 - Nutrient and algal biomass criteria limits recommended to prevent nuisance conditions and water quality degradation in streams	EPA Guidance	EPA	Public
203			EPA Guidance	EPA	EPA
204	07/01/2000				

Doc	Date	Description	Category	Author	Recipient
205	01/01/2006	Table 2 - Examples of Numeric Criteria and Guidelines for Total Phosphorous in the U.S.	EPA Guidance	Other	Public
206	06/30/2008	Wastewater Treatment and the Upper Narragansett Watershed.	Technical and Scientific	Other	Other
207	01/01/2008	Tighe and Bond Estimates for Massachusetts, 2004 and 2006	Water and Sewer Rate Surveys	Tighe and Bond	Public
208	05/02/2006	Hand-written permit writer notes and handdrawn map re: MA and RI facilities nitrogen data .	Technical and Scientific	EPA	Not Specified
209	10/24/2007	Map of Blackstone River and Surrounding Watersheds Depicting EJ Status	Other	EPA	Not Specified
210	07/24/1968	Act establishing UBWPAD	Other	Other	Public
211	02/11/1994	Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations.	Other	Other	Other
212	12/16/2005	EPA New England Environmental Justice Action Plan for Fiscal Years 2006 and 2007	EPA Guidance	EPA	EPA
213	10/01/2001	EPA New England Regional Policy on Environmental Justice	EPA Guidance	EPA	EPA