

**EXHIBIT \_\_ -  
CHARLES RIVER MONITORING DATA  
SUBMITTED BY MIRANT**

<b>EPA Doc. #</b>	<b>TYPE</b>	<b>DATE</b>	<b>SUBJECT</b>	<b>AUTHOR</b>	<b>RECIPIENT</b>
295	Report	1/1/01	Biodegradation in the Charles River	Mirant	Agencies
323	Letter	1/14/01	Eutrophication Monitoring in Charles River	Cowden, Norm, Mirant	Michael Hill - EPA
217	Document	2/1/01	Mirant Kendall Repowering Project--Intake Barrier Net Operations and Maintenance	Mirant	
458	Report	4/14/01	Supplemental surface water modeling report in support of Kendall Station NPDES Permitting. Prepared by TRC for Mirant Kendall, L.L.C.	TRC for Mirant	
452	Letter	5/11/01	Mirant Kendall Propose Thermal Limits	Cowden, Norm, Mirant	Agencies
432	Email	5/23/01	Tracking update	Scherer, M., MRI	Agencies
270	Letter	9/13/01	Requests for Info.--Thermal Modeling, River Temp. Compliance, Intake Barrier Net, Water Quality and Biological Monitoring	Cowden, Norm, Mirant	Michael Hill - EPA
289	Letter	9/14/01	Requested Eutrophication Modeling Analysis	Cowden, Norm, Mirant	Michael Hill - EPA
457	Report	9/14/01	Water Quality Model to Study Algal Dynamics in Charles River	TRC	
292	Memo	9/28/01	Charles River Sonic Tracking (Handed out at 11/8/01 Meeting)	Scherer, M., MRI	
297	Letter	10/24/01	Consideration of the Eutrophication Model	Cowden, Norm, Mirant	Michael Hill - EPA
439	Letter	10/29/01	Proposed Temperature Limits--Historical Data	Cowden, Norm - Mirant	Michael Hill - EPA
298	Letter	10/31/01	Spring Thermal Limits	Norm Cowden (Mirant)	Michael Hill (EPA)
265	Letter	11/6/01	River Volumes	Cowden, Norm, Mirant	Michael Hill - EPA
299	Letter	11/6/01	Chill Period Limits for Yellow Perch	Norm Cowden - Mirant	Michael Hill - EPA
264	Letter	11/7/01	Fractional Loss and Intake Temps.	Cowden, Norm, Mirant	Michael Hill - EPA
303	Letter	11/16/01	Winter Chill Period	Cowden, Norm, Mirant	Michael Hill - EPA
110	Data - Table	11/26/01	Charles River Hydrographic Data for 2001 (Charles River Old Channel Station and MIT Station)	Mirant	EPA
114	Memo	11/26/01	Charles River Sonic Tracking of Blueback Herring--May-July 2001	Scherer, M., MRI	Agencies
115	Data - Graph	11/27/01	Comparison Between Charlestown Damn and Boston Harbor Temps.--6/99-10/99 (from 2/01 application)	Mirant	Agencies
116	Data - Graph	11/27/01	Maximum Daily Kendall Station Intake Temps.--1992-2001 (from 2/01 application)	Mirant	Agencies
311	Letter	12/21/01	Alewife Temp. Limits--Timing and Mirant's Proposal	Cowden, Norm, Mirant	Michael Hill - EPA
549	Data	1/1/02	MKS Operations Data, Unpublished	Mirant	Agencies
463	Memo	1/10/02	Charles river sonic tracking--yellow perch	Scherer, M., MRI	
314	Letter	1/16/02	Mirant Response to the EPA 12/21/01 Comment Letter	Cowden, Norm, Mirant	Michael Hill - EPA
316	Letter	2/8/02	Alewife Temp. Limits--Response to MA DMF Info.	Cowden, Norm, Mirant	Michael Hill - EPA
196	Meeting Handouts	2/20/02	Temp. and Salinity Data--8/99-9/99 at MOS Lock and Station MP-7--Handed out at 2/20/02 Meeting	Mirant	EPA
197	Meeting Handouts	2/20/02	In-Zone Transect Map and Cross-Sectional View, and 1992-2001 Kendall Intake Temp. Graphs--Handed out at 2/20/02 Meeting	Mirant	EPA
319	Letter	2/26/02	May 27, 1995 Fish Kill	Cowden, Norm, Mirant	Michael Hill - EPA
31	Email	3/8/02	Re: Historic Heatloads	Cooper, Charles, TRC	Michael Hill - EPA, Norm Cowden - Mirant

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444	Letter	5/1/02	Supplemental Summary of Project-related changes in Charles River Ichthyoplankton Populations (Fractional Loss/Gain)	Cowden, Norm - Mirant	Michael Hill - EPA
456	Report	5/1/02	Final Environmental Impact Report (EOEA No. 11754), Kendall Square Station Equipment Upgrade Project, Cambridge, MA, Volume I. Prepared by TRC for Southern Energy.	TRC for Southern Energy	
258	Letter	5/3/02	Additional Data Regarding Alewife Thermal Limits--Depth Distribution and Relative Abundance from 1998 and 1999	Cowden, Norm, Mirant	Michael Hill - EPA
257	Letter	5/14/02	Additional Data Regarding Alewife Thermal Limits--Location and Temp. Conditions Associated with Gill Net Results	Cowden, Norm, Mirant	Michael Hill - EPA
255	Letter	5/20/02	Additional Data Regarding Thermal Limits	Cowden, Norm, Mirant	Michael Hill - EPA
254	Letter	5/31/02	Requested Data Regarding Herring	Cowden, Norm, Mirant	Michael Hill - EPA
87	Data - Graph	6/1/02	Merrimack River Herring Runs 1983-2001 Data (# of Herring and Degree F)		
203	Meeting Handouts	6/1/02	Kendall Repowering Project--Joing EPA/DEP NPDES Discussion	Mirant	Agencies
155	Meeting Handouts	7/18/02	Data from 7/18/02 Eutrophication Meeting with Mirant Kendall	Mirant	
39	Data - Table, Graph	9/25/02	1999 and 2000 Kendall Impingement Data by Species	Mirant	George Papadopoulos - EPA
249	Letter	9/25/02	Requested Info. for Kendall Permit--Intake Temps., River Temps., and Heat Load Info.	Cowden, Norm, Mirant	John Nagle - EPA
404	Data - Table	9/30/02	Unpublished Kendall Square Station thermal load data for June 1 through Sept. 30, 1998-2002.	Mirant	
246	Letter	10/23/02	Summer 2002 Data and Potential Permit Conditions to Address--Aesthetic/Eutrophication Issues	Cowden, Norm, Mirant	Mark Voorhees - EPA
244	Letter	11/5/02	Depth Distribution Information for Kendall NPDES Permit	Cowden, Norm, Mirant	John Nagle - EPA
447	Letter	11/13/02	Summer 2002 Data	Cowden, Norm, Mirant	Mark Voorhees - EPA
448	Memo	11/13/02	Charles River Eutrophication Sampling (Attachment to Doc. # 447)	Scherer, M., MRI	Norm Cowden - Mirant
224	data	12/1/02	Internal Data Analysis of MKS Intake Temperatures, May 1-14, 2002	Mirant	John Nagle, EPA
229	data	12/1/02	Internal Data Analysis of MKS Intake Temperatures, May 23-31, 2002	Mirant	John Nagle, EPA
240	Letter	12/23/02	Charles River Data Collected by Mirant (prepared by Mike Scherer - MRI)	Cooper, Charles, TRC	Mark Voorhees - EPA
241	Letter	12/23/02	NPDES Renewal Permit and 316(a) Variance Request for Kendall--Mirant's Issues as of 12/23/02	Reynolds, J.P., Mirant	David Webster - EPA
214	data	12/30/02	MKS Heat Load from Logbook data - summer 2000-2002	Mirant	John Nagle, EPA

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449	Letter	1/9/03	NPDES Renewal Permit and 316(a) Variance Request for Mirant Kendall Station, Cambridge, MA - Mirant "Delta T" Proposal	John Reynolds (Mirant)	John Nagle (EPA)
237	Letter	2/10/03	NPDES Renewal Permit and 316(a) Variance Request-- Further Info. Regarding Protective In-Stream Temps.	Reynolds, J.P., Mirant	David Webster - EPA
68	Data - Table	3/10/03	Lower Charles Ambient Temp. and Flow Summary June-Sept. 1994-2002		
235	Letter	6/13/03	Mirant Kendall NPDES Renewal Permit MDC Aerator Data	Reynolds, J.P., Mirant	David Webster - EPA
489	Letter	7/28/03	NPDES Permit and Variance Request	Reynolds, J.P., Mirant	David Webster, EPA
482	E-mail	8/19/03	Response to 7/23/03 EPA's E-mail Request for Clarification	Reynolds, J.P., Mirant	George Papadopoulos, EPA
483	E-mail	9/2/03	August 2003 Charles River Vertical Profiles	Cooper, Charles, TRC	John Nagle, EPA
472	Report	9/17/03	Mirant's Response to Agencies' RFI on Thermal Issues	Reynolds, J.P., Mirant	Webster, Weinberg
262	data	11/13/03	Charles River gillnet data	Mirant	John Nagle, EPA
470	Report	11/13/03	Transmittal of Additional Field Data (2003 data)	Cooper, Charles, TRC	Webster, Weinberg
469	E-mail	12/12/03	Mirant Kendall follow-up items (2003 data)	Konary, Shawn, Mirant	Webster(EPA), Weinberg(DEP)
467	Letter	12/17/03	Eutrophication Data and Diffuser Proposal	Konary, Shawn, Mirant	Webster(EPA), Weinberg(DEP)
550	Data	1/1/04	MKS Supplemental Field Data for 2002 and 2003; Biological and hydrologic sampling data for 2002, 2003 and 2004.	Mirant	Agencies
596	data	1/1/05	2005 algal data	Mirant	Voorhees, M. EPA
557	Letter/Field Data	8/30/05	Transmittal of 2004 and 2005 Field Data	Konary, Shawn, Mirant	EPA/MassDEP
559	Letter	12/28/05	Charles River Eutrophication TMDL Modeling Comments	Konary, Shawn, Mirant	Mark Voorhees, EPA
589	letter	12/28/05	Eutrophication TMDL Modeling Comments	Konary, Shawn, Mirant	Voorhees, M. EPA
560	Letter/Field Data	4/5/06	Transmittal of 2005 Field Data	Sellars, Fred, TRC	Shawn Konary, Mirant