



GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

October 9, 2008

Mr. Dean Tagliaferro
U.S. Environmental Protection Agency
Region I – New England
10 Lyman Street, Suite 2
Pittsfield, MA 01201

Mr. Michael J. Gorski
Regional Director
Western Regional Office
Department of Environmental Protection
436 Dwight Street
Springfield, MA 01103

**Re: GE-Pittsfield/Housatonic River Site
Monthly Status Report Pursuant to Consent Decree for September 2008 (GEC900)**

Dear Mr. Tagliaferro and Mr. Gorski:

Enclosed are copies of General Electric's (GE's) monthly progress report for September 2008 activities conducted by GE at the GE-Pittsfield/Housatonic River Site. This monthly report is submitted pursuant to Paragraph 67 of the Consent Decree (CD) for this Site, which was entered by the U.S. District Court on October 27, 2000.

The enclosed monthly report includes not only the activities conducted by GE under the CD, but also other activities conducted by GE at the GE-Pittsfield/Housatonic River Site (as defined in the CD). The report is formatted to apply to the various areas of the Site as defined in the CD, and to provide for each area, the information specified in Paragraph 67 of the CD. The activities conducted specifically pursuant to or in connection with the CD are marked with an asterisk. GE is submitting a separate monthly report to the Massachusetts Department of Environmental Protection (MDEP), with a copy to the United States Environmental Protection Agency (EPA), describing the activities conducted by GE at properties outside the CD Site pursuant to GE's November 2000 Administrative Consent Order from MDEP.

The enclosed monthly report includes, where applicable, tables that list the samples collected during the subject month, summarize the analytical results received during that month from sampling or other testing activities, and summarize other groundwater monitoring and oil recovery information obtained during that month. Also, enclosed for each of you (and for Weston) is a CD-ROM that contains these same tables of the analytical data and monitoring information in electronic form.

Please call Andrew Silfer or me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Richard W. Gates".

Richard W. Gates
Remediation Project Manager

Enclosure

G:\GE\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2008\9-08 CD Monthly\Letter.doc

cc: Richard W. Hull, EPA
Richard Fisher, EPA
Robert Cianciarulo, EPA (cover letter only)
Tim Conway, EPA (cover letter only)
Rose Howell, EPA (cover letter and CD-ROM of report)
Holly Inglis, EPA (hard copy and CD-ROM of report)
Susan Svirsky, EPA (Items 7, 15, and 20 only)
K.C. Mitkevicius, USACE (CD-ROM of report)
Susan Steenstrup, MDEP
Jane Rothchild, MDEP (cover letter only)
Anna Symington, MDEP (cover letter only)
Nancy E. Harper, MA AG
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Field Supervisor, US FWS, DOI
Kenneth Finkelstein, Ph.D., NOAA (Items 13, 14, and 15 only)
Dale Young, MA EOE
Mayor James Ruberto, City of Pittsfield
Thomas Hickey, Director, Pittsfield Economic Development Authority
Linda Palmieri, Weston
Richard Nasman, P.E., Berkshire Gas (CD-ROM of report)
Michael Carroll GE (CD-ROM of report)
Andrew Silfer, GE (cover letter only)
Rod McLaren, GE (CD-ROM of report)
James Nuss, ARCADIS
James Bieke, Goodwin Procter
Jim Rhea, QEA (narrative only)
Teresa Bowers, Gradient
Public Information Repositories (1 hard copy, 5 copies of CD-ROM)
GE Internal Repository (1 hard copy)

(w/o separate CD-ROM, except where noted)

September 2008

**MONTHLY STATUS REPORT
PURSUANT TO CONSENT DECREE
FOR
GE-PITTSFIELD/HOUSATONIC RIVER
SITE**

GENERAL ELECTRIC COMPANY



PITTSFIELD, MASSACHUSETTS

Background

The General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and other governmental entities have entered into a Consent Decree (CD) for the GE-Pittsfield/Housatonic River Site, which was entered by the U.S. Court on October 27, 2000. In accordance with Paragraph 67 of the CD, GE is submitting this monthly report, prepared on GE's behalf by ARCADIS (formerly Blasland, Bouck & Lee, Inc.), which summarizes the status of activities conducted by GE at the GE-Pittsfield/Housatonic River Site ("Site") (as defined in the CD).

This report covers activities in the areas listed below (as defined in the CD and/or the accompanying Statement of Work for Removal Actions Outside the River [SOW]). Only those areas that have had work activities for the month subject to reporting are included. The specific activities conducted pursuant to or in connection with the CD are noted with an asterisk.

General Activities (GECD900)

GE Plant Area (non-groundwater)

1. 20s, 30s, 40s Complexes (GECD120)
2. East Street Area 2 – South (GECD150)
3. East Street Area 2 – North (GECD140)
4. East Street Area 1 – North (GECD130)
5. Hill 78 and Building 71 Consolidation Areas (GECD210/220)
6. Hill 78 Area – Remainder (GECD160)
7. Unkamet Brook Area (GECD170)

Former Oxbow Areas (non-groundwater)

8. Former Oxbow Areas A & C (GECD410)
9. Lyman Street Area (GECD430)
10. Newell Street Area I (GECD440)
11. Newell Street Area II (GECD450)
12. Former Oxbow Areas J & K (GECD420)

Housatonic River

13. Upper ½-Mile Reach (GECD800)
14. 1½-Mile Reach (only for activities, if any, conducted by GE) (GECD820)
15. Rest of the River (GECD850)

Housatonic River Floodplain

16. Current Residential Properties Adjacent to 1½-Mile Reach (Actual/Potential Lawns) (GECD710)
17. Non-Residential Properties Adjacent to 1½-Mile Reach (excluding banks) (GECD720)
18. Current Residential Properties Downstream of Confluence (Actual/Potential Lawns) (GECD730)

Other Areas

19. Allendale School Property (GECD500)
20. Silver Lake Area (GECD600)

Groundwater Management Areas (GMAs)

21. Plant Site 1 (GECD310)
22. Former Oxbows J & K (GECD320)
23. Plant Site 2 (GECD330)
24. Plant Site 3 (GECD340)
25. Former Oxbows A&C (GECD350)

**GENERAL ACTIVITIES
GE-PITTSFIELD/HOUSATONIC RIVER SITE
(GEC900)
SEPTEMBER 2008**

a. Activities Undertaken/Completed

- Continued GE-EPA electronic data exchanges for the Housatonic River Watershed and Areas Outside the River.*
- Continued discussions and communications with EPA regarding flood storage compensation issues.*
- Attended Citizens Coordinating Council (CCC) meeting (September 17, 2008).

b. Sampling/Test Results Received

- Sample results were received for routine sampling conducted pursuant to GE's NPDES Permit for the GE facility. Sampling records and results are provided in Attachment A to this report.
- The *NPDES Biomonitoring Report for August 2008*, prepared by Columbia Analytical Services, Inc. (CAS) and attached to the August 2008 monthly status report, incorrectly noted the type of sampling conducted for the event. The acute sampling was a wet weather event, not a dry weather event as originally noted.
- NPDES Discharge Monitoring Reports (DMRs) for the period of August 1 through August 31, 2008, are provided in Attachment B to this report.
- GE received a report from CAS titled *NPDES Biomonitoring Report for September 2008*, which included analytical results for samples collected for NPDES-related whole effluent toxicity testing, as well as an attached report from Aquatec Biological Sciences providing the results of the whole effluent toxicity testing performed in September 2008. A copy of this document is provided in Attachment C.
- GE received a report from CAS titled *NPDES Chronic Biomonitoring Report for September 2008*, which included analytical results for samples collected for NPDES-related chronic whole effluent testing, as well as an attached report from Aquatec Biological Sciences providing the results of the chronic whole effluent toxicity testing performed in September 2008. A copy of that report is provided in Attachment D.

c. Work Plans/Reports/Documents Submitted

None

**GENERAL ACTIVITIES
GE-PITTSFIELD/HOUSATONIC RIVER SITE
(GEC900)
SEPTEMBER 2008**

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue NPDES sampling and monitoring activities.
- Attend public and CCC meetings, as appropriate.
- Continue discussions and communications with EPA regarding flood storage compensation issues.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Issues relating to flood storage compensation are under discussion with EPA.*

f. Proposed/Approved Work Plan Modifications

None

**ITEM 1
PLANT AREA
20s, 30s, 40s COMPLEXES
(GEC120)
SEPTEMBER 2008**

a. Activities Undertaken/Completed

Continued review of additional drawing revisions received from the Pittsfield Economic Development Authority (PEDA) on August 20 and 28, 2008, relating to the planned utility lines to be installed by PEDA at the former 20s and 30s Complexes and the adjacent portion of Woodlawn Avenue. Additional sampling will be required to accommodate utility layout changes proposed by PEDA.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

- Submitted reports summarizing the annual inspections conducted at the former 20s and 30s Complexes on August 28, 2008 to assess compliance with the Grants of Environmental Restrictions and Easements (EREs) for those areas (September 15, 2008).*
- Submitted report summarizing the inspection of the vegetative cover over the crushed material stockpile in the 40s Complex conducted on August 28, 2008 (September 15, 2008).*

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Develop supplementary soil sampling plans on PEDA's behalf in the vicinity of the planned utility lines to be installed by PEDA at the former 20s and 30s Complexes and the adjacent portion of Woodlawn Avenue (based on the revised layouts of those lines); and conduct such sampling.
- Following completion of the above-referenced sampling, revise the reports on the soil sampling conducted on PEDA's behalf in the vicinity of the planned utility lines to incorporate the results of the additional sampling.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- GE is awaiting EPA's comments on GE's December 21, 2006 proposal for the remaining at-grade concrete slabs of former Buildings 42, 43/43A, and 44, which also addressed certain issues relative to the final restoration of previously placed crushed demolition debris.*

**ITEM 1
(cont'd)
PLANT AREA
20s, 30s, 40s COMPLEXES
(GEC120)
SEPTEMBER 2008**

e. General Progress/Unresolved Issues/Potential Schedule Impacts (cont'd)

- GE is awaiting EPA's comments on GE's January 25, 2007 draft letter which proposed, at PEDA's request, additional soil sampling within the 40s Complex. Following receipt of such comments, GE will submit a final sampling plan for such additional sampling, if appropriate. In addition, work on development of a Final Completion Report for the 40s Complex has been deferred pending resolution of issues relating to such additional sampling.*
- GE is also awaiting comments from EPA and MDEP on draft ERE and Plan of Restricted Area for the 40s Complex.*
- Completion of reports on the results of soil sampling conducted on PEDA's behalf in the vicinity of the planned utility lines is on hold pending the performance of additional sampling.

f. Proposed/Approved Work Plan Modifications

None

**ITEM 2
PLANT AREA
EAST STREET AREA 2-SOUTH
(GEC150)
SEPTEMBER 2008**

a. Activities Undertaken/Completed

- Continued pre-demolition environmental removal activities at Buildings 63, 63X, and 68.
- Conducted liquid-phase carbon absorption (LPCA) monitoring, mop water sampling, and vapor-phase carbon sampling, as identified in Table 2-1.
- Conducted annual inspection of cover at City Recreational Area (September 17, 2008).*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Submit Second Addendum to the Conceptual Removal Design/Removal Action (RD/RA) Work Plan for East Street Area 2-South (following further discussion of flood storage compensation issues).*
- Submit report on annual inspection of cover at City Recreational Area.*
- Complete pre-demolition environmental removal activities at Buildings 63, 63X, and 68, and transition into structural demolition.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

**TABLE 2-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Building 64G LPCA Monitoring	64G-EFF-9-11-08	9/11/08	Water	Accutest	Copper, Lead, Zinc, Mercury	9/27/08
Building 64G LPCA Monitoring	64G-EFF-9-12-08	9/12/08	Water	Accutest	Copper, Lead, Zinc, Mercury	9/27/08
Building 64G VPC Monitoring	64G-VPC-1	9/15/08	Carbon	SGS	PCB, TCLP - Excludes Pest, Herb	9/30/08
Building 64T Mop Water Sampling	64T-MOP	9/15/08	Water	SGS	PCB	9/18/08

**TABLE 2-2
PCB DATA RECEIVED DURING SEPTEMBER 2008**

**BUILDING 64T MOP WATER SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
64T-MOP	9/15/2008	ND(0.00068)	0.010	0.0091	0.0191

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

**TABLE 2-3
DATA RECEIVED DURING SEPTEMBER 2008**

**BUILDING 64G LPCA MONITORING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	64G-EFF-9-11-08 09/11/08	64G-EFF-9-12-08 09/12/08
Inorganics-Unfiltered			
Copper		0.00110 B	0.00120 B
Lead		0.00220	0.00220
Zinc		0.00790 B	0.00710 B

Notes:

1. Samples were collected by General Electric Company, and submitted to Accutest Laboratories for analysis of copper, lead, zinc and mercury.
2. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

**TABLE 2-4
PCB DATA RECEIVED DURING SEPTEMBER 2008**

**BUILDING 64G VPC MONITORING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
64G-VPC-1	9/15/2008	ND(7.2)	34	12	ND(7.2)	46

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 2-5 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

**TABLE 2-5
TCLP DATA RECEIVED DURING SEPTEMBER 2008**

**BUILDING 64G VPC MONITORING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	TCLP Regulatory Limits	64G-VPC-1 9/15/2008
Volatile Organics			
1,1-Dichloroethene		0.7	ND(0.010)
1,2-Dichloroethane		0.5	ND(0.010)
2-Butanone		200	ND(0.25)
Benzene		0.5	0.015
Carbon Tetrachloride		0.5	ND(0.010)
Chlorobenzene		100	0.20
Chloroform		6	ND(0.010)
Tetrachloroethene		0.7	ND(0.010)
Trichloroethene		0.5	ND(0.010)
Vinyl Chloride		0.2	ND(0.010)
Semivolatile Organics			
1,4-Dichlorobenzene		7.5	0.010
2,4,5-Trichlorophenol		400	ND(0.0050)
2,4,6-Trichlorophenol		2	ND(0.0050)
2,4-Dinitrotoluene		0.13	ND(0.0050)
Cresol		200	ND(0.0050)
Hexachlorobenzene		0.13	ND(0.0050)
Hexachlorobutadiene		0.5	ND(0.0050)
Hexachloroethane		3	ND(0.0050)
Nitrobenzene		2	ND(0.0050)
Pentachlorophenol		100	ND(0.027)
Pyridine		5	ND(0.0050)
Inorganics			
Arsenic		5	ND(0.200)
Barium		100	0.201 B
Cadmium		1	ND(0.100)
Chromium		5	0.0409 B
Lead		5	0.0670 B
Mercury		0.2	ND(0.000570)
Selenium		1	ND(0.200)
Silver		5	0.0294 B

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 2-4 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

**ITEM 3
PLANT AREA
EAST STREET AREA 2-NORTH
(GEC140)
SEPTEMBER 2008**

a. Activities Undertaken/Completed

- Collected and transferred approximately 32,000 gallons of water from Building 9 to Building 64G for treatment.
- Continued communications with EPA, the City of Pittsfield, and PEDA regarding the draft CD Modification and associated Placement Plan to allow on-site disposition of crushed demolition debris from Buildings 7, 11, 16, 17, 17C, and 19.*
- Conducted supplemental inspection of non-remediated paved areas that GE has elected to maintain as paved (September 17, 2008).*

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted letter summarizing results of August/September 2008 inspections of restored areas and non-remediated paved areas that GE has elected to maintain as paved (September 24, 2008).*

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Conduct maintenance/repair activities identified in above letter.*
- Complete discussions regarding CD Modification to allow on-site disposition of crushed demolition debris from Buildings 7, 11, 16, 17, 17C, and 19.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- GE is awaiting EPA's comments on GE's December 21, 2006 proposal for the remaining at-grade concrete slabs of certain buildings in the portion of East Street Area 2-North that is intended to be transferred to PEDA (i.e., the 19s Complex).*
- The City of Pittsfield has proposed changes to the CD Modification to allow on-site disposition of crushed demolition debris from Buildings 7, 11, 16, 17, 17C, and 19. GE is considering those proposed changes.*

**ITEM 3
(cont'd)
PLANT AREA
EAST STREET AREA 2-NORTH
(GEC140)
SEPTEMBER 2008**

e. General Progress/Unresolved Issues/Potential Schedule Impacts (cont'd)

- Demolition activities for Buildings 7, 11, 16, 17, 17C, and 19 will be scheduled following filing of CD Modification to allow on-site disposition of crushed demolition debris from those buildings.
- The formal follow-notification letter associated with GE's May 10, 2007 verbal notification to EPA and MDEP regarding the result of a liquid sample collected from a drainage piping system in the Building 11 laboratory will be submitted after GE has completed removal of any additional liquids collected from the piping system (as discussed with M. Milete [EPA] during the May 10, 2007 verbal notification, and documented in a May 17, 2007 letter to EPA regarding the results of certain oil samples from Buildings 11 and 16). However, given site-specific conditions, such additional removal activities can only be completed as part of the demolition of Buildings 11 and 16. Therefore, submittal of the follow-up notification letter is dependent upon initiation of demolition activities for those buildings.

f. Proposed/Approved Work Plan Modifications

None

**ITEM 4
PLANT AREA
EAST STREET AREA 1-NORTH
(GEC130)
SEPTEMBER 2008**

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Conduct annual inspection of properties with Conditional Solutions.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues.

f. Proposed/Approved Work Plan Modifications

None

**ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
SEPTEMBER 2008**

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

- Conducted air monitoring for particulates and PCBs, as identified in Table 5-1.
- Continued transfer of leachate from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G for treatment. The total amount transferred in September 2008 was 10,606 gallons (see Table 5-2).
- Conducted preliminary data review (PDR) of PCB analytical data for ambient air samples collected from the OPCA air monitors on September 16-17, 2008 (Table 5-3). The PDR was conducted based on the following data quality indicators associated with the tabulated data set – sampling collection time, sampling calibration check, temperature receipt, associated blanks, laboratory control samples, recoveries and surrogate recoveries – in accordance with Validation Annex F in GE's revised Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP) and the Region I Data Validation Functional Guidelines referenced therein. This PDR resulted in no qualifications of the data. Tier I and Tier II data validation of all PCB analytical data for ambient air samples collected from the OPCA air monitors during this event will be conducted after receiving the full data package(s) from the laboratory.
- Conducted Fall 2008 post-closure inspection (September 17, 2008).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted to EPA, via electronic mail, the PCB analytical results for ambient air samples collected from the OPCA monitors on September 16-17, 2008 (September 30, 2008).

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue monthly submittals of PCB analytical data and Tier II data validation for ambient air samples collected from the OPCA air monitors.
- Submit Fall 2008 Post-Closure Inspection Report.

**ITEM 5
(cont'd)
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
SEPTEMBER 2008**

e. **General Progress/Unresolved Issues/Potential Schedule Impacts**

Timing for completion of final closure of Hill 78 OPCA is dependent on timing of building demolition activities.

f. **Proposed/Approved Work Plan Modifications**

None

**TABLE 5-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Ambient Air Particulate Matter Sampling	North of OPCAs	9/16/2008	Air	Berkshire Environmental	Particulate Matter	9/22/2008
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	9/16/2008	Air	Berkshire Environmental	Particulate Matter	9/22/2008
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	9/16/2008	Air	Berkshire Environmental	Particulate Matter	9/22/2008
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	9/16/2008	Air	Berkshire Environmental	Particulate Matter	9/22/2008
Ambient Air Particulate Matter Sampling	West of OPCAs	9/16/2008	Air	Berkshire Environmental	Particulate Matter	9/22/2008
Ambient Air Particulate Matter Sampling	Background Location	9/16/2008	Air	Berkshire Environmental	Particulate Matter	9/22/2008
PCB Ambient Air Sampling	Northwest of OPCAs	09/16-09/17/2008	Air	NEA	PCB	9/24/2008
PCB Ambient Air Sampling	West of OPCAs	09/16-09/17/2008	Air	NEA	PCB	9/24/2008
PCB Ambient Air Sampling	West of OPCAs colocated	09/16-09/17/2008	Air	NEA	PCB	9/24/2008
PCB Ambient Air Sampling	North of OPCAs	09/16-09/17/2008	Air	NEA	PCB	9/24/2008
PCB Ambient Air Sampling	Southeast of OPCAs	09/16-09/17/2008	Air	NEA	PCB	9/24/2008
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	09/16-09/17/2008	Air	NEA	PCB	9/24/2008
PCB Ambient Air Sampling	Background East of Building 9B	09/16-09/17/2008	Air	NEA	PCB	9/24/2008

TABLE 5-2
BUILDING 71 CONSOLIDATION AREA LEACHATE TRANSFER SUMMARY
PLANT AREA - HILL 78 & BUILDING 71 CONSOLIDATION AREAS
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Month / Year	Total Volume of Leachate Transferred (Gallons)
September 2007	21,500
October 2007	19,000
November 2007	13,000
December 2007	12,000
January 2008	8,000
February 2008	15,000
March 2008	10,000
April 2008	11,000
May 2008	10,000
June 2008	9,000
July 2008	10,000
August 2008	3,850
September 2008	10,606

Note:

1. Leachate is transferred from the Building 71 On-Plant Consolidation Area to Building 64G for treatment.

**TABLE 5-3
SUMMARY OF 2008 PCB AMBIENT AIR SAMPLING RESULTS - SEPTEMBER 2008**

**HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
(all results are ug/m3)**

Sample Location	Sample ID	Sample Date(s)	Aroclor ID	Result (ug/m ³)	Exceedances of Notification Level (0.05 ug/m ³)	Data Validated?
Northwest of OPCAs	NW-082208-007	08/21-08/22/08	Aroclor 1254	0.00057 AF	--	PDR ¹
			Total PCB	0.0006	No	
West of OPCAs	W-082208-301	08/21-08/22/08	Aroclor 1254	0.00089 AF	--	
			Total PCB	0.0009	No	
West of OPCAs, colocated	WCO-082208-006	08/21-08/22/08	Aroclor 1248	0.00054 PE	--	
			Aroclor 1254	0.00099 AF	--	
			Total PCB	0.0015	No	
North of OPCAs	N-082208-002	08/21-08/22/08	Aroclor 1248	0.00035 PE	--	
			Aroclor 1254	0.00055 AF	--	
			Total PCB	0.0009	No	
Southeast of OPCAs	SE-082208-202	08/21-08/22/08	Aroclor 1248	0.00039 PE	--	
			Aroclor 1254	0.00048 AF	--	
			Total PCB	0.0009	No	
Pittsfield Generating (PGE-082208-303	08/21-08/22/08	Aroclor 1248	0.00048 PE	--	
			Aroclor 1254	0.00069 AF	--	
			Total PCB	0.0012	No	
Background Sample Location - East of Building 9B	BK3-082208-001	08/21-08/22/08	Aroclor 1248	0.00048 PE	--	
			Aroclor 1254	0.00130 AF	--	
			Total PCB	0.0018	No	

Notes:

All sampling activities performed by Berkshire Environmental Consultants, Inc. All analytical activities performed by Northeast Analytical, Inc. Only results for detected Aroclors, as well as Total PCBs, are presented.

PDR - Preliminary Data Review

PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.

AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

ND - Non Detect (PQL)

PQL - Practical Quantitation Limit

Qualification Notes:

¹ PDR was conducted based on the following data quality indicators associated with the tabulated data set above: sampling collection time, sampling calibration check, temperature receipt, associated blanks, laboratory control samples recoveries, and surrogate recoveries.

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
01/02/08	North of OPCAs	0.009	0.011	10:45	NNW
	Pittsfield Generating Co.	0.010		10:45	
	Southeast of OPCAs	0.007		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.008		10:45	
01/03/08	North of OPCAs	0.009	0.007	10:30	WNW
	Pittsfield Generating Co.	0.011		10:45	
	Southeast of OPCAs	0.006		10:45	
	Northwest of OPCAs	0.008		10:45	
	West of OPCAs	0.005		10:45	
01/04/08	North of OPCAs	0.027	0.024	10:45	Calm
	Pittsfield Generating Co.	0.021		10:45	
	Southeast of OPCAs	0.022		10:45	
	Northwest of OPCAs	0.021		10:45	
	West of OPCAs	0.022		10:45	
01/07/08	North of OPCAs	0.041	0.040	10:45	Calm
	Pittsfield Generating Co.	0.040		10:45	
	Southeast of OPCAs	0.042		10:45	
	Northwest of OPCAs	0.032		10:45	
	West of OPCAs	0.041		10:45	
01/08/08	North of OPCAs	0.031	0.037	10:45	Calm
	Pittsfield Generating Co.	0.036		6:45 ²	
	Southeast of OPCAs	0.024		10:45	
	Northwest of OPCAs	0.029		10:45	
	West of OPCAs	0.039		10:45	
01/09/08	North of OPCAs	0.009	0.009	10:45	Variable
	Pittsfield Generating Co.	0.016		5:00 ²	
	Southeast of OPCAs	0.011		10:45	
	Northwest of OPCAs	0.007		10:45	
	West of OPCAs	0.007		10:45	
01/10/08	North of OPCAs	0.010	0.014	10:45	WSW
	Pittsfield Generating Co.	0.012		10:45	
	Southeast of OPCAs	0.011		10:45	
	Northwest of OPCAs	0.010		10:45	
	West of OPCAs	0.011		10:45	
01/11/08	North of OPCAs	0.019	0.018	10:45	Calm
	Pittsfield Generating Co.	0.016		10:45	
	Southeast of OPCAs	0.011		10:45	
	Northwest of OPCAs	0.011		10:45	
	West of OPCAs	0.008		10:45	
01/14/08	North of OPCAs	0.009	0.008	10:45	NNE
	Pittsfield Generating Co.	0.006		8:30 ²	
	Southeast of OPCAs	0.004		10:45	
	Northwest of OPCAs	0.007		10:45	
	West of OPCAs	0.003		10:45	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
01/15/08	North of OPCAs	0.013	0.016	10:45	WNW
	Pittsfield Generating Co.	0.015		10:45	
	Southeast of OPCAs	0.016		10:15	
	Northwest of OPCAs	0.015		10:45	
	West of OPCAs	0.011		10:45	
01/16/08	North of OPCAs	0.006	0.006	10:45	WNW
	Pittsfield Generating Co.	0.004		10:45	
	Southeast of OPCAs	0.006		10:45	
	Northwest of OPCAs	0.004		10:45	
	West of OPCAs	0.004		10:45	
01/17/08	North of OPCAs	0.024	0.030	10:45	Calm
	Pittsfield Generating Co.	0.025		10:45	
	Southeast of OPCAs	0.032		10:45	
	Northwest of OPCAs	0.021		10:45	
	West of OPCAs	0.029		10:45	
01/18/08	North of OPCAs	0.007	0.008	10:45	WNW
	Pittsfield Generating Co.	0.009		10:45	
	Southeast of OPCAs	0.004		10:45	
	Northwest of OPCAs	0.007		10:45	
	West of OPCAs	0.003		10:45	
01/21/08	North of OPCAs	0.015	0.014	10:45	WSW
	Pittsfield Generating Co.	0.013		10:45	
	Southeast of OPCAs	0.013		10:45	
	Northwest of OPCAs	0.016		10:45	
	West of OPCAs	0.018		10:45	
01/22/08	North of OPCAs	0.037	0.036	10:45	SSW
	Pittsfield Generating Co.	0.026		10:45	
	Southeast of OPCAs	0.026		10:45	
	Northwest of OPCAs	0.029		10:45	
	West of OPCAs	0.028		10:45	
01/23/08	North of OPCAs	0.012	0.011	10:45	WSW
	Pittsfield Generating Co.	0.011		10:45	
	Southeast of OPCAs	0.011		10:45	
	Northwest of OPCAs	0.012		10:45	
	West of OPCAs	0.010		10:45	
01/24/08	North of OPCAs	0.021	0.023	10:45	Calm
	Pittsfield Generating Co.	0.022		10:45	
	Southeast of OPCAs	0.022		10:45	
	Northwest of OPCAs	0.021		10:45	
	West of OPCAs	0.021		10:45	
01/25/08	North of OPCAs	0.014	0.011	10:45	WNW
	Pittsfield Generating Co.	0.012		10:45	
	Southeast of OPCAs	0.011		10:45	
	Northwest of OPCAs	0.014		10:45	
	West of OPCAs	0.013		10:45	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
01/28/08	North of OPCAs	0.015	0.013	10:45	NNW
	Pittsfield Generating Co.	0.013		10:45	
	Southeast of OPCAs	0.013		10:45	
	Northwest of OPCAs	0.013		10:45	
	West of OPCAs	0.013		10:45	
01/29/08	North of OPCAs	0.036	0.033	10:45	Calm
	Pittsfield Generating Co.	0.031		10:45	
	Southeast of OPCAs	0.032		10:45	
	Northwest of OPCAs	0.031		10:45	
	West of OPCAs	0.034		10:45	
01/30/08	North of OPCAs	0.025	0.023	10:45	WNW
	Pittsfield Generating Co.	0.021		10:45	
	Southeast of OPCAs	0.025		10:45	
	Northwest of OPCAs	0.022		10:45	
	West of OPCAs	0.021		10:45	
01/31/08	North of OPCAs	0.012	0.011	10:45	WNW
	Pittsfield Generating Co.	0.010		10:45	
	Southeast of OPCAs	0.011		10:45	
	Northwest of OPCAs	0.010		10:45	
	West of OPCAs	0.010		10:45	
02/01/08	North of OPCAs	0.018	0.019	10:45	Variable
	Pittsfield Generating Co.	0.012		10:45	
	Southeast of OPCAs	0.021		10:45	
	Northwest of OPCAs	0.015		10:45	
	West of OPCAs	0.014		10:45	
02/04/08	North of OPCAs	0.014	0.016	10:45	Calm
	Pittsfield Generating Co.	0.014		10:45	
	Southeast of OPCAs	0.016		10:45	
	Northwest of OPCAs	0.013		10:45	
	West of OPCAs	0.016		10:45	
02/05/08	North of OPCAs	0.019	0.026	10:45	Calm
	Pittsfield Generating Co.	0.019		10:45	
	Southeast of OPCAs	0.013		10:45	
	Northwest of OPCAs	0.019		10:45	
	West of OPCAs	0.011		10:45	
02/06/08	North of OPCAs	0.010	0.007	10:45	WSW
	Pittsfield Generating Co.	0.006		10:45	
	Southeast of OPCAs	0.006		10:45	
	Northwest of OPCAs	0.008		10:45	
	West of OPCAs	0.006		10:45	
02/07/08	North of OPCAs	0.004	0.009	10:45	Calm
	Pittsfield Generating Co.	0.008		10:45	
	Southeast of OPCAs	0.007		10:45	
	Northwest of OPCAs	0.008		10:45	
	West of OPCAs	0.005		10:45	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
02/08/08	North of OPCAs	0.008	0.007	10:45	WNW
	Pittsfield Generating Co.	0.009		10:45	
	Southeast of OPCAs	0.009		10:45	
	Northwest of OPCAs	0.008		10:45	
	West of OPCAs	0.007		10:45	
02/11/08	North of OPCAs	0.016	0.010	10:45	WNW
	Pittsfield Generating Co.	0.015		10:45	
	Southeast of OPCAs	0.024		10:45	
	Northwest of OPCAs	0.017		10:45	
	West of OPCAs	0.016		10:45	
02/12/08	North of OPCAs	0.012	0.012	10:45	Calm
	Pittsfield Generating Co.	0.012		10:45	
	Southeast of OPCAs	0.012		10:45	
	Northwest of OPCAs	0.011		10:45	
	West of OPCAs	0.011		10:45	
02/13/08	North of OPCAs	0.012	0.009	10:15	Calm
	Pittsfield Generating Co.	0.006		10:45	
	Southeast of OPCAs	0.009		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.006		10:45	
02/14/08	North of OPCAs	0.005	0.005	10:45	WNW
	Pittsfield Generating Co.	0.006		10:45	
	Southeast of OPCAs	0.004		10:45	
	Northwest of OPCAs	0.004		10:45	
	West of OPCAs	0.004		10:45	
02/15/08	North of OPCAs	0.020	0.018	10:45	WSW
	Pittsfield Generating Co.	0.014		10:45	
	Southeast of OPCAs	0.015		10:45	
	Northwest of OPCAs	0.015		10:45	
	West of OPCAs	0.013		10:45	
02/18/08	North of OPCAs	0.013	0.008	10:45	SSW
	Pittsfield Generating Co.	0.011		10:45	
	Southeast of OPCAs	0.009		10:45	
	Northwest of OPCAs	0.013		10:45	
	West of OPCAs	0.011		10:45	
02/19/08	North of OPCAs	0.026	0.025	10:45	Variable
	Pittsfield Generating Co.	0.018		10:45	
	Southeast of OPCAs	0.014		10:45	
	Northwest of OPCAs	0.015		10:45	
	West of OPCAs	0.018		10:45	
02/20/08	North of OPCAs	0.026	0.020	10:45	WSW
	Pittsfield Generating Co.	0.015		10:45	
	Southeast of OPCAs	0.017		10:45	
	Northwest of OPCAs	0.013		10:45	
	West of OPCAs	0.014		10:45	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
02/21/08	North of OPCAs	0.007	0.013	10:45	WNW
	Pittsfield Generating Co.	0.007		10:45	
	Southeast of OPCAs	0.005		10:45	
	Northwest of OPCAs	0.008		10:45	
	West of OPCAs	0.008		10:45	
02/22/08	North of OPCAs	0.058	0.024	10:45	Variable
	Pittsfield Generating Co.	0.021		10:45	
	Southeast of OPCAs	0.020		10:30	
	Northwest of OPCAs	0.019		10:45	
	West of OPCAs	0.036		10:45	
02/25/08	North of OPCAs	0.031	0.042	10:45	WNW
	Pittsfield Generating Co.	0.030		10:45	
	Southeast of OPCAs	0.030		10:45	
	Northwest of OPCAs	0.033		10:45	
	West of OPCAs	0.032		10:45	
02/26/08	North of OPCAs	0.036	0.040	10:45	Variable
	Pittsfield Generating Co.	0.031		10:45	
	Southeast of OPCAs	0.042		10:45	
	Northwest of OPCAs	0.028		10:45	
	West of OPCAs	0.039		10:45	
02/27/08	North of OPCAs	0.012	0.007	10:45	WNW
	Pittsfield Generating Co.	0.014		10:45	
	Southeast of OPCAs	0.009		10:45	
	Northwest of OPCAs	0.010		10:45	
	West of OPCAs	0.008		10:45	
02/29/08	North of OPCAs	0.014	0.019	10:45	Calm
	Pittsfield Generating Co.	0.009		10:45	
	Southeast of OPCAs	0.010		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.010		10:45	
03/03/08	North of OPCAs	0.032	0.039	10:45	Variable
	Pittsfield Generating Co.	0.024		10:45	
	Southeast of OPCAs	0.025		10:45	
	Northwest of OPCAs	0.022		10:45	
	West of OPCAs	0.027		10:45	
03/04/08	North of OPCAs	0.009	0.009	10:45	Variable
	Pittsfield Generating Co.	0.013		10:45	
	Southeast of OPCAs	0.008		10:45	
	Northwest of OPCAs	0.012		10:45	
	West of OPCAs	0.007		10:45	
03/05/08	North of OPCAs	0.006	0.010	10:45	WSW
	Pittsfield Generating Co.	0.006		10:45	
	Southeast of OPCAs	0.005		10:45	
	Northwest of OPCAs	0.006		10:45	
	West of OPCAs	0.006		10:45	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
03/06/08	North of OPCAs	0.012	0.018	10:45	Variable
	Pittsfield Generating Co.	0.008		10:45	
	Southeast of OPCAs	0.007		10:45	
	Northwest of OPCAs	0.008		10:45	
	West of OPCAs	0.007		10:45	
03/07/08	North of OPCAs	0.018	0.025	10:45	Calm
	Pittsfield Generating Co.	0.018		10:45	
	Southeast of OPCAs	0.023		10:45	
	Northwest of OPCAs	0.013		10:45	
	West of OPCAs	0.020		10:45	
03/10/08	North of OPCAs	0.023	0.018	10:45	WNW
	Pittsfield Generating Co.	0.014		10:45	
	Southeast of OPCAs	0.011		10:45	
	Northwest of OPCAs	0.015		10:45	
	West of OPCAs	0.016		10:45	
03/11/08	North of OPCAs	0.016	0.021	10:45	Variable
	Pittsfield Generating Co.	0.013		10:45	
	Southeast of OPCAs	0.012		10:45	
	Northwest of OPCAs	0.014		10:45	
	West of OPCAs	0.015		10:45	
03/12/08	North of OPCAs	0.032	0.029	10:45	WNW
	Pittsfield Generating Co.	0.031		10:45	
	Southeast of OPCAs	0.035		10:45	
	Northwest of OPCAs	0.032		10:45	
	West of OPCAs	0.031		10:45	
03/13/08	North of OPCAs	0.007	0.013	10:45	Calm
	Pittsfield Generating Co.	0.005		10:45	
	Southeast of OPCAs	0.004		10:45	
	Northwest of OPCAs	0.005		10:45	
	West of OPCAs	0.005		10:45	
03/14/08	North of OPCAs	0.032	0.035	10:45	Calm
	Pittsfield Generating Co.	0.029		10:45	
	Southeast of OPCAs	0.031		10:45	
	Northwest of OPCAs	0.026		10:45	
	West of OPCAs	0.029		10:45	
03/17/08	North of OPCAs	0.006	0.013	10:45	NNW
	Pittsfield Generating Co.	0.004		10:45	
	Southeast of OPCAs	0.011		10:45	
	Northwest of OPCAs	0.004		10:45	
	West of OPCAs	0.006		10:45	
03/18/08	North of OPCAs	0.016	0.022	10:45	Calm
	Pittsfield Generating Co.	0.013		10:45	
	Southeast of OPCAs	0.014		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.017		10:45	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
03/19/08	North of OPCAs	0.005	0.007	10:45	Variable
	Pittsfield Generating Co.	0.005		10:45	
	Southeast of OPCAs	0.005		10:45	
	Northwest of OPCAs	0.008		10:45	
	West of OPCAs	0.003		10:45	
03/20/08	North of OPCAs	0.006	0.005	10:45	WNW
	Pittsfield Generating Co.	0.004		10:45	
	Southeast of OPCAs	0.005		10:45	
	Northwest of OPCAs	0.007		10:45	
	West of OPCAs	0.001		10:45	
03/21/08	North of OPCAs	0.037	0.037	10:45	WNW
	Pittsfield Generating Co.	0.021		10:45	
	Southeast of OPCAs	0.031		10:45	
	Northwest of OPCAs	0.036		10:45	
	West of OPCAs	0.025		10:45	
03/24/08	North of OPCAs	0.010	0.009	10:45	Variable
	Pittsfield Generating Co.	0.008		10:45	
	Southeast of OPCAs	0.008		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.011		10:45	
03/25/08	North of OPCAs	0.012	0.013	10:45	Variable
	Pittsfield Generating Co.	0.009		10:45	
	Southeast of OPCAs	0.008		10:45	
	Northwest of OPCAs	0.010		10:45	
	West of OPCAs	0.016		10:45	
03/26/08	North of OPCAs	0.018	0.016	10:45	Variable
	Pittsfield Generating Co.	0.014		10:45	
	Southeast of OPCAs	0.015		10:45	
	Northwest of OPCAs	0.015		10:45	
	West of OPCAs	0.015		10:45	
03/27/08	North of OPCAs	0.015	0.015	10:45	WSW
	Pittsfield Generating Co.	0.011		10:45	
	Southeast of OPCAs	0.013		10:45	
	Northwest of OPCAs	0.013		10:45	
	West of OPCAs	0.014		10:45	
03/28/08	North of OPCAs	0.011	0.009	10:45	Calm
	Pittsfield Generating Co.	0.007		10:45	
	Southeast of OPCAs	0.012		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.011		10:00	
03/31/08	North of OPCAs	0.019	0.016	10:45	Variable
	Pittsfield Generating Co.	0.014		10:45	
	Southeast of OPCAs	0.015		10:45	
	Northwest of OPCAs	0.015		10:45	
	West of OPCAs	0.016		6:45 ³	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
04/01/08	North of OPCAs	0.013	0.007	10:45	SSW
	Pittsfield Generating Co.	0.010		10:45	
	Southeast of OPCAs	0.006		10:45	
	Northwest of OPCAs	0.015		10:45	
	West of OPCAs	0.019		9:15 ³	
04/02/08	North of OPCAs	0.008	0.014	10:45	WNW
	Pittsfield Generating Co.	0.008		10:45	
	Southeast of OPCAs	0.010		10:45	
	Northwest of OPCAs	0.010		10:45	
	West of OPCAs	0.010		10:45	
04/03/08	North of OPCAs	0.012	0.010	10:45	SSW/WSW
	Pittsfield Generating Co.	0.010		10:45	
	Southeast of OPCAs	0.008		10:45	
	Northwest of OPCAs	0.011		10:45	
	West of OPCAs	0.013		10:45	
04/04/08	North of OPCAs	0.009	0.005	10:45	Calm
	Pittsfield Generating Co.	0.004		10:45	
	Southeast of OPCAs	0.006		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.003		10:45	
04/07/08	North of OPCAs	0.011	0.012	10:45	Variable
	Pittsfield Generating Co.	0.010		10:45	
	Southeast of OPCAs	0.012		10:45	
	Northwest of OPCAs	0.008		10:45	
	West of OPCAs	0.016		10:45	
04/08/08	North of OPCAs	0.006	0.007	10:45	Variable
	Pittsfield Generating Co.	0.005		10:45	
	Southeast of OPCAs	0.003		10:45	
	Northwest of OPCAs	0.004		10:45	
	West of OPCAs	0.009		10:45	
04/09/08	North of OPCAs	0.015	0.029	10:45	SSW
	Pittsfield Generating Co.	0.017		10:45	
	Southeast of OPCAs	0.011		10:45	
	Northwest of OPCAs	0.011		10:45	
	West of OPCAs	0.023		10:45	
04/10/08	North of OPCAs	0.008	0.016	10:45	WNW
	Pittsfield Generating Co.	0.007		10:45	
	Southeast of OPCAs	0.007		10:45	
	Northwest of OPCAs	0.006		10:45	
	West of OPCAs	0.000		2:15 ³	
04/11/08	North of OPCAs	0.010	0.011	10:45	Calm
	Pittsfield Generating Co.	0.011		10:45	
	Southeast of OPCAs	0.013		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.011		10:45	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
04/14/08	North of OPCAs	0.003	0.002	10:45	NNW
	Pittsfield Generating Co.	0.004		10:45	
	Southeast of OPCAs	0.002		10:45	
	Northwest of OPCAs	0.004		10:45	
	West of OPCAs	0.002		10:45	
04/15/08	North of OPCAs	0.010	0.009	10:45	NNW
	Pittsfield Generating Co.	0.008		10:45	
	Southeast of OPCAs	0.007		10:45	
	Northwest of OPCAs	0.008		10:45	
	West of OPCAs	0.008		10:45	
04/16/08	North of OPCAs	0.014	0.009	10:45	Calm
	Pittsfield Generating Co.	0.010		10:45	
	Southeast of OPCAs	0.007		10:45	
	Northwest of OPCAs	0.006		10:45	
	West of OPCAs	0.007		10:45	
04/17/08	North of OPCAs	0.020	0.019	10:45	Calm
	Pittsfield Generating Co.	0.015		10:45	
	Southeast of OPCAs	0.017		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.018		10:45	
04/18/08	North of OPCAs	0.027	0.021	10:45	WNW/NNW
	Pittsfield Generating Co.	0.023		10:45	
	Southeast of OPCAs	0.021		10:45	
	Northwest of OPCAs	0.023		10:45	
	West of OPCAs	0.018		10:45	
04/21/08	North of OPCAs	0.016	0.013	10:45	Variable
	Pittsfield Generating Co.	0.016		10:45	
	Southeast of OPCAs	0.014		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.025		10:45	
04/22/08	North of OPCAs	0.021	0.017	10:45	Variable
	Pittsfield Generating Co.	0.018		10:45	
	Southeast of OPCAs	0.012		10:45	
	Northwest of OPCAs	0.011		10:45	
	West of OPCAs	0.030		10:45	
04/23/08	North of OPCAs	0.023	0.027	10:45	WSW
	Pittsfield Generating Co.	0.021		10:45	
	Southeast of OPCAs	0.016		10:45	
	Northwest of OPCAs	0.023		10:45	
	West of OPCAs	0.024		10:45	
04/24/08	North of OPCAs	0.011	0.009	10:45	NNW
	Pittsfield Generating Co.	0.010		10:45	
	Southeast of OPCAs	0.016		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.012		10:45	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
04/25/08	North of OPCAs	0.016	0.012	10:45	WNW
	Pittsfield Generating Co.	0.013		10:45	
	Southeast of OPCAs	0.010		10:45	
	Northwest of OPCAs	0.008		10:45	
	West of OPCAs	0.014		10:45	
04/28/08	North of OPCAs	0.018	0.012	10:45	Variable
	Pittsfield Generating Co.	0.007		10:45	
	Southeast of OPCAs	0.020		10:45	
	Northwest of OPCAs	0.016		10:45	
	West of OPCAs	0.011		10:45	
04/29/08	North of OPCAs	0.006	0.003	10:45	WNW
	Pittsfield Generating Co.	0.006		10:45	
	Southeast of OPCAs	0.008		10:45	
	Northwest of OPCAs	0.015		10:45	
	West of OPCAs	0.002		10:45	
04/30/08	North of OPCAs	0.015	0.009	10:45	WNW
	Pittsfield Generating Co.	0.006		10:45	
	Southeast of OPCAs	0.007		10:45	
	Northwest of OPCAs	0.011		10:45	
	West of OPCAs	0.005		10:45	
05/01/08	North of OPCAs	0.014	0.014	10:45	Variable
	Pittsfield Generating Co.	0.010		10:45	
	Southeast of OPCAs	0.010		10:45	
	Northwest of OPCAs	0.010		10:45	
	West of OPCAs	0.008		10:45	
05/02/08	North of OPCAs	0.014	0.015	10:45	Variable
	Pittsfield Generating Co.	0.015		10:45	
	Southeast of OPCAs	0.015		10:45	
	Northwest of OPCAs	0.017		10:45	
	West of OPCAs	0.012		10:45	
05/05/08	North of OPCAs	0.011	0.010	10:45	Variable
	Pittsfield Generating Co.	0.008		10:45	
	Southeast of OPCAs	0.006		10:45	
	Northwest of OPCAs	0.012		10:45	
	West of OPCAs	0.006		10:45	
05/06/08	North of OPCAs	0.023	0.022	10:45	WNW
	Pittsfield Generating Co.	0.019		10:45	
	Southeast of OPCAs	0.020		10:45	
	Northwest of OPCAs	0.018		10:45	
	West of OPCAs	0.016		10:45	
05/07/08	North of OPCAs	0.017	0.011	10:45	Variable
	Pittsfield Generating Co.	0.013		10:45	
	Southeast of OPCAs	0.014		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.014		10:45	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
05/08/08	North of OPCAs	0.024	0.029	10:45	WNW
	Pittsfield Generating Co.	0.036		10:45	
	Southeast of OPCAs	0.025		10:45	
	Northwest of OPCAs	0.028		10:45	
	West of OPCAs	0.022		10:45	
05/09/08	North of OPCAs	0.006	0.009	10:45	Variable
	Pittsfield Generating Co.	0.010		10:45	
	Southeast of OPCAs	0.013		10:45	
	Northwest of OPCAs	0.014		10:45	
	West of OPCAs	0.007		10:45	
05/12/08	North of OPCAs	0.025	0.035	10:45	ENE
	Pittsfield Generating Co.	0.016		10:45	
	Southeast of OPCAs	0.025		10:45	
	Northwest of OPCAs	0.026		10:45	
	West of OPCAs	0.023		10:45	
05/13/08	North of OPCAs	0.014	0.012	10:45	NNE
	Pittsfield Generating Co.	0.009		10:45	
	Southeast of OPCAs	0.010		10:45	
	Northwest of OPCAs	0.013		10:45	
	West of OPCAs	0.012		10:45	
05/14/08	North of OPCAs	0.019	0.013	10:45	SSW
	Pittsfield Generating Co.	0.015		10:45	
	Southeast of OPCAs	0.012		10:45	
	Northwest of OPCAs	0.017		10:45	
	West of OPCAs	0.018		10:45	
05/15/08	North of OPCAs	0.017	0.014	10:45	Calm
	Pittsfield Generating Co.	0.015		10:45	
	Southeast of OPCAs	0.014		10:45	
	Northwest of OPCAs	0.013		10:45	
	West of OPCAs	0.012		10:45	
05/16/08	North of OPCAs	0.006	0.014	10:45	Calm
	Pittsfield Generating Co.	0.008		10:45	
	Southeast of OPCAs	0.011		10:45	
	Northwest of OPCAs	0.010		10:45	
	West of OPCAs	0.007		10:45	
05/19/08	North of OPCAs	0.012	0.018	10:45	WNW
	Pittsfield Generating Co.	0.010		10:45	
	Southeast of OPCAs	0.014		10:45	
	Northwest of OPCAs	0.011		10:45	
	West of OPCAs	0.013		10:45	
05/20/08	North of OPCAs	0.009	0.012	10:45	WSW
	Pittsfield Generating Co.	0.010		10:45	
	Southeast of OPCAs	0.009		10:45	
	Northwest of OPCAs	0.008		10:45	
	West of OPCAs	0.009		10:45	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
05/21/08	North of OPCAs	0.017	0.022	10:45	Variable
	Pittsfield Generating Co.	0.014		10:45	
	Southeast of OPCAs	0.019		10:45	
	Northwest of OPCAs	0.024		10:45	
	West of OPCAs	0.024		10:45	
05/22/08	North of OPCAs	0.007	0.007	10:45	NNW
	Pittsfield Generating Co.	0.005		10:45	
	Southeast of OPCAs	0.005		10:45	
	Northwest of OPCAs	0.006		10:45	
	West of OPCAs	0.006		10:45	
05/23/08	North of OPCAs	0.009	0.009	10:45	WNW
	Pittsfield Generating Co.	0.009		10:45	
	Southeast of OPCAs	0.008		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.006		10:45	
05/27/08	North of OPCAs	0.038	0.031	10:45	WSW
	Pittsfield Generating Co.	0.031		10:45	
	Southeast of OPCAs	0.032		10:45	
	Northwest of OPCAs	0.025		10:45	
	West of OPCAs	0.024		10:45	
05/28/08	North of OPCAs	0.013	0.014	10:45	NNW
	Pittsfield Generating Co.	0.008		10:45	
	Southeast of OPCAs	0.014		10:45	
	Northwest of OPCAs	0.010		10:45	
	West of OPCAs	0.008		10:45	
05/29/08	North of OPCAs	0.028	0.026	10:45	WNW
	Pittsfield Generating Co.	0.021		10:45	
	Southeast of OPCAs	0.054		10:45	
	Northwest of OPCAs	0.027		10:45	
	West of OPCAs	0.032		10:45	
05/30/08	North of OPCAs	0.033	0.019	10:45	WSW
	Pittsfield Generating Co.	0.016		10:45	
	Southeast of OPCAs	0.015		10:45	
	Northwest of OPCAs	0.010		10:45	
	West of OPCAs	0.014		10:45	
06/02/08	North of OPCAs	0.014	0.015	10:45	WNW
	Pittsfield Generating Co.	0.012		10:45	
	Southeast of OPCAs	0.010		10:45	
	Northwest of OPCAs	0.017		10:45	
	West of OPCAs	0.013		10:45	
06/03/08	North of OPCAs	0.017	0.015	10:45	SSW
	Pittsfield Generating Co.	0.014		10:45	
	Southeast of OPCAs	0.013		9:30 ³	
	Northwest of OPCAs	0.016		10:45	
	West of OPCAs	0.013		10:45	

**TABLE 5-4
 AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2008**

**PARTICULATE AMBIENT AIR CONCENTRATIONS
 HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Sampling Date ¹	Sampler Location	Average Site Concentration (mg/m ³)	Background Site Concentration (mg/m ³)	Average Period (Hours:Min)	Predominant Wind Direction
06/04/08	North of OPCAs	0.003	0.005	10:45	Calm
	Pittsfield Generating Co.	0.009		10:45	
	Southeast of OPCAs	0.006		10:45	
	Northwest of OPCAs	0.006		10:45	
	West of OPCAs	0.006		10:45	
06/05/08	North of OPCAs	0.002	0.005	10:45	Variable
	Pittsfield Generating Co.	0.003		10:45	
	Southeast of OPCAs	0.003		10:45	
	Northwest of OPCAs	0.005		10:45	
	West of OPCAs	0.002		10:45	
06/06/08	North of OPCAs	0.012	0.012	10:45	WNW
	Pittsfield Generating Co.	0.014		10:45	
	Southeast of OPCAs	0.010		10:45	
	Northwest of OPCAs	0.012		10:45	
	West of OPCAs	0.009		10:45	
06/12/08	North of OPCAs	0.007	0.005	10:45	NNW
	Pittsfield Generating Co.	0.016		10:45	
	Southeast of OPCAs	0.008		10:45	
	Northwest of OPCAs	0.009		10:45	
	West of OPCAs	0.014		10:45	
07/15/08	North of OPCAs	0.030	0.006	9:30 ²	WNW
	Pittsfield Generating Co.	0.018		10:45	
	Southeast of OPCAs	0.053		7:30 ²	
	Northwest of OPCAs	0.013		10:45	
	West of OPCAs	0.020		10:45	
08/21/08	North of OPCAs	0.026	0.006	7:30 ²	Variable
	Pittsfield Generating Co.	0.009		10:45	
	Southeast of OPCAs	0.009		10:45	
	Northwest of OPCAs	0.010		10:45	
	West of OPCAs	0.006		10:45	
09/16/08	North of OPCAs	0.003	0.018	10:45	WNW
	Pittsfield Generating Co.	0.003		10:45	
	Southeast of OPCAs	0.005		10:45	
	Northwest of OPCAs	0.006		10:45	
	West of OPCAs	0.003		10:45	
Notification Level		0.120			
Action Level		0.150			

Notes:

Concentrations measured with an EBAM unless noted.

The background monitoring station is located east of Building 9B, between Building 9B and New York Avenue (BK-3). For the period of February 20 - March 21, 2008, the background monitoring station was temporarily relocated to the corner of Harvard Street and Tyler Street Extension (BK-4), due to site activities associated with the East Street Area 2 North project which were located in close proximity to BK-3.

Predominant wind direction determined using hourly wind direction data from the Pittsfield Municipal Airport Weather Station.

¹ The particulate monitors obtain real-time data. The sampling data were obtained by Berkshire Environmental Consultants, Inc. on the sampling date.

² Sampling period was shortened due to instrument malfunction.

³ Sampling period was shortened due to power failure.

**TABLE 5-5
SUMMARY OF 2008 PCB AMBIENT AIR SAMPLING RESULTS**

**HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
(all results are ug/m³)**

Date	Northwest of OPCAs	West of OPCAs	West of OPCAs collocated	North of OPCAs	Southeast of OPCAs	Pittsfield Generating (PGE)	Background Sample Location (BK-3) - East of Building 9B	Background Sample Location (BK-4) - North of Tyler Street Ext.	Data Validated?
01/03/08 - 01/04/08	ND	ND	ND	ND	ND J ²	ND	ND	---	Tier I/II
02/12/08 - 02/13/08	ND	ND	ND	ND	ND	ND	ND	---	Tier I/II
03/06/08 - 03/07/08	ND	ND	ND	ND	ND	ND	---	0.0003	Tier I/II
04/08/08 - 04/09/08	ND	0.0008 J ³	0.0010 J ³	ND	ND	ND	0.0014 J ³	---	Tier I/II
05/07/08 - 05/08/08	0.0009 J ³	0.0011 J ³	0.0012 J ³	0.0004	0.0004	0.0008 J ³	0.0016 J ³	---	Tier I/II
06/12/08 - 06/13/08	0.0003 J ³	0.0007 J ³	0.0008 J ³	0.0003 J ³	0.0003 J ³	ND	0.0011 J ³	---	Tier I/II
07/15/08 - 07/16/08	0.0011 J ³	0.0010 J ³	0.0014 J ³	0.0008 J ³	0.0018 J ³	0.0010 J ³	0.0016 J ³	---	Tier I/II
08/21/08 - 08/22/08	0.0006	0.0009	0.0015	0.0009	0.0009	0.0012	0.0018	---	PDR ¹
09/16/08 - 09/17/08	0.0007	0.0004	0.0009	0.0003	0.0003	0.0007	0.0012	---	PDR ¹
Exceedances of Notification Level (0.05 µg/m³)	None	None	None	None	None	None	None	None	

Notes:

All sampling activities performed by Berkshire Environmental Consultants, Inc. All analytical activities performed by Northeast Analytical, Inc.
 ND - Non Detect (<0.0003)
 PDR - Preliminary Data Review
 J - Indicates that the associated numerical value is an estimated concentration.

The background monitoring station is located east of Building 9B, between Building 9B and New York Avenue (BK-3). For the period of February 20 - March 21, 2008, the background monitoring station was temporarily relocated to the corner of Harvard Street and Tyler Street Extension (BK-4), due to site activities associated with the East Street Area 2 North project which were located in close proximity to BK-3.

¹ PDR was conducted based on the following data quality indicators associated with the tabulated data set above: sampling collection time, sampling calibration check, temperature receipt, associated blanks, laboratory control samples recoveries, and surrogate recoveries.

² Sample results qualified as estimate due to the surrogate analysis exhibiting recoveries less than the control limit.

³ Based on discussions with the EPA, beginning with the June 6-7, 2007 sampling event, sampling data that did not match the Aroclor pattern established through analysis of the target Aroclor standard (which consisted of data for Aroclor 1248) were qualified as estimated ("J").

**ITEM 6
PLANT AREA
HILL 78 AREA - REMAINDER
(GEC160)
SEPTEMBER 2008**

a. Activities Undertaken/Completed

Implemented interim measures to address erosion occurring at the southern end of the realigned sewer line in accordance with EPA's August 20, 2008 conditional approval letter for the Hill 78 Area-Remainder Final RD/RA Work Plan.*

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted Addendum to Hill 78 Area-Remainder Final RD/RA Work Plan, including a revised Post-Removal Site Control Plan that included restoration and inspection measures for areas impacted by the utility re-routing project, as well as a proposed new drainage swale (September 18, 2008).*

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Select a remediation contractor for soil-related remediation actions by October 6, 2008.*
- Submit Supplemental Information Package (SIP) within 30 days after selection of remediation contractor.*
- Initiate soil-related remediation actions following EPA approval of the SIP.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

**ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
SEPTEMBER 2008**

a. Activities Undertaken/Completed

- Continued flow monitoring activities in Unkamet Brook.*
- Continued flow modeling for Unkamet Brook based on the flow monitoring data.*
- Collected and transferred approximately 9,000 gallons of water associated with cleaning from the General Dynamics OP-3 Steam Line Vaults to Building 64G for treatment.

b. Sampling/Test Results Received

- See attached tables and enclosed compact disk containing flow monitoring data from Unkamet Brook.*
- See updated Graph 7-1 summarizing preliminary flow monitoring data collected from Unkamet Brook through September 12, 2008.*

c. Work Plans/Reports/Documents Submitted

Submitted letter summarizing the scope of supplemental investigations proposed within the southernmost portion of the RAA (September 12, 2008).*

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue flow modeling for Unkamet Brook based on the flow monitoring data.*
- Following EPA approval of GE's September 12, 2008 supplemental investigation proposal, obtain an agreement with CSX Transportation for access to its properties to conduct sampling.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

CSX Transportation has indicated that a separate access agreement will be drafted to cover access for sampling once the scope of sampling is finalized.*

f. Proposed/Approved Work Plan Modifications

None

**TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
July 2008 Supplemental to Pre-Design Investigation	RAA10-W-T12	8/25/08	1-6	Soil	SGS	PCB	9/10/08
July 2008 Supplemental to Pre-Design Investigation	RAA10-W-T12	8/25/08	6-15	Soil	SGS	PCB	9/10/08
July 2008 Supplemental to Pre-Design Investigation	RAA10-W-T12	8/25/08	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	9/10/08

**TABLE 7-2
PCB DATA RECEIVED DURING SEPTEMBER 2008**

**JULY 2008 SUPPLEMENTAL TO PRE-DESIGN INVESTIGATION
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-W-T12	0-1	8/25/2008	ND(0.033)	ND(0.033)	ND(0.033)	0.12	0.12
	1-6	8/25/2008	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
	6-15	8/25/2008	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)
UB-UTL-1*	1-6	7/28/2008	ND(0.033)	ND(0.033)	0.12	ND(0.033)	0.12
UB-UTL-2*	1-6	7/28/2008	ND(1.8)	26	25	ND(1.8)	51
UB-UTL-3*	1-6	7/28/2008	ND(360)	ND(360)	3500	ND(360)	3500

Notes:

1. Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. * Samples were inadvertently missing from Table 7-2 of the August 2008 CD Monthly Report.

**TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING SEPTEMBER 2008**

**JULY 2008 SUPPLEMENTAL TO PRE-DESIGN INVESTIGATION
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-T12 0-1 08/25/08
Volatile Organics		
Acetone		0.070
Methylene Chloride		0.0041 J
Semivolatile Organics		
Benzo(a)anthracene		0.15 J
Benzo(a)pyrene		0.18 J
Benzo(b)fluoranthene		0.20 J
Benzo(g,h,i)perylene		0.10 J
Benzo(k)fluoranthene		0.11 J
bis(2-Ethylhexyl)phthalate		0.066 J
Chrysene		0.18 J
Fluoranthene		0.31 J
Indeno(1,2,3-cd)pyrene		0.073 J
Phenanthrene		0.14 J
Pyrene		0.30 J
Furans		
2,3,7,8-TCDF		0.0000017
TCDFs (total)		0.000015
1,2,3,7,8-PeCDF		ND(0.00000075) X
2,3,4,7,8-PeCDF		0.0000018 J
PeCDFs (total)		0.000021
1,2,3,4,7,8-HxCDF		0.0000014 J
1,2,3,6,7,8-HxCDF		0.0000012 J
1,2,3,7,8,9-HxCDF		0.0000063
2,3,4,6,7,8-HxCDF		0.0000015 J
HxCDFs (total)		0.000023
1,2,3,4,6,7,8-HpCDF		0.000014
1,2,3,4,7,8,9-HpCDF		0.00000094 J
HpCDFs (total)		0.000031
OCDF		0.000028
Dioxins		
2,3,7,8-TCDD		0.00000028
TCDDs (total)		0.00000031
1,2,3,7,8-PeCDD		0.00000052
PeCDDs (total)		0.0000028
1,2,3,4,7,8-HxCDD		0.00000052
1,2,3,6,7,8-HxCDD		0.0000014 J
1,2,3,7,8,9-HxCDD		0.0000013 J
HxCDDs (total)		0.000012
1,2,3,4,6,7,8-HpCDD		0.000025
HpCDDs (total)		0.000047
OCDD		0.00017
Total TEQs (WHO TEFs)		0.0000031

**TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING SEPTEMBER 2008**

**JULY 2008 SUPPLEMENTAL TO PRE-DESIGN INVESTIGATION
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Parameter	Sample ID: Sample Depth(Feet): Date Collected:	RAA10-W-T12 0-1 08/25/08
Inorganics		
Antimony		0.966 B
Arsenic		13.0
Barium		41.4 B
Chromium		15.2
Cobalt		9.99
Copper		20.4 B
Lead		33.0
Mercury		0.0608
Nickel		16.3
Selenium		6.86
Silver		0.308 B
Thallium		1.89
Tin		1.05 B
Vanadium		16.1
Zinc		82.2

Notes:

1. Sample was collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
4. With the exception of dioxin/furans, only detected constituents are summarized.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

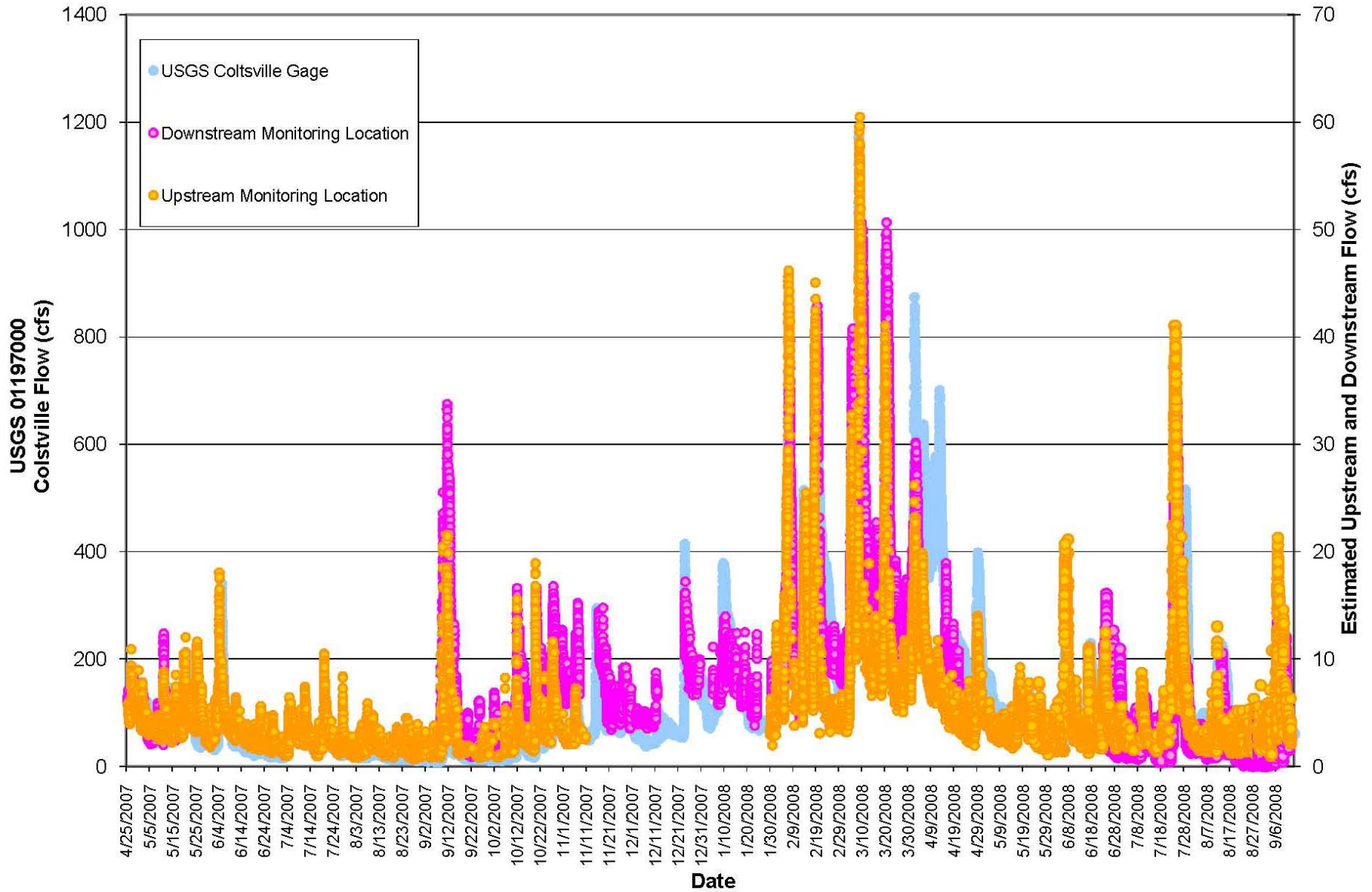
- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- X - Estimated maximum possible concentration.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and PQL.

Graph 7-1. Estimated Upstream and Downstream Flow Results

PRELIMINARY DRAFT
WORK IN PROGRESS



UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/29/2008 0:05	2.16	8.23
8/29/2008 0:10	2.16	8.23
8/29/2008 0:15	2.16	8.23
8/29/2008 0:20	2.16	8.23
8/29/2008 0:25	2.16	8.23
8/29/2008 0:30	2.16	8.23
8/29/2008 0:35	2.16	8.23
8/29/2008 0:40	2.16	8.23
8/29/2008 0:45	2.16	8.23
8/29/2008 0:50	2.16	5.55
8/29/2008 0:55	2.159	9.04
8/29/2008 1:00	2.159	9.04
8/29/2008 1:05	2.159	9.04
8/29/2008 1:10	2.16	9.04
8/29/2008 1:15	2.159	9.04
8/29/2008 1:20	2.159	9.04
8/29/2008 1:25	2.159	9.04
8/29/2008 1:30	2.159	9.04
8/29/2008 1:35	2.159	8.36
8/29/2008 1:40	2.159	8.36
8/29/2008 1:45	2.159	8.36
8/29/2008 1:50	2.159	8.36
8/29/2008 1:55	2.159	8.36
8/29/2008 2:00	2.159	8.36
8/29/2008 2:05	2.159	8.36
8/29/2008 2:10	2.159	8.36
8/29/2008 2:15	2.158	8.36
8/29/2008 2:20	2.159	8.36
8/29/2008 2:25	2.159	9.84
8/29/2008 2:30	2.159	9.84
8/29/2008 2:35	2.159	9.84
8/29/2008 2:40	2.159	9.84
8/29/2008 2:45	2.159	9.84
8/29/2008 2:50	2.158	9.84
8/29/2008 2:55	2.158	9.84
8/29/2008 3:00	2.158	9.84
8/29/2008 3:05	2.158	9.84
8/29/2008 3:10	2.158	9.84
8/29/2008 3:15	2.158	9.84
8/29/2008 3:20	2.158	9.84
8/29/2008 3:25	2.158	9.84
8/29/2008 3:30	2.158	9.84
8/29/2008 3:35	2.158	9.84
8/29/2008 3:40	2.158	9.84

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/29/2008 3:45	2.157	9.84
8/29/2008 3:50	2.158	9.84
8/29/2008 3:55	2.158	9.84
8/29/2008 4:00	2.158	9.84
8/29/2008 4:05	2.158	9.84
8/29/2008 4:10	2.158	9.84
8/29/2008 4:15	2.158	9.84
8/29/2008 4:20	2.158	9.84
8/29/2008 4:25	2.158	9.84
8/29/2008 4:30	2.158	9.84
8/29/2008 4:35	2.158	9.84
8/29/2008 4:40	2.158	9.84
8/29/2008 4:45	2.159	9.84
8/29/2008 4:50	2.159	9.84
8/29/2008 4:55	2.158	9.84
8/29/2008 5:00	2.159	9.84
8/29/2008 5:05	2.159	9.84
8/29/2008 5:10	2.159	9.84
8/29/2008 5:15	2.159	9.84
8/29/2008 5:20	2.159	9.84
8/29/2008 5:25	2.159	9.84
8/29/2008 5:30	2.159	10.98
8/29/2008 5:35	2.16	10.98
8/29/2008 5:40	2.16	10.98
8/29/2008 5:45	2.16	10.98
8/29/2008 5:50	2.16	10.98
8/29/2008 5:55	2.16	10.98
8/29/2008 6:00	2.16	10.98
8/29/2008 6:05	2.16	10.98
8/29/2008 6:10	2.16	10.98
8/29/2008 6:15	2.16	10.98
8/29/2008 6:20	2.16	10.98
8/29/2008 6:25	2.16	10.98
8/29/2008 6:30	2.16	10.98
8/29/2008 6:35	2.16	10.98
8/29/2008 6:40	2.161	10.98
8/29/2008 6:45	2.16	10.98
8/29/2008 6:50	2.16	10.98
8/29/2008 6:55	2.16	10.98
8/29/2008 7:00	2.161	10.98
8/29/2008 7:05	2.161	10.98
8/29/2008 7:10	2.16	10.98
8/29/2008 7:15	2.16	10.41
8/29/2008 7:20	2.16	10.41

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/29/2008 7:25	2.161	10.41
8/29/2008 7:30	2.16	10.41
8/29/2008 7:35	2.16	10.41
8/29/2008 7:40	2.16	10.41
8/29/2008 7:45	2.161	10.41
8/29/2008 7:50	2.16	10.41
8/29/2008 7:55	2.16	10.41
8/29/2008 8:00	2.16	10.41
8/29/2008 8:05	2.16	10.41
8/29/2008 8:10	2.16	10.41
8/29/2008 8:15	2.16	10.41
8/29/2008 8:20	2.16	10.41
8/29/2008 8:25	2.16	9.66
8/29/2008 8:30	2.159	12.18
8/29/2008 8:35	2.159	12.18
8/29/2008 8:40	2.159	12.18
8/29/2008 8:45	2.159	12.18
8/29/2008 8:50	2.159	12.18
8/29/2008 8:55	2.159	12.18
8/29/2008 9:00	2.158	12.18
8/29/2008 9:05	2.158	12.18
8/29/2008 9:10	2.158	12.18
8/29/2008 9:15	2.158	12.18
8/29/2008 9:20	2.157	12.18
8/29/2008 9:25	2.158	0.97
8/29/2008 9:30	2.157	1.08
8/29/2008 9:35	2.158	1.08
8/29/2008 9:40	2.157	1.08
8/29/2008 9:45	2.157	1.26
8/29/2008 9:50	2.157	1.15
8/29/2008 9:55	2.156	1.15
8/29/2008 10:00	2.156	1.13
8/29/2008 10:05	2.155	1.13
8/29/2008 10:10	2.156	1.13
8/29/2008 10:15	2.155	1.13
8/29/2008 10:20	2.155	1.23
8/29/2008 10:25	2.155	1.23
8/29/2008 10:30	2.155	1.23
8/29/2008 10:35	2.155	1.23
8/29/2008 10:40	2.154	1.23
8/29/2008 10:45	2.154	1.23
8/29/2008 10:50	2.154	1.23
8/29/2008 10:55	2.153	1.23
8/29/2008 11:00	2.153	1.23

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/29/2008 11:05	2.153	1.23
8/29/2008 11:10	2.153	1.19
8/29/2008 11:15	2.153	1.19
8/29/2008 11:20	2.152	1.19
8/29/2008 11:25	2.152	1.19
8/29/2008 11:30	2.152	1.19
8/29/2008 11:35	2.152	1.19
8/29/2008 11:40	2.152	1.19
8/29/2008 11:45	2.151	1.19
8/29/2008 11:50	2.151	1.19
8/29/2008 11:55	2.15	1.19
8/29/2008 12:00	2.15	1.19
8/29/2008 12:05	2.15	1.19
8/29/2008 12:10	2.149	1.19
8/29/2008 12:15	2.149	0.23
8/29/2008 12:20	2.149	0.23
8/29/2008 12:25	2.149	0.26
8/29/2008 12:30	2.148	0.26
8/29/2008 12:35	2.148	0.26
8/29/2008 12:40	2.148	0.26
8/29/2008 12:45	2.147	0.26
8/29/2008 12:50	2.147	0.26
8/29/2008 12:55	2.145	0.26
8/29/2008 13:00	2.145	0.26
8/29/2008 13:05	2.145	0.26
8/29/2008 13:10	2.145	0.26
8/29/2008 13:15	2.145	8.23
8/29/2008 13:20	2.145	8.23
8/29/2008 13:25	2.145	0.24
8/29/2008 13:30	2.145	0.27
8/29/2008 13:35	2.145	0.27
8/29/2008 13:40	2.144	0.27
8/29/2008 13:45	2.143	0.19
8/29/2008 13:50	2.145	0.19
8/29/2008 13:55	2.144	0.19
8/29/2008 14:00	2.143	0.19
8/29/2008 14:05	2.143	0.19
8/29/2008 14:10	2.142	0.19
8/29/2008 14:15	2.141	0.19
8/29/2008 14:20	2.142	0.34
8/29/2008 14:25	2.143	0.34
8/29/2008 14:30	2.141	0.4
8/29/2008 14:35	2.141	0.4
8/29/2008 14:40	2.141	0.4

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/29/2008 14:45	2.141	0.4
8/29/2008 14:50	2.141	0.4
8/29/2008 14:55	2.14	0.4
8/29/2008 15:00	2.14	0.4
8/29/2008 15:05	2.14	0.4
8/29/2008 15:10	2.139	0.4
8/29/2008 15:15	2.14	0.4
8/29/2008 15:20	2.14	0.4
8/29/2008 15:25	2.139	0.4
8/29/2008 15:30	2.139	0.4
8/29/2008 15:35	2.139	0.4
8/29/2008 15:40	2.139	0.4
8/29/2008 15:45	2.138	0.4
8/29/2008 15:50	2.138	0.4
8/29/2008 15:55	2.139	0.4
8/29/2008 16:00	2.138	0.4
8/29/2008 16:05	2.138	0.4
8/29/2008 16:10	2.138	0.4
8/29/2008 16:15	2.138	0.4
8/29/2008 16:20	2.137	0.4
8/29/2008 16:25	2.137	0.4
8/29/2008 16:30	2.137	0.4
8/29/2008 16:35	2.136	0.4
8/29/2008 16:40	2.137	0.4
8/29/2008 16:45	2.145	0.4
8/29/2008 16:50	2.137	0.4
8/29/2008 16:55	2.136	0.4
8/29/2008 17:00	2.137	0.4
8/29/2008 17:05	2.136	0.56
8/29/2008 17:10	2.135	-0.22
8/29/2008 17:15	2.136	-0.22
8/29/2008 17:20	2.136	0.14
8/29/2008 17:25	2.136	0.14
8/29/2008 17:30	2.135	0.14
8/29/2008 17:35	2.135	0.14
8/29/2008 17:40	2.136	0.14
8/29/2008 17:45	2.135	0.14
8/29/2008 17:50	2.135	0.14
8/29/2008 17:55	2.135	0.14
8/29/2008 18:00	2.135	0.14
8/29/2008 18:05	2.135	0.14
8/29/2008 18:10	2.135	0.14
8/29/2008 18:15	2.135	0.14
8/29/2008 18:20	2.135	0.14

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/29/2008 18:25	2.135	0.14
8/29/2008 18:30	2.135	0.14
8/29/2008 18:35	2.134	0.14
8/29/2008 18:40	2.134	0.14
8/29/2008 18:45	2.134	0.14
8/29/2008 18:50	2.134	0.14
8/29/2008 18:55	2.134	0.14
8/29/2008 19:00	2.134	0.14
8/29/2008 19:05	2.134	0.14
8/29/2008 19:10	2.134	0.14
8/29/2008 19:15	2.134	0.14
8/29/2008 19:20	2.134	0.14
8/29/2008 19:25	2.134	0.14
8/29/2008 19:30	2.134	0.14
8/29/2008 19:35	2.134	0.14
8/29/2008 19:40	2.134	0.14
8/29/2008 19:45	2.134	0.14
8/29/2008 19:50	2.134	0.14
8/29/2008 19:55	2.134	0.14
8/29/2008 20:00	2.134	0.14
8/29/2008 20:05	2.133	0.14
8/29/2008 20:10	2.133	0.14
8/29/2008 20:15	2.133	0.14
8/29/2008 20:20	2.133	0.14
8/29/2008 20:25	2.133	0.14
8/29/2008 20:30	2.133	0.14
8/29/2008 20:35	2.133	0.14
8/29/2008 20:40	2.133	0.14
8/29/2008 20:45	2.133	0.14
8/29/2008 20:50	2.133	0.22
8/29/2008 20:55	2.132	0.22
8/29/2008 21:00	2.132	0.22
8/29/2008 21:05	2.133	0.22
8/29/2008 21:10	2.132	0.22
8/29/2008 21:15	2.133	0.22
8/29/2008 21:20	2.133	0.22
8/29/2008 21:25	2.134	0.22
8/29/2008 21:30	2.137	0.22
8/29/2008 21:35	2.15	0.22
8/29/2008 21:40	2.165	0.22
8/29/2008 21:45	2.17	0.22
8/29/2008 21:50	2.17	0.22
8/29/2008 21:55	2.169	0.22
8/29/2008 22:00	2.165	0.55

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/29/2008 22:05	2.161	0.05
8/29/2008 22:10	2.158	0.05
8/29/2008 22:15	2.156	0.05
8/29/2008 22:20	2.156	0.05
8/29/2008 22:25	2.159	0.05
8/29/2008 22:30	2.173	0.05
8/29/2008 22:35	2.181	0.05
8/29/2008 22:40	2.181	0.05
8/29/2008 22:45	2.179	0.05
8/29/2008 22:50	2.174	0.05
8/29/2008 22:55	2.17	0.05
8/29/2008 23:00	2.165	0.05
8/29/2008 23:05	2.162	0.05
8/29/2008 23:10	2.159	0.05
8/29/2008 23:15	2.156	0.05
8/29/2008 23:20	2.155	0.05
8/29/2008 23:25	2.153	0.05
8/29/2008 23:30	2.152	0.05
8/29/2008 23:35	2.151	0.05
8/29/2008 23:40	2.151	0.05
8/29/2008 23:45	2.151	0.05
8/29/2008 23:50	2.151	0.05
8/29/2008 23:55	2.151	0.05
8/30/2008 0:00	2.151	0.05
8/30/2008 0:05	2.151	0.05
8/30/2008 0:10	2.151	0.22
8/30/2008 0:15	2.152	0.22
8/30/2008 0:20	2.152	-0.27
8/30/2008 0:25	2.152	-0.27
8/30/2008 0:30	2.152	-0.27
8/30/2008 0:35	2.153	-0.27
8/30/2008 0:40	2.153	-0.27
8/30/2008 0:45	2.153	-0.27
8/30/2008 0:50	2.154	-0.27
8/30/2008 0:55	2.154	-0.27
8/30/2008 1:00	2.154	-0.27
8/30/2008 1:05	2.155	-0.27
8/30/2008 1:10	2.155	-0.27
8/30/2008 1:15	2.156	-0.27
8/30/2008 1:20	2.156	-0.27
8/30/2008 1:25	2.156	-0.27
8/30/2008 1:30	2.156	-0.27
8/30/2008 1:35	2.157	-0.27
8/30/2008 1:40	2.157	-0.27

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/30/2008 1:45	2.157	-0.27
8/30/2008 1:50	2.157	-0.27
8/30/2008 1:55	2.157	-0.27
8/30/2008 2:00	2.158	-0.27
8/30/2008 2:05	2.158	-0.27
8/30/2008 2:10	2.161	-0.27
8/30/2008 2:15	2.167	-0.27
8/30/2008 2:20	2.185	-0.27
8/30/2008 2:25	2.2	-0.27
8/30/2008 2:30	2.207	-0.27
8/30/2008 2:35	2.208	-0.27
8/30/2008 2:40	2.205	-0.27
8/30/2008 2:45	2.201	-0.27
8/30/2008 2:50	2.196	-0.27
8/30/2008 2:55	2.19	-0.27
8/30/2008 3:00	2.186	-0.27
8/30/2008 3:05	2.182	-0.27
8/30/2008 3:10	2.179	-0.27
8/30/2008 3:15	2.175	-0.27
8/30/2008 3:20	2.173	-0.27
8/30/2008 3:25	2.171	-0.27
8/30/2008 3:30	2.17	-0.27
8/30/2008 3:35	2.168	-0.27
8/30/2008 3:40	2.167	-0.27
8/30/2008 3:45	2.166	-0.27
8/30/2008 3:50	2.166	-0.27
8/30/2008 3:55	2.165	-0.27
8/30/2008 4:00	2.165	-0.27
8/30/2008 4:05	2.165	-0.27
8/30/2008 4:10	2.165	-0.27
8/30/2008 4:15	2.165	-0.27
8/30/2008 4:20	2.165	-0.27
8/30/2008 4:25	2.165	-0.27
8/30/2008 4:30	2.165	-0.27
8/30/2008 4:35	2.164	-0.27
8/30/2008 4:40	2.164	-0.27
8/30/2008 4:45	2.164	-0.27
8/30/2008 4:50	2.164	0.2
8/30/2008 4:55	2.164	0.2
8/30/2008 5:00	2.164	0.2
8/30/2008 5:05	2.164	0.2
8/30/2008 5:10	2.165	0.2
8/30/2008 5:15	2.163	0.2
8/30/2008 5:20	2.162	0.2

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/30/2008 5:25	2.162	0.2
8/30/2008 5:30	2.161	0.2
8/30/2008 5:35	2.161	0.2
8/30/2008 5:40	2.161	0.2
8/30/2008 5:45	2.161	0.2
8/30/2008 5:50	2.161	0.2
8/30/2008 5:55	2.161	0.2
8/30/2008 6:00	2.161	0.2
8/30/2008 6:05	2.161	-0.16
8/30/2008 6:10	2.16	-0.16
8/30/2008 6:15	2.16	-0.16
8/30/2008 6:20	2.16	-0.16
8/30/2008 6:25	2.16	-0.16
8/30/2008 6:30	2.16	-0.16
8/30/2008 6:35	2.16	-0.16
8/30/2008 6:40	2.16	-0.16
8/30/2008 6:45	2.16	-0.16
8/30/2008 6:50	2.159	-0.16
8/30/2008 6:55	2.159	-0.16
8/30/2008 7:00	2.159	-0.16
8/30/2008 7:05	2.159	-0.16
8/30/2008 7:10	2.157	-0.16
8/30/2008 7:15	2.158	-0.16
8/30/2008 7:20	2.157	-0.16
8/30/2008 7:25	2.156	-0.16
8/30/2008 7:30	2.156	-0.16
8/30/2008 7:35	2.155	-0.16
8/30/2008 7:40	2.155	-0.16
8/30/2008 7:45	2.154	0.21
8/30/2008 7:50	2.154	0.21
8/30/2008 7:55	2.154	0.21
8/30/2008 8:00	2.154	0.21
8/30/2008 8:05	2.153	0.21
8/30/2008 8:10	2.153	0.21
8/30/2008 8:15	2.153	0.21
8/30/2008 8:20	2.152	0.21
8/30/2008 8:25	2.152	7.44
8/30/2008 8:30	2.152	7.44
8/30/2008 8:35	2.152	7.44
8/30/2008 8:40	2.152	7.44
8/30/2008 8:45	2.152	7.44
8/30/2008 8:50	2.152	7.44
8/30/2008 8:55	2.151	7.44
8/30/2008 9:00	2.151	7.44

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/30/2008 9:05	2.151	7.44
8/30/2008 9:10	2.15	7.44
8/30/2008 9:15	2.15	7.44
8/30/2008 9:20	2.15	7.44
8/30/2008 9:25	2.149	7.44
8/30/2008 9:30	2.149	7.44
8/30/2008 9:35	2.149	7.44
8/30/2008 9:40	2.149	7.44
8/30/2008 9:45	2.148	7.44
8/30/2008 9:50	2.148	7.44
8/30/2008 9:55	2.148	7.44
8/30/2008 10:00	2.148	7.44
8/30/2008 10:05	2.148	7.44
8/30/2008 10:10	2.147	7.44
8/30/2008 10:15	2.147	7.44
8/30/2008 10:20	2.147	0.11
8/30/2008 10:25	2.146	0.11
8/30/2008 10:30	2.146	0.11
8/30/2008 10:35	2.146	0.11
8/30/2008 10:40	2.145	0.11
8/30/2008 10:45	2.145	0.11
8/30/2008 10:50	2.145	0.11
8/30/2008 10:55	2.145	0.11
8/30/2008 11:00	2.144	0.11
8/30/2008 11:05	2.144	0.11
8/30/2008 11:10	2.144	0.11
8/30/2008 11:15	2.144	0.11
8/30/2008 11:20	2.144	0.11
8/30/2008 11:25	2.143	0.11
8/30/2008 11:30	2.143	0.11
8/30/2008 11:35	2.143	0.11
8/30/2008 11:40	2.142	0.11
8/30/2008 11:45	2.142	0.11
8/30/2008 11:50	2.142	0.11
8/30/2008 11:55	2.142	0.11
8/30/2008 12:00	2.142	0.11
8/30/2008 12:05	2.142	0.11
8/30/2008 12:10	2.142	0.11
8/30/2008 12:15	2.142	0.11
8/30/2008 12:20	2.142	0.11
8/30/2008 12:25	2.141	0.11
8/30/2008 12:30	2.142	0.11
8/30/2008 12:35	2.141	0.11
8/30/2008 12:40	2.141	0.11

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/30/2008 12:45	2.141	0.11
8/30/2008 12:50	2.14	0.11
8/30/2008 12:55	2.14	0.24
8/30/2008 13:00	2.14	0.24
8/30/2008 13:05	2.14	0.24
8/30/2008 13:10	2.14	0.24
8/30/2008 13:15	2.141	0.24
8/30/2008 13:20	2.14	0.24
8/30/2008 13:25	2.14	0.24
8/30/2008 13:30	2.14	0.24
8/30/2008 13:35	2.139	0.24
8/30/2008 13:40	2.14	0.54
8/30/2008 13:45	2.14	0.54
8/30/2008 13:50	2.14	0.54
8/30/2008 13:55	2.139	0.54
8/30/2008 14:00	2.139	0.54
8/30/2008 14:05	2.138	0.54
8/30/2008 14:10	2.139	0.54
8/30/2008 14:15	2.138	0.54
8/30/2008 14:20	2.139	0.54
8/30/2008 14:25	2.139	0.54
8/30/2008 14:30	2.138	9.37
8/30/2008 14:35	2.138	9.37
8/30/2008 14:40	2.137	9.37
8/30/2008 14:45	2.137	9.37
8/30/2008 14:50	2.136	8.6
8/30/2008 14:55	2.136	7.64
8/30/2008 15:00	2.136	8.1
8/30/2008 15:05	2.136	8.93
8/30/2008 15:10	2.135	8.93
8/30/2008 15:15	2.135	8.37
8/30/2008 15:20	2.135	8.66
8/30/2008 15:25	2.134	8.66
8/30/2008 15:30	2.134	8.66
8/30/2008 15:35	2.135	8.66
8/30/2008 15:40	2.134	8.66
8/30/2008 15:45	2.133	8.66
8/30/2008 15:50	2.134	9.73
8/30/2008 15:55	2.134	9.73
8/30/2008 16:00	2.133	9.73
8/30/2008 16:05	2.132	9.73
8/30/2008 16:10	2.133	9.73
8/30/2008 16:15	2.133	9.73
8/30/2008 16:20	2.133	9.73

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/30/2008 16:25	2.133	9.73
8/30/2008 16:30	2.133	9.73
8/30/2008 16:35	2.133	9.73
8/30/2008 16:40	2.133	9.73
8/30/2008 16:45	2.133	9.73
8/30/2008 16:50	2.133	9.73
8/30/2008 16:55	2.133	9.73
8/30/2008 17:00	2.133	9.73
8/30/2008 17:05	2.132	9.73
8/30/2008 17:10	2.133	9.73
8/30/2008 17:15	2.132	9.73
8/30/2008 17:20	2.133	9.73
8/30/2008 17:25	2.133	9.73
8/30/2008 17:30	2.133	9.73
8/30/2008 17:35	2.133	9.73
8/30/2008 17:40	2.133	9.73
8/30/2008 17:45	2.133	9.73
8/30/2008 17:50	2.133	9.73
8/30/2008 17:55	2.133	9.73
8/30/2008 18:00	2.133	9.73
8/30/2008 18:05	2.133	9.73
8/30/2008 18:10	2.133	9.73
8/30/2008 18:15	2.133	9.73
8/30/2008 18:20	2.132	9.73
8/30/2008 18:25	2.132	8.57
8/30/2008 18:30	2.132	8.57
8/30/2008 18:35	2.132	8.57
8/30/2008 18:40	2.132	8.57
8/30/2008 18:45	2.132	8.57
8/30/2008 18:50	2.133	8.57
8/30/2008 18:55	2.133	8.57
8/30/2008 19:00	2.133	8.57
8/30/2008 19:05	2.134	8.57
8/30/2008 19:10	2.133	8.57
8/30/2008 19:15	2.133	8.57
8/30/2008 19:20	2.133	8.57
8/30/2008 19:25	2.133	8.57
8/30/2008 19:30	2.133	8.57
8/30/2008 19:35	2.133	8.57
8/30/2008 19:40	2.133	8.57
8/30/2008 19:45	2.133	8.57
8/30/2008 19:50	2.132	8.57
8/30/2008 19:55	2.132	8.57
8/30/2008 20:00	2.132	8.57

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/30/2008 20:05	2.132	8.57
8/30/2008 20:10	2.132	8.57
8/30/2008 20:15	2.132	8.57
8/30/2008 20:20	2.132	8.57
8/30/2008 20:25	2.132	8.57
8/30/2008 20:30	2.132	8.57
8/30/2008 20:35	2.132	8.57
8/30/2008 20:40	2.131	8.57
8/30/2008 20:45	2.132	8.57
8/30/2008 20:50	2.131	8.57
8/30/2008 20:55	2.132	8.57
8/30/2008 21:00	2.131	8.57
8/30/2008 21:05	2.131	8.57
8/30/2008 21:10	2.131	8.57
8/30/2008 21:15	2.131	8.57
8/30/2008 21:20	2.131	8.57
8/30/2008 21:25	2.131	8.57
8/30/2008 21:30	2.131	8.57
8/30/2008 21:35	2.131	8.57
8/30/2008 21:40	2.131	8.57
8/30/2008 21:45	2.131	8.57
8/30/2008 21:50	2.131	8.57
8/30/2008 21:55	2.131	8.57
8/30/2008 22:00	2.131	8.57
8/30/2008 22:05	2.131	8.57
8/30/2008 22:10	2.132	8.57
8/30/2008 22:15	2.132	8.57
8/30/2008 22:20	2.132	8.57
8/30/2008 22:25	2.132	8.57
8/30/2008 22:30	2.132	8.57
8/30/2008 22:35	2.132	8.57
8/30/2008 22:40	2.133	8.57
8/30/2008 22:45	2.133	8.57
8/30/2008 22:50	2.133	8.57
8/30/2008 22:55	2.133	8.57
8/30/2008 23:00	2.133	8.57
8/30/2008 23:05	2.133	8.57
8/30/2008 23:10	2.133	8.57
8/30/2008 23:15	2.133	8.57
8/30/2008 23:20	2.133	8.57
8/30/2008 23:25	2.133	8.57
8/30/2008 23:30	2.133	8.57
8/30/2008 23:35	2.133	8.57
8/30/2008 23:40	2.133	8.57

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/30/2008 23:45	2.133	8.57
8/30/2008 23:50	2.132	8.57
8/30/2008 23:55	2.133	8.57
8/31/2008 0:00	2.139	8.57
8/31/2008 0:05	2.132	8.57
8/31/2008 0:10	2.132	8.57
8/31/2008 0:15	2.131	8.57
8/31/2008 0:20	2.131	8.57
8/31/2008 0:25	2.131	8.57
8/31/2008 0:30	2.13	8.57
8/31/2008 0:35	2.13	8.57
8/31/2008 0:40	2.13	8.57
8/31/2008 0:45	2.129	8.57
8/31/2008 0:50	2.129	8.57
8/31/2008 0:55	2.128	8.57
8/31/2008 1:00	2.127	8.57
8/31/2008 1:05	2.127	8.57
8/31/2008 1:10	2.127	9.35
8/31/2008 1:15	2.127	8.92
8/31/2008 1:20	2.127	8.92
8/31/2008 1:25	2.127	8.92
8/31/2008 1:30	2.127	8.92
8/31/2008 1:35	2.127	8.92
8/31/2008 1:40	2.127	8.92
8/31/2008 1:45	2.127	8.26
8/31/2008 1:50	2.126	6.25
8/31/2008 1:55	2.126	8.12
8/31/2008 2:00	2.125	8.12
8/31/2008 2:05	2.125	8.12
8/31/2008 2:10	2.124	8.12
8/31/2008 2:15	2.123	8.12
8/31/2008 2:20	2.123	8.12
8/31/2008 2:25	2.123	8.12
8/31/2008 2:30	2.122	8.12
8/31/2008 2:35	2.123	8.12
8/31/2008 2:40	2.124	8.12
8/31/2008 2:45	2.124	8.12
8/31/2008 2:50	2.125	8.12
8/31/2008 2:55	2.125	8.12
8/31/2008 3:00	2.125	8.12
8/31/2008 3:05	2.126	8.12
8/31/2008 3:10	2.126	8.12
8/31/2008 3:15	2.127	8.12
8/31/2008 3:20	2.126	8.12

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/31/2008 3:25	2.127	8.12
8/31/2008 3:30	2.127	8.12
8/31/2008 3:35	2.127	8.12
8/31/2008 3:40	2.127	8.12
8/31/2008 3:45	2.127	8.12
8/31/2008 3:50	2.127	8.12
8/31/2008 3:55	2.127	8.12
8/31/2008 4:00	2.128	8.12
8/31/2008 4:05	2.128	8.12
8/31/2008 4:10	2.128	8.12
8/31/2008 4:15	2.128	8.12
8/31/2008 4:20	2.128	8.12
8/31/2008 4:25	2.128	9.85
8/31/2008 4:30	2.128	9.85
8/31/2008 4:35	2.129	9.85
8/31/2008 4:40	2.129	9.85
8/31/2008 4:45	2.129	9.85
8/31/2008 4:50	2.129	0.15
8/31/2008 4:55	2.129	0.15
8/31/2008 5:00	2.13	0.15
8/31/2008 5:05	2.13	0.15
8/31/2008 5:10	2.13	0.15
8/31/2008 5:15	2.13	0.15
8/31/2008 5:20	2.13	0.15
8/31/2008 5:25	2.13	0.15
8/31/2008 5:30	2.13	0.15
8/31/2008 5:35	2.13	0.15
8/31/2008 5:40	2.13	0.15
8/31/2008 5:45	2.13	0.15
8/31/2008 5:50	2.13	0.15
8/31/2008 5:55	2.13	0.15
8/31/2008 6:00	2.131	0.15
8/31/2008 6:05	2.131	0.15
8/31/2008 6:10	2.131	0.15
8/31/2008 6:15	2.131	0.15
8/31/2008 6:20	2.131	0.15
8/31/2008 6:25	2.131	0.15
8/31/2008 6:30	2.132	0.15
8/31/2008 6:35	2.132	0.15
8/31/2008 6:40	2.132	0.15
8/31/2008 6:45	2.132	0.15
8/31/2008 6:50	2.132	0.15
8/31/2008 6:55	2.132	0.15
8/31/2008 7:00	2.132	0.15

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/31/2008 7:05	2.132	0.15
8/31/2008 7:10	2.132	0.15
8/31/2008 7:15	2.132	0.15
8/31/2008 7:20	2.132	0.15
8/31/2008 7:25	2.132	0.15
8/31/2008 7:30	2.132	0.15
8/31/2008 7:35	2.132	0.15
8/31/2008 7:40	2.132	0.15
8/31/2008 7:45	2.132	0.15
8/31/2008 7:50	2.132	0.15
8/31/2008 7:55	2.132	0.15
8/31/2008 8:00	2.132	0.15
8/31/2008 8:05	2.132	0.15
8/31/2008 8:10	2.132	0.15
8/31/2008 8:15	2.133	0.15
8/31/2008 8:20	2.133	0.15
8/31/2008 8:25	2.132	0.15
8/31/2008 8:30	2.133	0.15
8/31/2008 8:35	2.133	0.15
8/31/2008 8:40	2.133	0.15
8/31/2008 8:45	2.133	0.15
8/31/2008 8:50	2.133	0.15
8/31/2008 8:55	2.134	0.15
8/31/2008 9:00	2.133	0.15
8/31/2008 9:05	2.134	0.15
8/31/2008 9:10	2.134	0.15
8/31/2008 9:15	2.134	0.15
8/31/2008 9:20	2.133	0.15
8/31/2008 9:25	2.134	0.15
8/31/2008 9:30	2.134	0.15
8/31/2008 9:35	2.134	0.15
8/31/2008 9:40	2.134	0.15
8/31/2008 9:45	2.134	0.19
8/31/2008 9:50	2.134	0.19
8/31/2008 9:55	2.135	0.19
8/31/2008 10:00	2.135	0.19
8/31/2008 10:05	2.136	0.19
8/31/2008 10:10	2.136	0.19
8/31/2008 10:15	2.136	0.19
8/31/2008 10:20	2.136	0.19
8/31/2008 10:25	2.136	0.19
8/31/2008 10:30	2.135	0.19
8/31/2008 10:35	2.137	0.19
8/31/2008 10:40	2.136	0.19

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/31/2008 10:45	2.136	0.19
8/31/2008 10:50	2.135	0.19
8/31/2008 10:55	2.136	0.19
8/31/2008 11:00	2.136	0.19
8/31/2008 11:05	2.136	0.19
8/31/2008 11:10	2.135	0.19
8/31/2008 11:15	2.137	0.19
8/31/2008 11:20	2.136	0.19
8/31/2008 11:25	2.137	0.19
8/31/2008 11:30	2.135	0.25
8/31/2008 11:35	2.135	0.25
8/31/2008 11:40	2.135	0.25
8/31/2008 11:45	2.137	0.25
8/31/2008 11:50	2.135	0.25
8/31/2008 11:55	2.136	0.25
8/31/2008 12:00	2.135	0.25
8/31/2008 12:05	2.135	0.25
8/31/2008 12:10	2.135	0.26
8/31/2008 12:15	2.135	0.26
8/31/2008 12:20	2.135	0.26
8/31/2008 12:25	2.133	0.26
8/31/2008 12:30	2.131	0.26
8/31/2008 12:35	2.135	0.36
8/31/2008 12:40	2.133	0.2
8/31/2008 12:45	2.135	0.3
8/31/2008 12:50	2.133	0.3
8/31/2008 12:55	2.133	0.3
8/31/2008 13:00	2.134	0.3
8/31/2008 13:05	2.134	0.3
8/31/2008 13:10	2.133	0.3
8/31/2008 13:15	2.133	0.3
8/31/2008 13:20	2.131	0.3
8/31/2008 13:25	2.132	0.3
8/31/2008 13:30	2.133	0.23
8/31/2008 13:35	2.131	0.23
8/31/2008 13:40	2.129	0.23
8/31/2008 13:45	2.133	0.23
8/31/2008 13:50	2.134	0.23
8/31/2008 13:55	2.132	0.23
8/31/2008 14:00	2.133	0.23
8/31/2008 14:05	2.133	0.23
8/31/2008 14:10	2.133	0.23
8/31/2008 14:15	2.134	0.23
8/31/2008 14:20	2.133	0.23

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/31/2008 14:25	2.135	0.23
8/31/2008 14:30	2.133	0.23
8/31/2008 14:35	2.131	0.23
8/31/2008 14:40	2.132	0.23
8/31/2008 14:45	2.134	0.23
8/31/2008 14:50	2.134	0.23
8/31/2008 14:55	2.135	0.23
8/31/2008 15:00	2.133	0.23
8/31/2008 15:05	2.133	0.23
8/31/2008 15:10	2.133	0.23
8/31/2008 15:15	2.134	0.23
8/31/2008 15:20	2.132	0.23
8/31/2008 15:25	2.134	0.23
8/31/2008 15:30	2.134	0.23
8/31/2008 15:35	2.135	0.23
8/31/2008 15:40	2.132	0.23
8/31/2008 15:45	2.134	0.23
8/31/2008 15:50	2.134	0.23
8/31/2008 15:55	2.131	0.23
8/31/2008 16:00	2.133	0.23
8/31/2008 16:05	2.132	0.23
8/31/2008 16:10	2.133	0.23
8/31/2008 16:15	2.133	0.23
8/31/2008 16:20	2.132	0.23
8/31/2008 16:25	2.132	0.23
8/31/2008 16:30	2.134	0.23
8/31/2008 16:35	2.133	0.23
8/31/2008 16:40	2.133	0.23
8/31/2008 16:45	2.133	0.23
8/31/2008 16:50	2.132	0.23
8/31/2008 16:55	2.132	0.23
8/31/2008 17:00	2.133	0.23
8/31/2008 17:05	2.134	0.23
8/31/2008 17:10	2.134	0.23
8/31/2008 17:15	2.133	0.23
8/31/2008 17:20	2.133	0.23
8/31/2008 17:25	2.133	-0.23
8/31/2008 17:30	2.131	-0.23
8/31/2008 17:35	2.133	-0.23
8/31/2008 17:40	2.134	-0.23
8/31/2008 17:45	2.133	-0.23
8/31/2008 17:50	2.134	-0.23
8/31/2008 17:55	2.133	-0.23
8/31/2008 18:00	2.134	-0.23

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/31/2008 18:05	2.134	-0.23
8/31/2008 18:10	2.134	-0.23
8/31/2008 18:15	2.134	-0.23
8/31/2008 18:20	2.134	-0.34
8/31/2008 18:25	2.134	-0.34
8/31/2008 18:30	2.133	-0.34
8/31/2008 18:35	2.134	0.27
8/31/2008 18:40	2.134	0.27
8/31/2008 18:45	2.135	0.27
8/31/2008 18:50	2.134	0.27
8/31/2008 18:55	2.134	0.27
8/31/2008 19:00	2.134	0.27
8/31/2008 19:05	2.134	0.27
8/31/2008 19:10	2.134	0.27
8/31/2008 19:15	2.135	0.27
8/31/2008 19:20	2.135	0.27
8/31/2008 19:25	2.135	0.27
8/31/2008 19:30	2.135	0.27
8/31/2008 19:35	2.135	0.27
8/31/2008 19:40	2.135	0.27
8/31/2008 19:45	2.135	0.27
8/31/2008 19:50	2.135	0.27
8/31/2008 19:55	2.136	0.27
8/31/2008 20:00	2.135	0.27
8/31/2008 20:05	2.135	0.27
8/31/2008 20:10	2.135	0.27
8/31/2008 20:15	2.136	0.27
8/31/2008 20:20	2.136	0.27
8/31/2008 20:25	2.136	0.27
8/31/2008 20:30	2.135	0.27
8/31/2008 20:35	2.136	0.27
8/31/2008 20:40	2.136	0.27
8/31/2008 20:45	2.136	0.27
8/31/2008 20:50	2.136	0.27
8/31/2008 20:55	2.136	0.27
8/31/2008 21:00	2.136	0.27
8/31/2008 21:05	2.136	0.27
8/31/2008 21:10	2.136	0.27
8/31/2008 21:15	2.136	0.27
8/31/2008 21:20	2.136	0.27
8/31/2008 21:25	2.136	0.27
8/31/2008 21:30	2.136	0.27
8/31/2008 21:35	2.136	0.27
8/31/2008 21:40	2.136	0.27

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
8/31/2008 21:45	2.137	0.27
8/31/2008 21:50	2.137	0.27
8/31/2008 21:55	2.137	0.27
8/31/2008 22:00	2.137	0.27
8/31/2008 22:05	2.137	0.27
8/31/2008 22:10	2.137	0.27
8/31/2008 22:15	2.137	0.27
8/31/2008 22:20	2.137	0.27
8/31/2008 22:25	2.137	0.27
8/31/2008 22:30	2.137	0.27
8/31/2008 22:35	2.138	0.27
8/31/2008 22:40	2.138	0.27
8/31/2008 22:45	2.138	0.27
8/31/2008 22:50	2.138	0.27
8/31/2008 22:55	2.137	0.27
8/31/2008 23:00	2.137	0.27
8/31/2008 23:05	2.137	0.27
8/31/2008 23:10	2.137	0.27
8/31/2008 23:15	2.137	0.27
8/31/2008 23:20	2.137	0.27
8/31/2008 23:25	2.137	0.27
8/31/2008 23:30	2.138	0.27
8/31/2008 23:35	2.138	0.27
8/31/2008 23:40	2.138	0.27
8/31/2008 23:45	2.138	0.27
8/31/2008 23:50	2.138	0.27
8/31/2008 23:55	2.139	0.27
9/1/2008 0:00	2.139	0.27
9/1/2008 0:05	2.139	0.27
9/1/2008 0:10	2.139	0.66
9/1/2008 0:15	2.14	0.66
9/1/2008 0:20	2.14	0.66
9/1/2008 0:25	2.14	0.66
9/1/2008 0:30	2.14	0.66
9/1/2008 0:35	2.14	0.66
9/1/2008 0:40	2.14	0.66
9/1/2008 0:45	2.14	7.57
9/1/2008 0:50	2.14	7.57
9/1/2008 0:55	2.141	7.57
9/1/2008 1:00	2.141	7.57
9/1/2008 1:05	2.141	7.57
9/1/2008 1:10	2.141	7.57
9/1/2008 1:15	2.141	7.57
9/1/2008 1:20	2.141	7.57

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/1/2008 1:25	2.141	7.57
9/1/2008 1:30	2.141	7.57
9/1/2008 1:35	2.141	7.57
9/1/2008 1:40	2.141	7.57
9/1/2008 1:45	2.142	7.57
9/1/2008 1:50	2.142	7.57
9/1/2008 1:55	2.142	7.57
9/1/2008 2:00	2.141	7.57
9/1/2008 2:05	2.142	7.57
9/1/2008 2:10	2.142	7.57
9/1/2008 2:15	2.142	7.57
9/1/2008 2:20	2.141	7.57
9/1/2008 2:25	2.142	7.57
9/1/2008 2:30	2.142	7.57
9/1/2008 2:35	2.142	7.57
9/1/2008 2:40	2.142	7.57
9/1/2008 2:45	2.142	0.16
9/1/2008 2:50	2.142	0.16
9/1/2008 2:55	2.142	0.16
9/1/2008 3:00	2.142	0.16
9/1/2008 3:05	2.142	0.16
9/1/2008 3:10	2.143	0.16
9/1/2008 3:15	2.142	0.16
9/1/2008 3:20	2.142	0.16
9/1/2008 3:25	2.142	0.16
9/1/2008 3:30	2.142	0.16
9/1/2008 3:35	2.142	-0.45
9/1/2008 3:40	2.142	-0.45
9/1/2008 3:45	2.143	0.19
9/1/2008 3:50	2.142	0.19
9/1/2008 3:55	2.142	0.19
9/1/2008 4:00	2.142	0.19
9/1/2008 4:05	2.143	0.19
9/1/2008 4:10	2.143	0.19
9/1/2008 4:15	2.142	0.19
9/1/2008 4:20	2.142	0.19
9/1/2008 4:25	2.142	0.19
9/1/2008 4:30	2.142	0.2
9/1/2008 4:35	2.142	0.2
9/1/2008 4:40	2.142	0.2
9/1/2008 4:45	2.142	0.2
9/1/2008 4:50	2.142	0.2
9/1/2008 4:55	2.143	0.2
9/1/2008 5:00	2.143	0.2

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/1/2008 5:05	2.142	0.2
9/1/2008 5:10	2.143	0.2
9/1/2008 5:15	2.142	0.2
9/1/2008 5:20	2.143	0.2
9/1/2008 5:25	2.142	0.2
9/1/2008 5:30	2.142	0.2
9/1/2008 5:35	2.142	0.2
9/1/2008 5:40	2.142	0.2
9/1/2008 5:45	2.143	0.2
9/1/2008 5:50	2.142	0.2
9/1/2008 5:55	2.143	0.2
9/1/2008 6:00	2.143	0.2
9/1/2008 6:05	2.143	0.2
9/1/2008 6:10	2.143	0.2
9/1/2008 6:15	2.143	0.2
9/1/2008 6:20	2.143	0.2
9/1/2008 6:25	2.143	0.2
9/1/2008 6:30	2.144	0.2
9/1/2008 6:35	2.144	0.2
9/1/2008 6:40	2.145	0.2
9/1/2008 6:45	2.145	0.2
9/1/2008 6:50	2.145	0.2
9/1/2008 6:55	2.144	0.2
9/1/2008 7:00	2.145	0.2
9/1/2008 7:05	2.145	0.2
9/1/2008 7:10	2.145	0.2
9/1/2008 7:15	2.145	0.2
9/1/2008 7:20	2.145	0.2
9/1/2008 7:25	2.145	0.2
9/1/2008 7:30	2.145	0.2
9/1/2008 7:35	2.145	0.2
9/1/2008 7:40	2.145	0.2
9/1/2008 7:45	2.146	0.2
9/1/2008 7:50	2.145	0.2
9/1/2008 7:55	2.145	0.2
9/1/2008 8:00	2.145	0.2
9/1/2008 8:05	2.146	0.2
9/1/2008 8:10	2.146	0.2
9/1/2008 8:15	2.146	0.2
9/1/2008 8:20	2.146	0.2
9/1/2008 8:25	2.146	0.2
9/1/2008 8:30	2.146	0.2
9/1/2008 8:35	2.147	0.2
9/1/2008 8:40	2.147	0.2

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/1/2008 8:45	2.147	0.2
9/1/2008 8:50	2.147	0.2
9/1/2008 8:55	2.147	0.2
9/1/2008 9:00	2.147	0.2
9/1/2008 9:05	2.147	0.2
9/1/2008 9:10	2.147	0.2
9/1/2008 9:15	2.147	0.2
9/1/2008 9:20	2.148	0.32
9/1/2008 9:25	2.148	0.32
9/1/2008 9:30	2.148	0.32
9/1/2008 9:35	2.148	0.32
9/1/2008 9:40	2.148	0.32
9/1/2008 9:45	2.148	0.32
9/1/2008 9:50	2.148	0.32
9/1/2008 9:55	2.148	0.32
9/1/2008 10:00	2.148	0.32
9/1/2008 10:05	2.149	0.32
9/1/2008 10:10	2.149	0.32
9/1/2008 10:15	2.148	0.32
9/1/2008 10:20	2.148	0.32
9/1/2008 10:25	2.148	0.32
9/1/2008 10:30	2.148	0.32
9/1/2008 10:35	2.148	0.32
9/1/2008 10:40	2.149	0.32
9/1/2008 10:45	2.149	0.32
9/1/2008 10:50	2.147	0.32
9/1/2008 10:55	2.147	0.32
9/1/2008 11:00	2.148	0.32
9/1/2008 11:05	2.148	0.32
9/1/2008 11:10	2.146	0.32
9/1/2008 11:15	2.147	0.32
9/1/2008 11:20	2.147	0.32
9/1/2008 11:25	2.146	0.32
9/1/2008 11:30	2.146	0.32
9/1/2008 11:35	2.147	0.32
9/1/2008 11:40	2.148	0.32
9/1/2008 11:45	2.149	0.32
9/1/2008 11:50	2.147	0.32
9/1/2008 11:55	2.145	0.32
9/1/2008 12:00	2.148	0.32
9/1/2008 12:05	2.149	0.32
9/1/2008 12:10	2.145	0.32
9/1/2008 12:15	2.147	0.32
9/1/2008 12:20	2.142	0.32

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/1/2008 12:25	2.143	0.32
9/1/2008 12:30	2.146	0.32
9/1/2008 12:35	2.142	0.32
9/1/2008 12:40	2.147	0.32
9/1/2008 12:45	2.145	0.32
9/1/2008 12:50	2.145	0.32
9/1/2008 12:55	2.145	0.32
9/1/2008 13:00	2.145	0.32
9/1/2008 13:05	2.144	0.32
9/1/2008 13:10	2.144	0.32
9/1/2008 13:15	2.143	0.32
9/1/2008 13:20	2.143	8.36
9/1/2008 13:25	2.143	8.36
9/1/2008 13:30	2.14	8.36
9/1/2008 13:35	2.14	8.67
9/1/2008 13:40	2.143	8.67
9/1/2008 13:45	2.141	8.67
9/1/2008 13:50	2.144	8.67
9/1/2008 13:55	2.142	10.28
9/1/2008 14:00	2.141	10.28
9/1/2008 14:05	2.142	10.28
9/1/2008 14:10	2.142	10.82
9/1/2008 14:15	2.144	10.82
9/1/2008 14:20	2.142	0.26
9/1/2008 14:25	2.14	0.26
9/1/2008 14:30	2.142	0.26
9/1/2008 14:35	2.143	0.26
9/1/2008 14:40	2.139	0.26
9/1/2008 14:45	2.143	0.26
9/1/2008 14:50	2.141	0.4
9/1/2008 14:55	2.142	0.31
9/1/2008 15:00	2.139	0.31
9/1/2008 15:05	2.137	0.31
9/1/2008 15:10	2.139	0.31
9/1/2008 15:15	2.138	0.31
9/1/2008 15:20	2.139	0.31
9/1/2008 15:25	2.14	0.31
9/1/2008 15:30	2.14	0.26
9/1/2008 15:35	2.137	0.26
9/1/2008 15:40	2.137	1.05
9/1/2008 15:45	2.139	0.3
9/1/2008 15:50	2.139	0.17
9/1/2008 15:55	2.136	0.17
9/1/2008 16:00	2.136	0.17

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/1/2008 16:05	2.137	0.4
9/1/2008 16:10	2.137	0.4
9/1/2008 16:15	2.138	0.4
9/1/2008 16:20	2.134	0.4
9/1/2008 16:25	2.136	0.4
9/1/2008 16:30	2.136	0.4
9/1/2008 16:35	2.138	0.4
9/1/2008 16:40	2.136	0.4
9/1/2008 16:45	2.138	1.06
9/1/2008 16:50	2.135	1.06
9/1/2008 16:55	2.137	1.06
9/1/2008 17:00	2.139	0.21
9/1/2008 17:05	2.136	0.21
9/1/2008 17:10	2.136	0.21
9/1/2008 17:15	2.135	0.21
9/1/2008 17:20	2.135	0.21
9/1/2008 17:25	2.135	0.21
9/1/2008 17:30	2.136	0.21
9/1/2008 17:35	2.131	9
9/1/2008 17:40	2.136	9
9/1/2008 17:45	2.134	9.57
9/1/2008 17:50	2.132	9.57
9/1/2008 17:55	2.134	9.57
9/1/2008 18:00	2.133	0.11
9/1/2008 18:05	2.133	0.11
9/1/2008 18:10	2.134	0.11
9/1/2008 18:15	2.134	0.11
9/1/2008 18:20	2.134	0.11
9/1/2008 18:25	2.133	0.11
9/1/2008 18:30	2.133	0.11
9/1/2008 18:35	2.133	0.11
9/1/2008 18:40	2.133	9.21
9/1/2008 18:45	2.132	9.3
9/1/2008 18:50	2.133	9.3
9/1/2008 18:55	2.133	9.3
9/1/2008 19:00	2.133	9.3
9/1/2008 19:05	2.133	9.3
9/1/2008 19:10	2.133	9.3
9/1/2008 19:15	2.133	8.98
9/1/2008 19:20	2.133	8.98
9/1/2008 19:25	2.133	8.98
9/1/2008 19:30	2.133	8.98
9/1/2008 19:35	2.133	8.98
9/1/2008 19:40	2.133	8.98

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/1/2008 19:45	2.133	8.98
9/1/2008 19:50	2.133	8.98
9/1/2008 19:55	2.133	8.98
9/1/2008 20:00	2.133	8.98
9/1/2008 20:05	2.133	8.98
9/1/2008 20:10	2.133	8.98
9/1/2008 20:15	2.133	8.98
9/1/2008 20:20	2.133	8.98
9/1/2008 20:25	2.133	8.98
9/1/2008 20:30	2.133	8.98
9/1/2008 20:35	2.133	8.98
9/1/2008 20:40	2.133	8.98
9/1/2008 20:45	2.133	8.98
9/1/2008 20:50	2.134	8.98
9/1/2008 20:55	2.134	8.98
9/1/2008 21:00	2.133	8.98
9/1/2008 21:05	2.133	8.98
9/1/2008 21:10	2.134	8.98
9/1/2008 21:15	2.134	8.98
9/1/2008 21:20	2.134	8.98
9/1/2008 21:25	2.135	8.98
9/1/2008 21:30	2.134	8.98
9/1/2008 21:35	2.135	8.98
9/1/2008 21:40	2.135	8.98
9/1/2008 21:45	2.135	8.98
9/1/2008 21:50	2.136	8.98
9/1/2008 21:55	2.135	8.98
9/1/2008 22:00	2.136	8.98
9/1/2008 22:05	2.136	8.98
9/1/2008 22:10	2.137	8.98
9/1/2008 22:15	2.136	8.98
9/1/2008 22:20	2.137	8.98
9/1/2008 22:25	2.137	8.98
9/1/2008 22:30	2.137	8.98
9/1/2008 22:35	2.137	8.98
9/1/2008 22:40	2.138	8.98
9/1/2008 22:45	2.138	8.98
9/1/2008 22:50	2.138	8.98
9/1/2008 22:55	2.138	8.98
9/1/2008 23:00	2.139	8.98
9/1/2008 23:05	2.139	8.98
9/1/2008 23:10	2.139	8.98
9/1/2008 23:15	2.139	8.98
9/1/2008 23:20	2.14	8.98

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/1/2008 23:25	2.14	8.98
9/1/2008 23:30	2.14	8.98
9/1/2008 23:35	2.14	8.98
9/1/2008 23:40	2.14	8.98
9/1/2008 23:45	2.141	8.32
9/1/2008 23:50	2.141	8.32
9/1/2008 23:55	2.14	9.35
9/2/2008 0:00	2.141	9.35
9/2/2008 0:05	2.141	9.35
9/2/2008 0:10	2.141	9.35
9/2/2008 0:15	2.141	9.35
9/2/2008 0:20	2.141	9.35
9/2/2008 0:25	2.142	8.33
9/2/2008 0:30	2.142	8.33
9/2/2008 0:35	2.141	8.33
9/2/2008 0:40	2.141	8.33
9/2/2008 0:45	2.142	8.33
9/2/2008 0:50	2.142	8.33
9/2/2008 0:55	2.142	8.33
9/2/2008 1:00	2.141	8.33
9/2/2008 1:05	2.141	8.33
9/2/2008 1:10	2.141	8.33
9/2/2008 1:15	2.141	8.33
9/2/2008 1:20	2.141	8.33
9/2/2008 1:25	2.141	8.33
9/2/2008 1:30	2.141	8.33
9/2/2008 1:35	2.141	8.33
9/2/2008 1:40	2.141	8.33
9/2/2008 1:45	2.141	8.33
9/2/2008 1:50	2.141	8.33
9/2/2008 1:55	2.141	8.33
9/2/2008 2:00	2.141	8.33
9/2/2008 2:05	2.14	8.33
9/2/2008 2:10	2.141	8.33
9/2/2008 2:15	2.14	8.33
9/2/2008 2:20	2.14	8.33
9/2/2008 2:25	2.14	7.74
9/2/2008 2:30	2.14	7.74
9/2/2008 2:35	2.14	7.74
9/2/2008 2:40	2.14	7.74
9/2/2008 2:45	2.141	7.74
9/2/2008 2:50	2.141	7.74
9/2/2008 2:55	2.141	7.74
9/2/2008 3:00	2.141	8.67

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/2/2008 3:05	2.141	8.67
9/2/2008 3:10	2.142	8.67
9/2/2008 3:15	2.141	8.67
9/2/2008 3:20	2.141	8.67
9/2/2008 3:25	2.141	8.67
9/2/2008 3:30	2.141	8.67
9/2/2008 3:35	2.141	8.67
9/2/2008 3:40	2.142	8.67
9/2/2008 3:45	2.142	8.67
9/2/2008 3:50	2.142	8.67
9/2/2008 3:55	2.142	8.67
9/2/2008 4:00	2.142	8.67
9/2/2008 4:05	2.143	8.67
9/2/2008 4:10	2.143	8.67
9/2/2008 4:15	2.143	8.67
9/2/2008 4:20	2.143	8.67
9/2/2008 4:25	2.143	8.67
9/2/2008 4:30	2.143	8.67
9/2/2008 4:35	2.144	8.67
9/2/2008 4:40	2.144	8.67
9/2/2008 4:45	2.144	8.67
9/2/2008 4:50	2.144	8.67
9/2/2008 4:55	2.144	8.67
9/2/2008 5:00	2.144	8.67
9/2/2008 5:05	2.144	8.67
9/2/2008 5:10	2.144	8.67
9/2/2008 5:15	2.144	8.67
9/2/2008 5:20	2.144	8.67
9/2/2008 5:25	2.144	8.67
9/2/2008 5:30	2.144	8.67
9/2/2008 5:35	2.145	8.67
9/2/2008 5:40	2.144	8.67
9/2/2008 5:45	2.145	8.67
9/2/2008 5:50	2.145	8.67
9/2/2008 5:55	2.145	8.67
9/2/2008 6:00	2.145	8.67
9/2/2008 6:05	2.145	8.67
9/2/2008 6:10	2.145	8.67
9/2/2008 6:15	2.145	8.67
9/2/2008 6:20	2.145	8.67
9/2/2008 6:25	2.145	8.67
9/2/2008 6:30	2.145	8.67
9/2/2008 6:35	2.145	8.67
9/2/2008 6:40	2.145	8.67

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/2/2008 6:45	2.145	8.67
9/2/2008 6:50	2.145	8.67
9/2/2008 6:55	2.144	8.67
9/2/2008 7:00	2.144	8.67
9/2/2008 7:05	2.144	8.67
9/2/2008 7:10	2.144	8.67
9/2/2008 7:15	2.144	8.67
9/2/2008 7:20	2.144	8.67
9/2/2008 7:25	2.144	8.67
9/2/2008 7:30	2.143	8.67
9/2/2008 7:35	2.144	8.67
9/2/2008 7:40	2.144	8.67
9/2/2008 7:45	2.144	12.75
9/2/2008 7:50	2.144	12.75
9/2/2008 7:55	2.144	12.75
9/2/2008 8:00	2.144	12.75
9/2/2008 8:05	2.144	12.75
9/2/2008 8:10	2.144	12.75
9/2/2008 8:15	2.144	12.75
9/2/2008 8:20	2.144	12.75
9/2/2008 8:25	2.144	12.75
9/2/2008 8:30	2.145	12.75
9/2/2008 8:35	2.144	12.75
9/2/2008 8:40	2.143	12.75
9/2/2008 8:45	2.144	12.75
9/2/2008 8:50	2.144	12.75
9/2/2008 8:55	2.144	12.75
9/2/2008 9:00	2.143	12.75
9/2/2008 9:05	2.143	12.75
9/2/2008 9:10	2.143	12.75
9/2/2008 9:15	2.144	12.75
9/2/2008 9:20	2.143	12.75
9/2/2008 9:25	2.143	12.75
9/2/2008 9:30	2.143	12.75
9/2/2008 9:35	2.142	12.75
9/2/2008 9:40	2.143	12.75
9/2/2008 9:45	2.143	12.75
9/2/2008 9:50	2.143	12.75
9/2/2008 9:55	2.144	12.75
9/2/2008 10:00	2.143	12.75
9/2/2008 10:05	2.143	12.75
9/2/2008 10:10	2.143	12.75
9/2/2008 10:15	2.143	12.75
9/2/2008 10:20	2.142	12.75

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/2/2008 10:25	2.142	12.75
9/2/2008 10:30	2.141	12.75
9/2/2008 10:35	2.141	12.75
9/2/2008 10:40	2.141	1.04
9/2/2008 10:45	2.14	1.04
9/2/2008 10:50	2.14	1.04
9/2/2008 10:55	2.14	1.04
9/2/2008 11:00	2.14	1.04
9/2/2008 11:05	2.14	1.04
9/2/2008 11:10	2.14	1.04
9/2/2008 11:15	2.139	1.04
9/2/2008 11:20	2.139	1.04
9/2/2008 11:25	2.139	1.04
9/2/2008 11:30	2.139	1.2
9/2/2008 11:35	2.139	0.19
9/2/2008 11:40	2.138	0.19
9/2/2008 11:45	2.138	0.19
9/2/2008 11:50	2.138	0.98
9/2/2008 11:55	2.139	0.98
9/2/2008 12:00	2.138	0.98
9/2/2008 12:05	2.137	0.98
9/2/2008 12:10	2.138	0.18
9/2/2008 12:15	2.138	0.18
9/2/2008 12:20	2.138	0.18
9/2/2008 12:25	2.137	0.2
9/2/2008 12:30	2.137	0.2
9/2/2008 12:35	2.136	0.2
9/2/2008 12:40	2.136	0.2
9/2/2008 12:45	2.137	0.22
9/2/2008 12:50	2.137	0.18
9/2/2008 12:55	2.137	0.18
9/2/2008 13:00	2.137	0.25
9/2/2008 13:05	2.135	0.25
9/2/2008 13:10	2.136	0.25
9/2/2008 13:15	2.136	0.25
9/2/2008 13:20	2.135	8.95
9/2/2008 13:25	2.135	11.99
9/2/2008 13:30	2.135	8.28
9/2/2008 13:35	2.135	8.28
9/2/2008 13:40	2.135	8.28
9/2/2008 13:45	2.134	10.1
9/2/2008 13:50	2.135	10.1
9/2/2008 13:55	2.134	10.1
9/2/2008 14:00	2.135	10.1

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/2/2008 14:05	2.135	10.1
9/2/2008 14:10	2.134	0.23
9/2/2008 14:15	2.134	0.23
9/2/2008 14:20	2.134	0.23
9/2/2008 14:25	2.133	0.23
9/2/2008 14:30	2.135	0.23
9/2/2008 14:35	2.134	8.28
9/2/2008 14:40	2.133	8.28
9/2/2008 14:45	2.133	8.28
9/2/2008 14:50	2.133	8.28
9/2/2008 14:55	2.132	8.28
9/2/2008 15:00	2.133	0.14
9/2/2008 15:05	2.133	0.14
9/2/2008 15:10	2.133	0.14
9/2/2008 15:15	2.131	0.14
9/2/2008 15:20	2.132	0.14
9/2/2008 15:25	2.132	0.14
9/2/2008 15:30	2.131	0.14
9/2/2008 15:35	2.132	0.14
9/2/2008 15:40	2.132	0.14
9/2/2008 15:45	2.132	0.14
9/2/2008 15:50	2.131	0.14
9/2/2008 15:55	2.131	0.14
9/2/2008 16:00	2.131	0.14
9/2/2008 16:05	2.131	0.29
9/2/2008 16:10	2.131	0.29
9/2/2008 16:15	2.13	0.29
9/2/2008 16:20	2.129	0.29
9/2/2008 16:25	2.13	0.23
9/2/2008 16:30	2.13	0.23
9/2/2008 16:35	2.13	0.23
9/2/2008 16:40	2.131	0.22
9/2/2008 16:45	2.13	0.22
9/2/2008 16:50	2.13	0.47
9/2/2008 16:55	2.129	0.22
9/2/2008 17:00	2.13	0.22
9/2/2008 17:05	2.13	0.22
9/2/2008 17:10	2.129	0.22
9/2/2008 17:15	2.13	0.22
9/2/2008 17:20	2.129	0.22
9/2/2008 17:25	2.13	0.22
9/2/2008 17:30	2.13	0.18
9/2/2008 17:35	2.129	0.18
9/2/2008 17:40	2.129	0.18

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/2/2008 17:45	2.129	0.29
9/2/2008 17:50	2.129	0.29
9/2/2008 17:55	2.13	0.29
9/2/2008 18:00	2.129	0.29
9/2/2008 18:05	2.129	0.42
9/2/2008 18:10	2.129	0.42
9/2/2008 18:15	2.129	0.42
9/2/2008 18:20	2.129	0.42
9/2/2008 18:25	2.129	0.42
9/2/2008 18:30	2.129	0.42
9/2/2008 18:35	2.129	0.42
9/2/2008 18:40	2.129	0.42
9/2/2008 18:45	2.129	0.42
9/2/2008 18:50	2.129	0.42
9/2/2008 18:55	2.129	0.42
9/2/2008 19:00	2.129	0.42
9/2/2008 19:05	2.129	0.42
9/2/2008 19:10	2.13	0.42
9/2/2008 19:15	2.129	0.42
9/2/2008 19:20	2.129	0.42
9/2/2008 19:25	2.129	0.42
9/2/2008 19:30	2.129	0.42
9/2/2008 19:35	2.129	0.42
9/2/2008 19:40	2.129	0.42
9/2/2008 19:45	2.129	0.42
9/2/2008 19:50	2.129	0.42
9/2/2008 19:55	2.129	0.42
9/2/2008 20:00	2.129	0.42
9/2/2008 20:05	2.129	0.42
9/2/2008 20:10	2.129	0.42
9/2/2008 20:15	2.129	0.42
9/2/2008 20:20	2.129	0.42
9/2/2008 20:25	2.129	0.42
9/2/2008 20:30	2.129	0.42
9/2/2008 20:35	2.129	0.42
9/2/2008 20:40	2.129	0.42
9/2/2008 20:45	2.129	0.42
9/2/2008 20:50	2.129	0.42
9/2/2008 20:55	2.129	0.42
9/2/2008 21:00	2.13	0.42
9/2/2008 21:05	2.129	0.42
9/2/2008 21:10	2.13	0.42
9/2/2008 21:15	2.13	0.42
9/2/2008 21:20	2.13	0.42

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/2/2008 21:25	2.13	0.42
9/2/2008 21:30	2.13	0.42
9/2/2008 21:35	2.13	0.42
9/2/2008 21:40	2.131	0.42
9/2/2008 21:45	2.131	0.42
9/2/2008 21:50	2.131	0.42
9/2/2008 21:55	2.131	0.42
9/2/2008 22:00	2.131	0.42
9/2/2008 22:05	2.132	0.42
9/2/2008 22:10	2.132	0.42
9/2/2008 22:15	2.132	0.42
9/2/2008 22:20	2.132	0.42
9/2/2008 22:25	2.132	0.42
9/2/2008 22:30	2.133	0.42
9/2/2008 22:35	2.133	8.27
9/2/2008 22:40	2.133	8.27
9/2/2008 22:45	2.133	8.27
9/2/2008 22:50	2.133	8.27
9/2/2008 22:55	2.134	8.27
9/2/2008 23:00	2.134	8.27
9/2/2008 23:05	2.134	8.27
9/2/2008 23:10	2.134	8.27
9/2/2008 23:15	2.134	8.27
9/2/2008 23:20	2.134	8.27
9/2/2008 23:25	2.134	8.27
9/2/2008 23:30	2.134	8.27
9/2/2008 23:35	2.134	8.27
9/2/2008 23:40	2.134	8.27
9/2/2008 23:45	2.135	8.27
9/2/2008 23:50	2.135	8.27
9/2/2008 23:55	2.135	8.27
9/3/2008 0:00	2.135	8.27
9/3/2008 0:05	2.135	8.27
9/3/2008 0:10	2.135	8.27
9/3/2008 0:15	2.135	8.27
9/3/2008 0:20	2.135	8.27
9/3/2008 0:25	2.135	8.27
9/3/2008 0:30	2.135	8.27
9/3/2008 0:35	2.135	8.27
9/3/2008 0:40	2.135	8.27
9/3/2008 0:45	2.135	8.27
9/3/2008 0:50	2.135	8.27
9/3/2008 0:55	2.134	8.27
9/3/2008 1:00	2.134	8.27

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/3/2008 1:05	2.134	8.27
9/3/2008 1:10	2.134	8.27
9/3/2008 1:15	2.134	8.27
9/3/2008 1:20	2.134	8.27
9/3/2008 1:25	2.134	8.27
9/3/2008 1:30	2.134	8.27
9/3/2008 1:35	2.134	8.27
9/3/2008 1:40	2.134	8.27
9/3/2008 1:45	2.134	8.27
9/3/2008 1:50	2.134	8.27
9/3/2008 1:55	2.134	8.27
9/3/2008 2:00	2.135	8.27
9/3/2008 2:05	2.135	8.27
9/3/2008 2:10	2.134	8.27
9/3/2008 2:15	2.135	8.27
9/3/2008 2:20	2.135	8.27
9/3/2008 2:25	2.135	8.27
9/3/2008 2:30	2.135	8.27
9/3/2008 2:35	2.135	8.27
9/3/2008 2:40	2.135	8.27
9/3/2008 2:45	2.135	8.27
9/3/2008 2:50	2.134	8.27
9/3/2008 2:55	2.134	8.27
9/3/2008 3:00	2.134	8.27
9/3/2008 3:05	2.134	8.27
9/3/2008 3:10	2.134	8.27
9/3/2008 3:15	2.134	8.27
9/3/2008 3:20	2.134	8.27
9/3/2008 3:25	2.134	8.27
9/3/2008 3:30	2.134	8.27
9/3/2008 3:35	2.134	8.27
9/3/2008 3:40	2.135	8.27
9/3/2008 3:45	2.135	8.27
9/3/2008 3:50	2.135	8.27
9/3/2008 3:55	2.135	8.27
9/3/2008 4:00	2.135	8.27
9/3/2008 4:05	2.135	8.27
9/3/2008 4:10	2.135	8.27
9/3/2008 4:15	2.134	8.27
9/3/2008 4:20	2.134	8.27
9/3/2008 4:25	2.135	8.27
9/3/2008 4:30	2.135	8.27
9/3/2008 4:35	2.135	8.27
9/3/2008 4:40	2.135	8.27

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/3/2008 4:45	2.135	8.27
9/3/2008 4:50	2.135	8.27
9/3/2008 4:55	2.135	8.27
9/3/2008 5:00	2.135	8.27
9/3/2008 5:05	2.135	8.27
9/3/2008 5:10	2.135	8.27
9/3/2008 5:15	2.135	8.27
9/3/2008 5:20	2.135	8.27
9/3/2008 5:25	2.135	8.27
9/3/2008 5:30	2.135	8.27
9/3/2008 5:35	2.136	7.62
9/3/2008 5:40	2.136	7.62
9/3/2008 5:45	2.136	7.62
9/3/2008 5:50	2.137	7.62
9/3/2008 5:55	2.137	7.62
9/3/2008 6:00	2.137	7.62
9/3/2008 6:05	2.138	7.65
9/3/2008 6:10	2.138	7.65
9/3/2008 6:15	2.138	7.65
9/3/2008 6:20	2.138	7.65
9/3/2008 6:25	2.138	7.65
9/3/2008 6:30	2.138	7.65
9/3/2008 6:35	2.138	7.65
9/3/2008 6:40	2.139	7.65
9/3/2008 6:45	2.138	7.65
9/3/2008 6:50	2.139	7.65
9/3/2008 6:55	2.138	7.65
9/3/2008 7:00	2.139	7.65
9/3/2008 7:05	2.139	7.65
9/3/2008 7:10	2.139	7.65
9/3/2008 7:15	2.139	7.65
9/3/2008 7:20	2.139	7.65
9/3/2008 7:25	2.139	0.32
9/3/2008 7:30	2.139	0.32
9/3/2008 7:35	2.139	0.32
9/3/2008 7:40	2.139	0.32
9/3/2008 7:45	2.139	0.32
9/3/2008 7:50	2.139	0.32
9/3/2008 7:55	2.139	0.32
9/3/2008 8:00	2.139	0.32
9/3/2008 8:05	2.139	0.18
9/3/2008 8:10	2.139	0.18
9/3/2008 8:15	2.14	0.18
9/3/2008 8:20	2.139	0.18

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/3/2008 8:25	2.14	0.18
9/3/2008 8:30	2.14	0.18
9/3/2008 8:35	2.14	0.18
9/3/2008 8:40	2.14	0.18
9/3/2008 8:45	2.14	0.18
9/3/2008 8:50	2.14	0.18
9/3/2008 8:55	2.141	0.18
9/3/2008 9:00	2.141	0.18
9/3/2008 9:05	2.141	0.18
9/3/2008 9:10	2.141	0.18
9/3/2008 9:15	2.141	0.18
9/3/2008 9:20	2.141	0.18
9/3/2008 9:25	2.141	0.18
9/3/2008 9:30	2.141	0.18
9/3/2008 9:35	2.141	0.18
9/3/2008 9:40	2.141	0.18
9/3/2008 9:45	2.141	0.18
9/3/2008 9:50	2.141	0.18
9/3/2008 9:55	2.141	0.18
9/3/2008 10:00	2.141	0.18
9/3/2008 10:05	2.142	0.18
9/3/2008 10:10	2.142	0.18
9/3/2008 10:15	2.141	0.18
9/3/2008 10:20	2.142	0.18
9/3/2008 10:25	2.142	0.18
9/3/2008 10:30	2.141	0.18
9/3/2008 10:35	2.141	0.18
9/3/2008 10:40	2.142	0.18
9/3/2008 10:45	2.141	0.18
9/3/2008 10:50	2.142	0.18
9/3/2008 10:55	2.142	0.18
9/3/2008 11:00	2.142	0.15
9/3/2008 11:05	2.143	0.15
9/3/2008 11:10	2.142	0.15
9/3/2008 11:15	2.143	0.24
9/3/2008 11:20	2.142	0.24
9/3/2008 11:25	2.142	0.24
9/3/2008 11:30	2.142	0.24
9/3/2008 11:35	2.141	0.24
9/3/2008 11:40	2.141	0.24
9/3/2008 11:45	2.141	0.24
9/3/2008 11:50	2.141	0.24
9/3/2008 11:55	2.14	0.24
9/3/2008 12:00	2.141	0.24

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/3/2008 12:05	2.141	0.24
9/3/2008 12:10	2.14	0.24
9/3/2008 12:15	2.14	0.24
9/3/2008 12:20	2.139	0.24
9/3/2008 12:25	2.138	0.25
9/3/2008 12:30	2.139	0.29
9/3/2008 12:35	2.139	0.29
9/3/2008 12:40	2.139	0.29
9/3/2008 12:45	2.139	0.29
9/3/2008 12:50	2.138	0.29
9/3/2008 12:55	2.138	0.29
9/3/2008 13:00	2.137	0.29
9/3/2008 13:05	2.137	0.29
9/3/2008 13:10	2.137	0.3
9/3/2008 13:15	2.137	0.3
9/3/2008 13:20	2.138	0.3
9/3/2008 13:25	2.136	0.3
9/3/2008 13:30	2.137	0.35
9/3/2008 13:35	2.137	0.35
9/3/2008 13:40	2.138	0.24
9/3/2008 13:45	2.136	0.24
9/3/2008 13:50	2.137	0.4
9/3/2008 13:55	2.137	0.4
9/3/2008 14:00	2.136	0.32
9/3/2008 14:05	2.136	0.32
9/3/2008 14:10	2.136	11.58
9/3/2008 14:15	2.136	11.58
9/3/2008 14:20	2.136	11.58
9/3/2008 14:25	2.135	11.58
9/3/2008 14:30	2.135	11.58
9/3/2008 14:35	2.135	11.58
9/3/2008 14:40	2.135	11.58
9/3/2008 14:45	2.135	11.58
9/3/2008 14:50	2.135	11.58
9/3/2008 14:55	2.135	11.58
9/3/2008 15:00	2.135	11.58
9/3/2008 15:05	2.135	11.58
9/3/2008 15:10	2.135	11.58
9/3/2008 15:15	2.134	11.58
9/3/2008 15:20	2.134	11.58
9/3/2008 15:25	2.134	11.58
9/3/2008 15:30	2.134	11.58
9/3/2008 15:35	2.133	0.51
9/3/2008 15:40	2.133	0.51

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/3/2008 15:45	2.133	0.51
9/3/2008 15:50	2.133	0.51
9/3/2008 15:55	2.133	0.51
9/3/2008 16:00	2.133	0.51
9/3/2008 16:05	2.133	0.51
9/3/2008 16:10	2.133	0.51
9/3/2008 16:15	2.133	0.51
9/3/2008 16:20	2.132	0.51
9/3/2008 16:25	2.133	0.51
9/3/2008 16:30	2.132	0.51
9/3/2008 16:35	2.133	0.51
9/3/2008 16:40	2.133	0.51
9/3/2008 16:45	2.131	0.51
9/3/2008 16:50	2.133	0.39
9/3/2008 16:55	2.132	0.39
9/3/2008 17:00	2.132	0.39
9/3/2008 17:05	2.133	0.39
9/3/2008 17:10	2.133	0.39
9/3/2008 17:15	2.132	0.39
9/3/2008 17:20	2.132	0.39
9/3/2008 17:25	2.132	0.39
9/3/2008 17:30	2.132	0.39
9/3/2008 17:35	2.132	0.39
9/3/2008 17:40	2.132	0.39
9/3/2008 17:45	2.132	0.39
9/3/2008 17:50	2.132	0.39
9/3/2008 17:55	2.132	0.19
9/3/2008 18:00	2.132	0.25
9/3/2008 18:05	2.132	0.25
9/3/2008 18:10	2.133	0.25
9/3/2008 18:15	2.132	0.25
9/3/2008 18:20	2.132	0.25
9/3/2008 18:25	2.132	0.25
9/3/2008 18:30	2.133	0.25
9/3/2008 18:35	2.132	0.25
9/3/2008 18:40	2.133	0.25
9/3/2008 18:45	2.133	0.25
9/3/2008 18:50	2.132	0.25
9/3/2008 18:55	2.133	0.25
9/3/2008 19:00	2.132	0.25
9/3/2008 19:05	2.133	0.25
9/3/2008 19:10	2.132	0.25
9/3/2008 19:15	2.132	0.25
9/3/2008 19:20	2.132	0.25

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/3/2008 19:25	2.132	0.25
9/3/2008 19:30	2.132	0.25
9/3/2008 19:35	2.133	0.25
9/3/2008 19:40	2.133	0.25
9/3/2008 19:45	2.136	0.25
9/3/2008 19:50	2.146	0.25
9/3/2008 19:55	2.154	0.25
9/3/2008 20:00	2.158	0.25
9/3/2008 20:05	2.158	0.25
9/3/2008 20:10	2.156	0.25
9/3/2008 20:15	2.153	0.25
9/3/2008 20:20	2.15	0.25
9/3/2008 20:25	2.148	0.25
9/3/2008 20:30	2.146	0.25
9/3/2008 20:35	2.145	0.25
9/3/2008 20:40	2.144	0.25
9/3/2008 20:45	2.144	0.25
9/3/2008 20:50	2.144	0.25
9/3/2008 20:55	2.144	0.25
9/3/2008 21:00	2.144	0.25
9/3/2008 21:05	2.206	0.25
9/3/2008 21:10	2.585	0.38
9/3/2008 21:15	2.66	0.38
9/3/2008 21:20	2.665	0.38
9/3/2008 21:25	2.617	0.38
9/3/2008 21:30	2.616	0.38
9/3/2008 21:35	2.608	0.38
9/3/2008 21:40	2.548	0.38
9/3/2008 21:45	2.474	0.38
9/3/2008 21:50	2.403	0.16
9/3/2008 21:55	2.345	0.16
9/3/2008 22:00	2.298	0.16
9/3/2008 22:05	2.262	0.16
9/3/2008 22:10	2.236	0.16
9/3/2008 22:15	2.217	0.16
9/3/2008 22:20	2.204	0.16
9/3/2008 22:25	2.195	0.16
9/3/2008 22:30	2.189	0.16
9/3/2008 22:35	2.185	0.16
9/3/2008 22:40	2.182	0.16
9/3/2008 22:45	2.18	0.16
9/3/2008 22:50	2.179	0.16
9/3/2008 22:55	2.179	0.16
9/3/2008 23:00	2.179	0.16

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/3/2008 23:05	2.179	0.16
9/3/2008 23:10	2.179	0.16
9/3/2008 23:15	2.179	0.07
9/3/2008 23:20	2.18	0.07
9/3/2008 23:25	2.181	0.07
9/3/2008 23:30	2.182	0.07
9/3/2008 23:35	2.183	0.07
9/3/2008 23:40	2.184	0.07
9/3/2008 23:45	2.184	0.07
9/3/2008 23:50	2.185	0.07
9/3/2008 23:55	2.186	0.07
9/4/2008 0:00	2.187	0.07
9/4/2008 0:05	2.187	0.07
9/4/2008 0:10	2.188	0.07
9/4/2008 0:15	2.189	0.07
9/4/2008 0:20	2.189	0.07
9/4/2008 0:25	2.189	0.07
9/4/2008 0:30	2.19	0.07
9/4/2008 0:35	2.19	0.07
9/4/2008 0:40	2.19	0.07
9/4/2008 0:45	2.191	0.07
9/4/2008 0:50	2.191	0.07
9/4/2008 0:55	2.192	0.07
9/4/2008 1:00	2.192	0.07
9/4/2008 1:05	2.192	0.07
9/4/2008 1:10	2.191	0.07
9/4/2008 1:15	2.192	0.07
9/4/2008 1:20	2.191	0.09
9/4/2008 1:25	2.191	0.09
9/4/2008 1:30	2.191	0.09
9/4/2008 1:35	2.19	0.09
9/4/2008 1:40	2.19	0.09
9/4/2008 1:45	2.19	0.09
9/4/2008 1:50	2.19	0.09
9/4/2008 1:55	2.19	0.09
9/4/2008 2:00	2.19	0.09
9/4/2008 2:05	2.19	0.09
9/4/2008 2:10	2.189	0.09
9/4/2008 2:15	2.189	0.09
9/4/2008 2:20	2.188	0.09
9/4/2008 2:25	2.188	0.09
9/4/2008 2:30	2.189	0.1
9/4/2008 2:35	2.188	0.1
9/4/2008 2:40	2.187	0.1

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/4/2008 2:45	2.187	0.1
9/4/2008 2:50	2.187	0.11
9/4/2008 2:55	2.187	0.11
9/4/2008 3:00	2.187	0.11
9/4/2008 3:05	2.186	0.11
9/4/2008 3:10	2.186	0.25
9/4/2008 3:15	2.185	0.25
9/4/2008 3:20	2.185	0.25
9/4/2008 3:25	2.184	0.25
9/4/2008 3:30	2.184	0.25
9/4/2008 3:35	2.184	0.25
9/4/2008 3:40	2.184	0.25
9/4/2008 3:45	2.184	0.25
9/4/2008 3:50	2.183	0.25
9/4/2008 3:55	2.183	0.25
9/4/2008 4:00	2.183	0.25
9/4/2008 4:05	2.183	0.25
9/4/2008 4:10	2.183	0.21
9/4/2008 4:15	2.182	0.21
9/4/2008 4:20	2.182	0.21
9/4/2008 4:25	2.182	0.21
9/4/2008 4:30	2.182	0.21
9/4/2008 4:35	2.182	0.21
9/4/2008 4:40	2.182	0.21
9/4/2008 4:45	2.182	0.21
9/4/2008 4:50	2.182	0.21
9/4/2008 4:55	2.182	0.21
9/4/2008 5:00	2.182	0.21
9/4/2008 5:05	2.182	0.21
9/4/2008 5:10	2.182	0.21
9/4/2008 5:15	2.182	0.36
9/4/2008 5:20	2.182	0.36
9/4/2008 5:25	2.181	0.36
9/4/2008 5:30	2.181	-0.38
9/4/2008 5:35	2.18	0.09
9/4/2008 5:40	2.179	0.09
9/4/2008 5:45	2.179	0.09
9/4/2008 5:50	2.178	0.22
9/4/2008 5:55	2.179	0.22
9/4/2008 6:00	2.178	8.84
9/4/2008 6:05	2.178	0.25
9/4/2008 6:10	2.178	-0.19
9/4/2008 6:15	2.177	-0.19
9/4/2008 6:20	2.178	-0.19

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/4/2008 6:25	2.177	-0.19
9/4/2008 6:30	2.177	0.23
9/4/2008 6:35	2.177	0.23
9/4/2008 6:40	2.177	0.23
9/4/2008 6:45	2.177	0.23
9/4/2008 6:50	2.177	0.23
9/4/2008 6:55	2.177	0.23
9/4/2008 7:00	2.176	0.23
9/4/2008 7:05	2.177	0.23
9/4/2008 7:10	2.176	0.23
9/4/2008 7:15	2.176	0.17
9/4/2008 7:20	2.176	0.17
9/4/2008 7:25	2.176	0.17
9/4/2008 7:30	2.176	0.17
9/4/2008 7:35	2.176	0.17
9/4/2008 7:40	2.176	0.53
9/4/2008 7:45	2.176	0.53
9/4/2008 7:50	2.176	0.53
9/4/2008 7:55	2.175	0.53
9/4/2008 8:00	2.175	0.53
9/4/2008 8:05	2.175	0.53
9/4/2008 8:10	2.175	0.53
9/4/2008 8:15	2.175	0.53
9/4/2008 8:20	2.175	0.53
9/4/2008 8:25	2.175	0.53
9/4/2008 8:30	2.175	0.53
9/4/2008 8:35	2.175	0.53
9/4/2008 8:40	2.175	0.53
9/4/2008 8:45	2.175	0.53
9/4/2008 8:50	2.175	0.53
9/4/2008 8:55	2.175	0.53
9/4/2008 9:00	2.175	0.53
9/4/2008 9:05	2.175	0.53
9/4/2008 9:10	2.175	0.53
9/4/2008 9:15	2.174	0.53
9/4/2008 9:20	2.175	0.53
9/4/2008 9:25	2.175	0.53
9/4/2008 9:30	2.174	0.53
9/4/2008 9:35	2.174	0.54
9/4/2008 9:40	2.174	0.54
9/4/2008 9:45	2.174	0.54
9/4/2008 9:50	2.174	0.54
9/4/2008 9:55	2.174	0.54
9/4/2008 10:00	2.174	0.54

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/4/2008 10:05	2.174	0.54
9/4/2008 10:10	2.174	0.54
9/4/2008 10:15	2.174	0.54
9/4/2008 10:20	2.174	0.54
9/4/2008 10:25	2.174	0.54
9/4/2008 10:30	2.174	0.54
9/4/2008 10:35	2.173	0.54
9/4/2008 10:40	2.173	0.54
9/4/2008 10:45	2.173	0.54
9/4/2008 10:50	2.173	0.54
9/4/2008 10:55	2.173	0.54
9/4/2008 11:00	2.172	0.54
9/4/2008 11:05	2.173	0.54
9/4/2008 11:10	2.173	0.08
9/4/2008 11:15	2.173	0.08
9/4/2008 11:20	2.172	9.96
9/4/2008 11:25	2.173	8.64
9/4/2008 11:30	2.173	8.64
9/4/2008 11:35	2.173	8.64
9/4/2008 11:40	2.173	8.64
9/4/2008 11:45	2.172	8.64
9/4/2008 11:50	2.173	8.64
9/4/2008 11:55	2.172	8.64
9/4/2008 12:00	2.172	8.64
9/4/2008 12:05	2.172	8.64
9/4/2008 12:10	2.172	0.77
9/4/2008 12:15	2.173	0.77
9/4/2008 12:20	2.172	0.77
9/4/2008 12:25	2.171	0.77
9/4/2008 12:30	2.172	0.77
9/4/2008 12:35	2.171	0.77
9/4/2008 12:40	2.171	0.77
9/4/2008 12:45	2.171	0.77
9/4/2008 12:50	2.17	12.82
9/4/2008 12:55	2.171	12.82
9/4/2008 13:00	2.171	13.13
9/4/2008 13:05	2.17	6.7
9/4/2008 13:10	2.17	6.7
9/4/2008 13:15	2.17	6.7
9/4/2008 13:20	2.17	6.7
9/4/2008 13:25	2.169	10.33
9/4/2008 13:30	2.169	8.33
9/4/2008 13:35	2.169	7.95
9/4/2008 13:40	2.168	9.67

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/4/2008 13:45	2.169	8.77
9/4/2008 13:50	2.169	11.28
9/4/2008 13:55	2.167	9.92
9/4/2008 14:00	2.167	10.92
9/4/2008 14:05	2.168	10.92
9/4/2008 14:10	2.168	10.92
9/4/2008 14:15	2.166	10.92
9/4/2008 14:20	2.167	10.92
9/4/2008 14:25	2.165	10.92
9/4/2008 14:30	2.166	10.92
9/4/2008 14:35	2.165	10.92
9/4/2008 14:40	2.165	10.92
9/4/2008 14:45	2.164	10.92
9/4/2008 14:50	2.165	10.92
9/4/2008 14:55	2.163	10.92
9/4/2008 15:00	2.163	10.92
9/4/2008 15:05	2.163	10.92
9/4/2008 15:10	2.162	10.92
9/4/2008 15:15	2.161	10.92
9/4/2008 15:20	2.162	10.92
9/4/2008 15:25	2.161	10.92
9/4/2008 15:30	2.161	10.92
9/4/2008 15:35	2.161	10.92
9/4/2008 15:40	2.16	10.92
9/4/2008 15:45	2.16	10.92
9/4/2008 15:50	2.159	10.92
9/4/2008 15:55	2.159	10.92
9/4/2008 16:00	2.159	10.92
9/4/2008 16:05	2.16	10.92
9/4/2008 16:10	2.159	10.92
9/4/2008 16:15	2.158	10.92
9/4/2008 16:20	2.158	10.92
9/4/2008 16:25	2.158	10.92
9/4/2008 16:30	2.158	10.92
9/4/2008 16:35	2.158	10.92
9/4/2008 16:40	2.158	10.92
9/4/2008 16:45	2.158	10.92
9/4/2008 16:50	2.159	10.92
9/4/2008 16:55	2.158	10.92
9/4/2008 17:00	2.158	10.92
9/4/2008 17:05	2.158	10.92
9/4/2008 17:10	2.157	10.92
9/4/2008 17:15	2.158	10.92
9/4/2008 17:20	2.157	10.92

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/4/2008 17:25	2.156	10.92
9/4/2008 17:30	2.157	10.92
9/4/2008 17:35	2.157	10.92
9/4/2008 17:40	2.156	10.92
9/4/2008 17:45	2.156	10.92
9/4/2008 17:50	2.156	10.92
9/4/2008 17:55	2.157	10.92
9/4/2008 18:00	2.156	10.92
9/4/2008 18:05	2.157	10.92
9/4/2008 18:10	2.156	10.92
9/4/2008 18:15	2.156	10.92
9/4/2008 18:20	2.156	10.92
9/4/2008 18:25	2.156	10.92
9/4/2008 18:30	2.156	10.92
9/4/2008 18:35	2.156	10.92
9/4/2008 18:40	2.156	10.92
9/4/2008 18:45	2.156	10.92
9/4/2008 18:50	2.156	10.92
9/4/2008 18:55	2.156	10.92
9/4/2008 19:00	2.156	10.92
9/4/2008 19:05	2.156	10.92
9/4/2008 19:10	2.156	10.92
9/4/2008 19:15	2.156	10.92
9/4/2008 19:20	2.156	10.92
9/4/2008 19:25	2.156	10.92
9/4/2008 19:30	2.156	10.92
9/4/2008 19:35	2.156	10.92
9/4/2008 19:40	2.156	10.92
9/4/2008 19:45	2.156	10.92
9/4/2008 19:50	2.156	10.92
9/4/2008 19:55	2.155	10.92
9/4/2008 20:00	2.155	10.92
9/4/2008 20:05	2.155	10.92
9/4/2008 20:10	2.154	10.92
9/4/2008 20:15	2.155	10.92
9/4/2008 20:20	2.155	10.92
9/4/2008 20:25	2.155	10.92
9/4/2008 20:30	2.155	10.92
9/4/2008 20:35	2.155	10.92
9/4/2008 20:40	2.155	10.92
9/4/2008 20:45	2.155	10.92
9/4/2008 20:50	2.155	10.92
9/4/2008 20:55	2.155	10.92
9/4/2008 21:00	2.155	10.92

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/4/2008 21:05	2.156	10.92
9/4/2008 21:10	2.156	10.92
9/4/2008 21:15	2.156	10.92
9/4/2008 21:20	2.155	10.92
9/4/2008 21:25	2.156	10.92
9/4/2008 21:30	2.156	10.92
9/4/2008 21:35	2.156	10.92
9/4/2008 21:40	2.156	10.92
9/4/2008 21:45	2.156	10.92
9/4/2008 21:50	2.157	10.92
9/4/2008 21:55	2.156	10.92
9/4/2008 22:00	2.157	10.92
9/4/2008 22:05	2.157	10.92
9/4/2008 22:10	2.157	10.92
9/4/2008 22:15	2.157	10.92
9/4/2008 22:20	2.157	10.92
9/4/2008 22:25	2.157	10.92
9/4/2008 22:30	2.157	10.92
9/4/2008 22:35	2.158	10.92
9/4/2008 22:40	2.158	10.92
9/4/2008 22:45	2.158	10.92
9/4/2008 22:50	2.159	10.92
9/4/2008 22:55	2.159	10.92
9/4/2008 23:00	2.159	10.92
9/4/2008 23:05	2.159	10.92
9/4/2008 23:10	2.159	10.92
9/4/2008 23:15	2.159	10.92
9/4/2008 23:20	2.162	10.92
9/4/2008 23:25	2.162	10.92
9/4/2008 23:30	2.162	10.92
9/4/2008 23:35	2.162	10.92
9/4/2008 23:40	2.162	10.92
9/4/2008 23:45	2.162	10.92
9/4/2008 23:50	2.162	10.92
9/4/2008 23:55	2.163	10.92
9/5/2008 0:00	2.163	10.92
9/5/2008 0:05	2.163	10.92
9/5/2008 0:10	2.163	10.92
9/5/2008 0:15	2.163	10.92
9/5/2008 0:20	2.164	10.92
9/5/2008 0:25	2.163	10.92
9/5/2008 0:30	2.163	10.92
9/5/2008 0:35	2.164	10.92
9/5/2008 0:40	2.164	10.92

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/5/2008 0:45	2.164	10.92
9/5/2008 0:50	2.164	10.92
9/5/2008 0:55	2.164	10.92
9/5/2008 1:00	2.164	10.92
9/5/2008 1:05	2.163	10.92
9/5/2008 1:10	2.161	10.92
9/5/2008 1:15	2.161	10.92
9/5/2008 1:20	2.161	10.92
9/5/2008 1:25	2.161	10.92
9/5/2008 1:30	2.161	10.92
9/5/2008 1:35	2.161	10.92
9/5/2008 1:40	2.161	10.92
9/5/2008 1:45	2.161	10.92
9/5/2008 1:50	2.161	10.92
9/5/2008 1:55	2.161	10.92
9/5/2008 2:00	2.161	10.92
9/5/2008 2:05	2.161	10.92
9/5/2008 2:10	2.161	10.92
9/5/2008 2:15	2.161	10.92
9/5/2008 2:20	2.161	10.92
9/5/2008 2:25	2.161	10.92
9/5/2008 2:30	2.162	10.92
9/5/2008 2:35	2.162	10.92
9/5/2008 2:40	2.162	10.92
9/5/2008 2:45	2.162	10.92
9/5/2008 2:50	2.162	10.92
9/5/2008 2:55	2.162	10.92
9/5/2008 3:00	2.162	10.92
9/5/2008 3:05	2.162	10.92
9/5/2008 3:10	2.162	10.92
9/5/2008 3:15	2.163	10.92
9/5/2008 3:20	2.163	10.92
9/5/2008 3:25	2.163	10.92
9/5/2008 3:30	2.163	10.92
9/5/2008 3:35	2.163	10.92
9/5/2008 3:40	2.163	10.92
9/5/2008 3:45	2.163	10.92
9/5/2008 3:50	2.163	10.92
9/5/2008 3:55	2.164	10.92
9/5/2008 4:00	2.164	10.92
9/5/2008 4:05	2.164	10.92
9/5/2008 4:10	2.164	10.92
9/5/2008 4:15	2.164	10.92
9/5/2008 4:20	2.164	10.92

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Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/5/2008 4:25	2.164	10.92
9/5/2008 4:30	2.165	10.92
9/5/2008 4:35	2.164	10.92
9/5/2008 4:40	2.165	10.92
9/5/2008 4:45	2.165	10.92
9/5/2008 4:50	2.165	10.92
9/5/2008 4:55	2.165	10.92
9/5/2008 5:00	2.165	10.92
9/5/2008 5:05	2.165	10.92
9/5/2008 5:10	2.166	10.92
9/5/2008 5:15	2.165	10.92
9/5/2008 5:20	2.166	10.92
9/5/2008 5:25	2.166	10.92
9/5/2008 5:30	2.166	10.92
9/5/2008 5:35	2.166	10.92
9/5/2008 5:40	2.166	10.92
9/5/2008 5:45	2.166	10.92
9/5/2008 5:50	2.166	10.92
9/5/2008 5:55	2.166	10.92
9/5/2008 6:00	2.166	10.92
9/5/2008 6:05	2.167	10.92
9/5/2008 6:10	2.166	10.92
9/5/2008 6:15	2.166	10.92
9/5/2008 6:20	2.165	10.92
9/5/2008 6:25	2.164	10.92
9/5/2008 6:30	2.164	10.92
9/5/2008 6:35	2.164	10.92
9/5/2008 6:40	2.164	10.92
9/5/2008 6:45	2.164	10.92
9/5/2008 6:50	2.164	10.92
9/5/2008 6:55	2.164	10.92
9/5/2008 7:00	2.164	10.92
9/5/2008 7:05	2.164	10.92
9/5/2008 7:10	2.164	10.92
9/5/2008 7:15	2.164	10.92
9/5/2008 7:20	2.164	10.92
9/5/2008 7:25	2.164	10.92
9/5/2008 7:30	2.164	10.92
9/5/2008 7:35	2.165	10.92
9/5/2008 7:40	2.164	10.92
9/5/2008 7:45	2.165	10.92
9/5/2008 7:50	2.164	10.92
9/5/2008 7:55	2.165	10.92
9/5/2008 8:00	2.165	10.92

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Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/5/2008 8:05	2.165	10.92
9/5/2008 8:10	2.165	10.92
9/5/2008 8:15	2.165	10.92
9/5/2008 8:20	2.165	10.92
9/5/2008 8:25	2.165	10.92
9/5/2008 8:30	2.165	10.92
9/5/2008 8:35	2.165	10.92
9/5/2008 8:40	2.165	10.92
9/5/2008 8:45	2.165	10.92
9/5/2008 8:50	2.165	10.92
9/5/2008 8:55	2.165	10.92
9/5/2008 9:00	2.165	10.92
9/5/2008 9:05	2.165	10.92
9/5/2008 9:10	2.165	10.92
9/5/2008 9:15	2.165	10.92
9/5/2008 9:20	2.166	10.92
9/5/2008 9:25	2.165	10.92
9/5/2008 9:30	2.166	10.92
9/5/2008 9:35	2.166	10.92
9/5/2008 9:40	2.166	10.92
9/5/2008 9:45	2.166	10.92
9/5/2008 9:50	2.166	10.92
9/5/2008 9:55	2.166	10.92
9/5/2008 10:00	2.166	10.92
9/5/2008 10:05	2.166	10.92
9/5/2008 10:10	2.166	10.92
9/5/2008 10:15	2.166	10.92
9/5/2008 10:20	2.166	10.92
9/5/2008 10:25	2.166	10.92
9/5/2008 10:30	2.165	10.92
9/5/2008 10:35	2.166	10.92
9/5/2008 10:40	2.166	10.92
9/5/2008 10:45	2.165	10.92
9/5/2008 10:50	2.165	10.92
9/5/2008 10:55	2.165	10.92
9/5/2008 11:00	2.165	10.92
9/5/2008 11:05	2.166	10.92
9/5/2008 11:10	2.165	10.92
9/5/2008 11:15	2.165	10.92
9/5/2008 11:20	2.165	10.92
9/5/2008 11:25	2.165	10.92
9/5/2008 11:30	2.164	10.92
9/5/2008 11:35	2.165	10.92
9/5/2008 11:40	2.164	10.92

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Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/5/2008 11:45	2.164	8.4
9/5/2008 11:50	2.164	12.33
9/5/2008 11:55	2.163	6.91
9/5/2008 12:00	2.163	12.02
9/5/2008 12:05	2.163	8.56
9/5/2008 12:10	2.163	12.01
9/5/2008 12:15	2.162	9.33
9/5/2008 12:20	2.162	8.08
9/5/2008 12:25	2.161	10.28
9/5/2008 12:30	2.161	9.74
9/5/2008 12:35	2.162	11.92
9/5/2008 12:40	2.161	10.74
9/5/2008 12:45	2.161	10.93
9/5/2008 12:50	2.162	7.85
9/5/2008 12:55	2.16	9.46
9/5/2008 13:00	2.16	11.23
9/5/2008 13:05	2.16	10.79
9/5/2008 13:10	2.16	10.79
9/5/2008 13:15	2.159	11.84
9/5/2008 13:20	2.159	8.07
9/5/2008 13:25	2.16	8.07
9/5/2008 13:30	2.159	8.07
9/5/2008 13:35	2.159	7.66
9/5/2008 13:40	2.158	13.11
9/5/2008 13:45	2.159	8.19
9/5/2008 13:50	2.157	8.17
9/5/2008 13:55	2.157	8.17
9/5/2008 14:00	2.157	7.54
9/5/2008 14:05	2.157	8.58
9/5/2008 14:10	2.156	8.58
9/5/2008 14:15	2.156	11.8
9/5/2008 14:20	2.157	11.8
9/5/2008 14:25	2.154	11.8
9/5/2008 14:30	2.154	11.8
9/5/2008 14:35	2.153	11.8
9/5/2008 14:40	2.153	11.8
9/5/2008 14:45	2.155	11.8
9/5/2008 14:50	2.152	11.8
9/5/2008 14:55	2.152	11.8
9/5/2008 15:00	2.151	11.8
9/5/2008 15:05	2.15	11.8
9/5/2008 15:10	2.151	11.8
9/5/2008 15:15	2.15	11.8
9/5/2008 15:20	2.15	11.8

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/5/2008 15:25	2.149	11.8
9/5/2008 15:30	2.148	11.8
9/5/2008 15:35	2.149	11.8
9/5/2008 15:40	2.15	11.8
9/5/2008 15:45	2.149	11.8
9/5/2008 15:50	2.148	11.8
9/5/2008 15:55	2.147	11.8
9/5/2008 16:00	2.149	11.8
9/5/2008 16:05	2.147	11.8
9/5/2008 16:10	2.147	11.8
9/5/2008 16:15	2.147	11.8
9/5/2008 16:20	2.146	11.8
9/5/2008 16:25	2.144	11.8
9/5/2008 16:30	2.145	11.8
9/5/2008 16:35	2.145	11.8
9/5/2008 16:40	2.146	11.8
9/5/2008 16:45	2.145	11.8
9/5/2008 16:50	2.145	11.8
9/5/2008 16:55	2.144	11.8
9/5/2008 17:00	2.144	11.8
9/5/2008 17:05	2.144	11.8
9/5/2008 17:10	2.146	11.8
9/5/2008 17:15	2.143	11.8
9/5/2008 17:20	2.144	11.8
9/5/2008 17:25	2.143	11.8
9/5/2008 17:30	2.144	11.8
9/5/2008 17:35	2.143	11.8
9/5/2008 17:40	2.143	11.8
9/5/2008 17:45	2.143	11.8
9/5/2008 17:50	2.142	11.8
9/5/2008 17:55	2.142	11.8
9/5/2008 18:00	2.142	11.8
9/5/2008 18:05	2.143	11.8
9/5/2008 18:10	2.142	11.8
9/5/2008 18:15	2.143	11.8
9/5/2008 18:20	2.142	11.8
9/5/2008 18:25	2.142	11.8
9/5/2008 18:30	2.142	11.8
9/5/2008 18:35	2.142	11.8
9/5/2008 18:40	2.142	11.8
9/5/2008 18:45	2.142	11.8
9/5/2008 18:50	2.142	11.8
9/5/2008 18:55	2.142	11.8
9/5/2008 19:00	2.142	11.8

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/5/2008 19:05	2.141	11.8
9/5/2008 19:10	2.142	11.8
9/5/2008 19:15	2.142	11.8
9/5/2008 19:20	2.142	11.8
9/5/2008 19:25	2.142	11.8
9/5/2008 19:30	2.142	11.8
9/5/2008 19:35	2.141	11.8
9/5/2008 19:40	2.142	11.8
9/5/2008 19:45	2.141	11.8
9/5/2008 19:50	2.142	11.8
9/5/2008 19:55	2.142	11.8
9/5/2008 20:00	2.142	11.8
9/5/2008 20:05	2.142	11.8
9/5/2008 20:10	2.142	11.8
9/5/2008 20:15	2.142	11.8
9/5/2008 20:20	2.142	11.8
9/5/2008 20:25	2.142	11.8
9/5/2008 20:30	2.142	11.8
9/5/2008 20:35	2.142	11.8
9/5/2008 20:40	2.142	11.8
9/5/2008 20:45	2.142	11.8
9/5/2008 20:50	2.142	11.8
9/5/2008 20:55	2.142	11.8
9/5/2008 21:00	2.143	11.8
9/5/2008 21:05	2.143	11.8
9/5/2008 21:10	2.143	11.8
9/5/2008 21:15	2.143	11.8
9/5/2008 21:20	2.144	11.8
9/5/2008 21:25	2.144	11.8
9/5/2008 21:30	2.145	11.8
9/5/2008 21:35	2.144	11.8
9/5/2008 21:40	2.145	11.8
9/5/2008 21:45	2.145	11.8
9/5/2008 21:50	2.144	11.8
9/5/2008 21:55	2.145	11.8
9/5/2008 22:00	2.145	11.8
9/5/2008 22:05	2.145	11.8
9/5/2008 22:10	2.146	11.8
9/5/2008 22:15	2.145	11.8
9/5/2008 22:20	2.146	11.8
9/5/2008 22:25	2.146	11.8
9/5/2008 22:30	2.146	11.8
9/5/2008 22:35	2.147	11.8
9/5/2008 22:40	2.147	11.8

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/5/2008 22:45	2.147	11.8
9/5/2008 22:50	2.148	11.8
9/5/2008 22:55	2.148	11.8
9/5/2008 23:00	2.148	11.8
9/5/2008 23:05	2.148	11.8
9/5/2008 23:10	2.149	11.8
9/5/2008 23:15	2.149	11.8
9/5/2008 23:20	2.149	11.8
9/5/2008 23:25	2.149	11.8
9/5/2008 23:30	2.149	11.8
9/5/2008 23:35	2.15	11.8
9/5/2008 23:40	2.15	11.8
9/5/2008 23:45	2.15	11.8
9/5/2008 23:50	2.15	11.8
9/5/2008 23:55	2.15	11.8
9/6/2008 0:00	2.15	11.8
9/6/2008 0:05	2.151	11.8
9/6/2008 0:10	2.151	11.8
9/6/2008 0:15	2.151	11.8
9/6/2008 0:20	2.151	11.8
9/6/2008 0:25	2.152	11.8
9/6/2008 0:30	2.153	11.8
9/6/2008 0:35	2.151	11.8
9/6/2008 0:40	2.15	11.8
9/6/2008 0:45	2.15	11.8
9/6/2008 0:50	2.15	11.8
9/6/2008 0:55	2.151	11.8
9/6/2008 1:00	2.151	11.8
9/6/2008 1:05	2.151	11.8
9/6/2008 1:10	2.151	11.8
9/6/2008 1:15	2.151	11.8
9/6/2008 1:20	2.151	11.8
9/6/2008 1:25	2.151	11.8
9/6/2008 1:30	2.151	11.8
9/6/2008 1:35	2.151	11.8
9/6/2008 1:40	2.151	11.8
9/6/2008 1:45	2.151	11.8
9/6/2008 1:50	2.151	11.8
9/6/2008 1:55	2.151	11.8
9/6/2008 2:00	2.152	11.8
9/6/2008 2:05	2.152	11.8
9/6/2008 2:10	2.152	11.8
9/6/2008 2:15	2.153	11.8
9/6/2008 2:20	2.153	11.8

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/6/2008 2:25	2.153	11.8
9/6/2008 2:30	2.153	11.8
9/6/2008 2:35	2.153	11.8
9/6/2008 2:40	2.153	11.8
9/6/2008 2:45	2.153	11.8
9/6/2008 2:50	2.153	11.8
9/6/2008 2:55	2.153	11.8
9/6/2008 3:00	2.153	11.8
9/6/2008 3:05	2.153	11.8
9/6/2008 3:10	2.154	11.8
9/6/2008 3:15	2.154	11.8
9/6/2008 3:20	2.154	11.8
9/6/2008 3:25	2.154	11.8
9/6/2008 3:30	2.154	11.8
9/6/2008 3:35	2.154	11.8
9/6/2008 3:40	2.154	11.8
9/6/2008 3:45	2.153	11.8
9/6/2008 3:50	2.152	11.8
9/6/2008 3:55	2.152	11.8
9/6/2008 4:00	2.152	11.8
9/6/2008 4:05	2.152	11.8
9/6/2008 4:10	2.152	11.8
9/6/2008 4:15	2.152	11.8
9/6/2008 4:20	2.153	11.8
9/6/2008 4:25	2.154	11.8
9/6/2008 4:30	2.191	11.8
9/6/2008 4:35	2.329	11.8
9/6/2008 4:40	2.917	0.5
9/6/2008 4:45	3.062	0.76
9/6/2008 4:50	2.997	0.63
9/6/2008 4:55	2.897	0.51
9/6/2008 5:00	2.793	0.45
9/6/2008 5:05	2.702	0.45
9/6/2008 5:10	2.638	0.33
9/6/2008 5:15	2.594	0.31
9/6/2008 5:20	2.569	0.33
9/6/2008 5:25	2.561	0.31
9/6/2008 5:30	2.549	0.31
9/6/2008 5:35	2.536	0.27
9/6/2008 5:40	2.586	0.32
9/6/2008 5:45	2.644	0.32
9/6/2008 5:50	2.642	0.32
9/6/2008 5:55	2.611	0.35
9/6/2008 6:00	2.75	0.43

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Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/6/2008 6:05	2.849	0.63
9/6/2008 6:10	2.812	0.5
9/6/2008 6:15	2.738	0.46
9/6/2008 6:20	2.678	0.34
9/6/2008 6:25	2.633	0.33
9/6/2008 6:30	2.602	0.32
9/6/2008 6:35	2.575	0.31
9/6/2008 6:40	2.544	0.26
9/6/2008 6:45	2.513	0.26
9/6/2008 6:50	2.484	0.22
9/6/2008 6:55	2.46	0.2
9/6/2008 7:00	2.442	0.2
9/6/2008 7:05	2.428	0.22
9/6/2008 7:10	2.419	0.22
9/6/2008 7:15	2.412	0.56
9/6/2008 7:20	2.409	0.2
9/6/2008 7:25	2.406	0.2
9/6/2008 7:30	2.405	0.2
9/6/2008 7:35	2.406	0.19
9/6/2008 7:40	2.407	0.19
9/6/2008 7:45	2.409	0.19
9/6/2008 7:50	2.41	0.19
9/6/2008 7:55	2.413	0.19
9/6/2008 8:00	2.413	0.19
9/6/2008 8:05	2.414	0.19
9/6/2008 8:10	2.416	0.19
9/6/2008 8:15	2.418	0.19
9/6/2008 8:20	2.42	0.19
9/6/2008 8:25	2.422	0.19
9/6/2008 8:30	2.423	0.19
9/6/2008 8:35	2.424	0.19
9/6/2008 8:40	2.424	0.19
9/6/2008 8:45	2.424	0.19
9/6/2008 8:50	2.425	0.19
9/6/2008 8:55	2.425	0.19
9/6/2008 9:00	2.426	0.19
9/6/2008 9:05	2.426	0.19
9/6/2008 9:10	2.426	0.19
9/6/2008 9:15	2.426	0.19
9/6/2008 9:20	2.427	0.18
9/6/2008 9:25	2.426	0.62
9/6/2008 9:30	2.427	0.62
9/6/2008 9:35	2.426	0.62
9/6/2008 9:40	2.426	0.62

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/6/2008 9:45	2.425	0.2
9/6/2008 9:50	2.425	0.2
9/6/2008 9:55	2.424	0.2
9/6/2008 10:00	2.424	0.2
9/6/2008 10:05	2.423	0.22
9/6/2008 10:10	2.424	0.22
9/6/2008 10:15	2.423	0.22
9/6/2008 10:20	2.422	0.22
9/6/2008 10:25	2.422	0.22
9/6/2008 10:30	2.422	0.23
9/6/2008 10:35	2.422	0.23
9/6/2008 10:40	2.421	0.23
9/6/2008 10:45	2.421	0.21
9/6/2008 10:50	2.42	0.21
9/6/2008 10:55	2.419	0.21
9/6/2008 11:00	2.419	0.21
9/6/2008 11:05	2.418	0.22
9/6/2008 11:10	2.418	0.22
9/6/2008 11:15	2.418	0.22
9/6/2008 11:20	2.418	0.22
9/6/2008 11:25	2.417	0.22
9/6/2008 11:30	2.417	0.54
9/6/2008 11:35	2.416	0.54
9/6/2008 11:40	2.415	0.54
9/6/2008 11:45	2.415	0.54
9/6/2008 11:50	2.414	0.54
9/6/2008 11:55	2.414	0.54
9/6/2008 12:00	2.413	0.64
9/6/2008 12:05	2.413	0.64
9/6/2008 12:10	2.413	0.64
9/6/2008 12:15	2.413	0.64
9/6/2008 12:20	2.412	0.23
9/6/2008 12:25	2.411	0.23
9/6/2008 12:30	2.411	0.23
9/6/2008 12:35	2.41	0.23
9/6/2008 12:40	2.41	0.23
9/6/2008 12:45	2.41	0.23
9/6/2008 12:50	2.409	0.23
9/6/2008 12:55	2.408	0.23
9/6/2008 13:00	2.408	0.23
9/6/2008 13:05	2.407	0.23
9/6/2008 13:10	2.407	0.23
9/6/2008 13:15	2.407	0.23
9/6/2008 13:20	2.406	0.23

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/6/2008 13:25	2.406	0.23
9/6/2008 13:30	2.405	0.23
9/6/2008 13:35	2.405	0.23
9/6/2008 13:40	2.405	0.23
9/6/2008 13:45	2.405	0.23
9/6/2008 13:50	2.404	0.78
9/6/2008 13:55	2.404	0.78
9/6/2008 14:00	2.403	0.78
9/6/2008 14:05	2.403	0.78
9/6/2008 14:10	2.402	0.78
9/6/2008 14:15	2.402	0.78
9/6/2008 14:20	2.401	0.78
9/6/2008 14:25	2.401	0.78
9/6/2008 14:30	2.401	0.78
9/6/2008 14:35	2.4	0.78
9/6/2008 14:40	2.4	0.78
9/6/2008 14:45	2.399	0.78
9/6/2008 14:50	2.399	0.78
9/6/2008 14:55	2.399	0.78
9/6/2008 15:00	2.398	0.78
9/6/2008 15:05	2.398	0.78
9/6/2008 15:10	2.397	0.78
9/6/2008 15:15	2.397	0.78
9/6/2008 15:20	2.397	0.78
9/6/2008 15:25	2.395	0.78
9/6/2008 15:30	2.395	0.78
9/6/2008 15:35	2.395	0.78
9/6/2008 15:40	2.395	0.78
9/6/2008 15:45	2.394	0.78
9/6/2008 15:50	2.394	0.78
9/6/2008 15:55	2.393	0.78
9/6/2008 16:00	2.394	0.78
9/6/2008 16:05	2.394	0.78
9/6/2008 16:10	2.394	0.78
9/6/2008 16:15	2.393	0.78
9/6/2008 16:20	2.392	0.78
9/6/2008 16:25	2.392	0.78
9/6/2008 16:30	2.392	0.78
9/6/2008 16:35	2.392	0.78
9/6/2008 16:40	2.392	0.78
9/6/2008 16:45	2.392	0.78
9/6/2008 16:50	2.392	0.78
9/6/2008 16:55	2.392	0.78
9/6/2008 17:00	2.392	0.78

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/6/2008 17:05	2.391	0.78
9/6/2008 17:10	2.392	0.78
9/6/2008 17:15	2.392	0.78
9/6/2008 17:20	2.394	0.78
9/6/2008 17:25	2.402	0.78
9/6/2008 17:30	2.414	0.78
9/6/2008 17:35	2.427	0.78
9/6/2008 17:40	2.442	0.78
9/6/2008 17:45	2.449	0.78
9/6/2008 17:50	2.454	0.78
9/6/2008 17:55	2.468	0.78
9/6/2008 18:00	2.492	0.3
9/6/2008 18:05	2.502	0.25
9/6/2008 18:10	2.509	0.25
9/6/2008 18:15	2.526	0.25
9/6/2008 18:20	2.536	0.32
9/6/2008 18:25	2.537	0.33
9/6/2008 18:30	2.54	0.33
9/6/2008 18:35	2.541	0.33
9/6/2008 18:40	2.548	0.32
9/6/2008 18:45	2.56	0.32
9/6/2008 18:50	2.609	0.32
9/6/2008 18:55	2.676	0.43
9/6/2008 19:00	2.72	0.44
9/6/2008 19:05	2.808	0.44
9/6/2008 19:10	2.924	0.44
9/6/2008 19:15	2.974	0.59
9/6/2008 19:20	2.983	0.59
9/6/2008 19:25	2.998	0.67
9/6/2008 19:30	3.016	0.68
9/6/2008 19:35	3.054	0.69
9/6/2008 19:40	3.066	0.8
9/6/2008 19:45	3.058	0.69
9/6/2008 19:50	3.048	0.63
9/6/2008 19:55	3.039	0.68
9/6/2008 20:00	3.029	0.68
9/6/2008 20:05	3.024	0.66
9/6/2008 20:10	3.017	0.69
9/6/2008 20:15	3.009	0.6
9/6/2008 20:20	2.999	0.72
9/6/2008 20:25	2.993	0.69
9/6/2008 20:30	2.982	0.7
9/6/2008 20:35	2.948	0.63
9/6/2008 20:40	2.904	0.66

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/6/2008 20:45	2.87	0.55
9/6/2008 20:50	2.864	0.58
9/6/2008 20:55	2.911	0.67
9/6/2008 21:00	2.982	0.71
9/6/2008 21:05	3.043	0.77
9/6/2008 21:10	3.061	0.73
9/6/2008 21:15	3.074	0.88
9/6/2008 21:20	3.091	0.84
9/6/2008 21:25	3.093	0.91
9/6/2008 21:30	3.144	0.85
9/6/2008 21:35	3.206	0.87
9/6/2008 21:40	3.234	0.9
9/6/2008 21:45	3.253	1.02
9/6/2008 21:50	3.267	1.02
9/6/2008 21:55	3.295	1.13
9/6/2008 22:00	3.326	1.13
9/6/2008 22:05	3.346	1.05
9/6/2008 22:10	3.352	1.15
9/6/2008 22:15	3.357	1.19
9/6/2008 22:20	3.342	1.19
9/6/2008 22:25	3.313	1.25
9/6/2008 22:30	3.281	1.18
9/6/2008 22:35	3.263	1.17
9/6/2008 22:40	3.319	1.21
9/6/2008 22:45	3.369	1.16
9/6/2008 22:50	3.384	1.18
9/6/2008 22:55	3.375	1.38
9/6/2008 23:00	3.379	1.23
9/6/2008 23:05	3.4	1.42
9/6/2008 23:10	3.384	1.33
9/6/2008 23:15	3.358	1.41
9/6/2008 23:20	3.357	1.39
9/6/2008 23:25	3.381	1.46
9/6/2008 23:30	3.375	1.47
9/6/2008 23:35	3.36	1.52
9/6/2008 23:40	3.352	1.39
9/6/2008 23:45	3.347	1.39
9/6/2008 23:50	3.339	1.33
9/6/2008 23:55	3.324	1.3
9/7/2008 0:00	3.323	1.26
9/7/2008 0:05	3.305	1.17
9/7/2008 0:10	3.289	1.21
9/7/2008 0:15	3.279	1.2
9/7/2008 0:20	3.27	1.26

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/7/2008 0:25	3.265	1.16
9/7/2008 0:30	3.259	1.2
9/7/2008 0:35	3.257	1.13
9/7/2008 0:40	3.26	1.18
9/7/2008 0:45	3.26	1.04
9/7/2008 0:50	3.262	1.23
9/7/2008 0:55	3.263	1.18
9/7/2008 1:00	3.263	1.19
9/7/2008 1:05	3.263	1.14
9/7/2008 1:10	3.262	1.11
9/7/2008 1:15	3.261	1.05
9/7/2008 1:20	3.26	1.13
9/7/2008 1:25	3.259	1
9/7/2008 1:30	3.258	1.07
9/7/2008 1:35	3.259	1.12
9/7/2008 1:40	3.258	1.32
9/7/2008 1:45	3.256	1.13
9/7/2008 1:50	3.256	1.19
9/7/2008 1:55	3.255	1.19
9/7/2008 2:00	3.254	1.19
9/7/2008 2:05	3.254	1.17
9/7/2008 2:10	3.256	1.19
9/7/2008 2:15	3.257	1.16
9/7/2008 2:20	3.256	1.29
9/7/2008 2:25	3.257	1.09
9/7/2008 2:30	3.254	1.16
9/7/2008 2:35	3.255	1.36
9/7/2008 2:40	3.256	1.13
9/7/2008 2:45	3.254	1.12
9/7/2008 2:50	3.255	1.09
9/7/2008 2:55	3.255	1.19
9/7/2008 3:00	3.254	1.1
9/7/2008 3:05	3.255	1.09
9/7/2008 3:10	3.255	1.09
9/7/2008 3:15	3.255	1.16
9/7/2008 3:20	3.253	1.2
9/7/2008 3:25	3.254	1.2
9/7/2008 3:30	3.256	1.21
9/7/2008 3:35	3.254	1.21
9/7/2008 3:40	3.254	1.14
9/7/2008 3:45	3.254	1.14
9/7/2008 3:50	3.254	1.14
9/7/2008 3:55	3.255	1.14
9/7/2008 4:00	3.256	1.14

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/7/2008 4:05	3.254	1.12
9/7/2008 4:10	3.253	1.12
9/7/2008 4:15	3.253	1.12
9/7/2008 4:20	3.255	1.12
9/7/2008 4:25	3.254	1.16
9/7/2008 4:30	3.252	1.1
9/7/2008 4:35	3.253	1.1
9/7/2008 4:40	3.256	1.1
9/7/2008 4:45	3.253	1.1
9/7/2008 4:50	3.254	1.1
9/7/2008 4:55	3.254	1.1
9/7/2008 5:00	3.255	1.1
9/7/2008 5:05	3.254	1.1
9/7/2008 5:10	3.253	1.1
9/7/2008 5:15	3.254	1.1
9/7/2008 5:20	3.253	1.1
9/7/2008 5:25	3.254	1.1
9/7/2008 5:30	3.254	1.1
9/7/2008 5:35	3.255	1.1
9/7/2008 5:40	3.256	1.1
9/7/2008 5:45	3.256	1.1
9/7/2008 5:50	3.257	1.1
9/7/2008 5:55	3.258	1.1
9/7/2008 6:00	3.256	1.1
9/7/2008 6:05	3.257	1.1
9/7/2008 6:10	3.256	1.1
9/7/2008 6:15	3.256	1.1
9/7/2008 6:20	3.258	1.16
9/7/2008 6:25	3.256	1.16
9/7/2008 6:30	3.258	1.16
9/7/2008 6:35	3.259	1.16
9/7/2008 6:40	3.256	1.16
9/7/2008 6:45	3.256	1.16
9/7/2008 6:50	3.256	1.16
9/7/2008 6:55	3.256	1.16
9/7/2008 7:00	3.254	1.16
9/7/2008 7:05	3.256	1.16
9/7/2008 7:10	3.254	1.16
9/7/2008 7:15	3.256	1.16
9/7/2008 7:20	3.253	1.16
9/7/2008 7:25	3.255	1.16
9/7/2008 7:30	3.256	1.16
9/7/2008 7:35	3.255	1.16
9/7/2008 7:40	3.255	1.16

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/7/2008 7:45	3.256	1.16
9/7/2008 7:50	3.257	1.16
9/7/2008 7:55	3.254	1.16
9/7/2008 8:00	3.254	1.16
9/7/2008 8:05	3.254	1.16
9/7/2008 8:10	3.251	1.16
9/7/2008 8:15	3.253	1.16
9/7/2008 8:20	3.253	1.16
9/7/2008 8:25	3.253	1.16
9/7/2008 8:30	3.253	1.16
9/7/2008 8:35	3.251	1.16
9/7/2008 8:40	3.247	1.16
9/7/2008 8:45	3.248	1.16
9/7/2008 8:50	3.248	1.16
9/7/2008 8:55	3.248	1.16
9/7/2008 9:00	3.242	1.16
9/7/2008 9:05	3.244	1.16
9/7/2008 9:10	3.246	1.16
9/7/2008 9:15	3.243	1.16
9/7/2008 9:20	3.243	1.16
9/7/2008 9:25	3.241	1.16
9/7/2008 9:30	3.239	1.16
9/7/2008 9:35	3.24	1.16
9/7/2008 9:40	3.239	1.07
9/7/2008 9:45	3.238	1.07
9/7/2008 9:50	3.239	1.07
9/7/2008 9:55	3.238	1.07
9/7/2008 10:00	3.236	1.07
9/7/2008 10:05	3.235	1.07
9/7/2008 10:10	3.233	1.07
9/7/2008 10:15	3.232	1.08
9/7/2008 10:20	3.231	1.08
9/7/2008 10:25	3.233	1.08
9/7/2008 10:30	3.23	1.08
9/7/2008 10:35	3.229	1.08
9/7/2008 10:40	3.23	1.07
9/7/2008 10:45	3.227	1.07
9/7/2008 10:50	3.227	1.07
9/7/2008 10:55	3.226	0.99
9/7/2008 11:00	3.224	0.99
9/7/2008 11:05	3.223	0.99
9/7/2008 11:10	3.222	0.99
9/7/2008 11:15	3.221	1.06
9/7/2008 11:20	3.221	1.06

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/7/2008 11:25	3.219	1.06
9/7/2008 11:30	3.218	1.06
9/7/2008 11:35	3.215	1.06
9/7/2008 11:40	3.217	1.06
9/7/2008 11:45	3.216	1.16
9/7/2008 11:50	3.21	1.16
9/7/2008 11:55	3.211	0.98
9/7/2008 12:00	3.211	1.11
9/7/2008 12:05	3.209	1.07
9/7/2008 12:10	3.208	1.07
9/7/2008 12:15	3.207	1.07
9/7/2008 12:20	3.206	1.03
9/7/2008 12:25	3.204	1.03
9/7/2008 12:30	3.201	1.03
9/7/2008 12:35	3.201	1.05
9/7/2008 12:40	3.199	1.14
9/7/2008 12:45	3.199	1.01
9/7/2008 12:50	3.198	1.08
9/7/2008 12:55	3.195	1.08
9/7/2008 13:00	3.195	1.08
9/7/2008 13:05	3.193	1.02
9/7/2008 13:10	3.191	1.02
9/7/2008 13:15	3.19	1.18
9/7/2008 13:20	3.189	1.1
9/7/2008 13:25	3.187	1.1
9/7/2008 13:30	3.186	1.1
9/7/2008 13:35	3.183	1.1
9/7/2008 13:40	3.183	1.1
9/7/2008 13:45	3.182	1.1
9/7/2008 13:50	3.181	1.1
9/7/2008 13:55	3.18	1.1
9/7/2008 14:00	3.179	1.1
9/7/2008 14:05	3.177	1.1
9/7/2008 14:10	3.174	1.1
9/7/2008 14:15	3.173	1.1
9/7/2008 14:20	3.172	1.1
9/7/2008 14:25	3.171	1.1
9/7/2008 14:30	3.167	1.1
9/7/2008 14:35	3.167	1.1
9/7/2008 14:40	3.165	1.1
9/7/2008 14:45	3.163	1.1
9/7/2008 14:50	3.161	1.1
9/7/2008 14:55	3.159	1.1
9/7/2008 15:00	3.157	1.1

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/7/2008 15:05	3.155	1.1
9/7/2008 15:10	3.155	1.1
9/7/2008 15:15	3.152	1.1
9/7/2008 15:20	3.15	1.1
9/7/2008 15:25	3.147	1.1
9/7/2008 15:30	3.147	1.1
9/7/2008 15:35	3.145	1.1
9/7/2008 15:40	3.145	1.1
9/7/2008 15:45	3.144	1.1
9/7/2008 15:50	3.139	1.1
9/7/2008 15:55	3.138	0.89
9/7/2008 16:00	3.137	0.89
9/7/2008 16:05	3.136	0.89
9/7/2008 16:10	3.134	0.89
9/7/2008 16:15	3.131	0.89
9/7/2008 16:20	3.13	0.89
9/7/2008 16:25	3.13	0.89
9/7/2008 16:30	3.126	0.89
9/7/2008 16:35	3.125	0.89
9/7/2008 16:40	3.124	0.89
9/7/2008 16:45	3.122	0.89
9/7/2008 16:50	3.119	0.89
9/7/2008 16:55	3.119	0.89
9/7/2008 17:00	3.115	0.89
9/7/2008 17:05	3.114	0.89
9/7/2008 17:10	3.112	0.89
9/7/2008 17:15	3.111	0.89
9/7/2008 17:20	3.108	0.89
9/7/2008 17:25	3.106	0.89
9/7/2008 17:30	3.105	0.89
9/7/2008 17:35	3.104	0.89
9/7/2008 17:40	3.104	0.89
9/7/2008 17:45	3.101	0.89
9/7/2008 17:50	3.099	0.89
9/7/2008 17:55	3.098	0.89
9/7/2008 18:00	3.095	0.89
9/7/2008 18:05	3.094	0.89
9/7/2008 18:10	3.092	0.89
9/7/2008 18:15	3.09	0.89
9/7/2008 18:20	3.089	0.89
9/7/2008 18:25	3.086	0.89
9/7/2008 18:30	3.085	0.89
9/7/2008 18:35	3.083	0.89
9/7/2008 18:40	3.081	0.89

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/7/2008 18:45	3.08	0.89
9/7/2008 18:50	3.076	0.89
9/7/2008 18:55	3.077	0.89
9/7/2008 19:00	3.074	0.89
9/7/2008 19:05	3.072	0.89
9/7/2008 19:10	3.07	0.89
9/7/2008 19:15	3.069	0.89
9/7/2008 19:20	3.067	0.89
9/7/2008 19:25	3.065	0.89
9/7/2008 19:30	3.062	0.89
9/7/2008 19:35	3.06	0.89
9/7/2008 19:40	3.059	0.89
9/7/2008 19:45	3.057	0.89
9/7/2008 19:50	3.055	0.89
9/7/2008 19:55	3.054	0.89
9/7/2008 20:00	3.051	0.89
9/7/2008 20:05	3.05	0.89
9/7/2008 20:10	3.047	0.89
9/7/2008 20:15	3.046	0.89
9/7/2008 20:20	3.044	0.89
9/7/2008 20:25	3.042	0.89
9/7/2008 20:30	3.04	0.89
9/7/2008 20:35	3.04	0.89
9/7/2008 20:40	3.037	0.89
9/7/2008 20:45	3.035	0.89
9/7/2008 20:50	3.033	0.89
9/7/2008 20:55	3.032	0.89
9/7/2008 21:00	3.031	0.89
9/7/2008 21:05	3.028	0.89
9/7/2008 21:10	3.026	0.89
9/7/2008 21:15	3.024	0.89
9/7/2008 21:20	3.021	0.89
9/7/2008 21:25	3.02	0.89
9/7/2008 21:30	3.018	0.89
9/7/2008 21:35	3.016	0.89
9/7/2008 21:40	3.014	0.89
9/7/2008 21:45	3.012	0.89
9/7/2008 21:50	3.011	0.89
9/7/2008 21:55	3.009	0.89
9/7/2008 22:00	3.008	0.89
9/7/2008 22:05	3.005	0.89
9/7/2008 22:10	3.003	0.89
9/7/2008 22:15	3.002	0.89
9/7/2008 22:20	2.999	0.89

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/7/2008 22:25	2.997	0.89
9/7/2008 22:30	2.996	0.89
9/7/2008 22:35	2.994	0.89
9/7/2008 22:40	2.993	0.89
9/7/2008 22:45	2.99	0.89
9/7/2008 22:50	2.988	0.89
9/7/2008 22:55	2.987	0.89
9/7/2008 23:00	2.984	0.89
9/7/2008 23:05	2.982	0.89
9/7/2008 23:10	2.98	0.89
9/7/2008 23:15	2.978	0.89
9/7/2008 23:20	2.976	0.89
9/7/2008 23:25	2.973	0.89
9/7/2008 23:30	2.972	0.89
9/7/2008 23:35	2.97	0.89
9/7/2008 23:40	2.969	0.89
9/7/2008 23:45	2.966	0.89
9/7/2008 23:50	2.962	0.89
9/7/2008 23:55	2.962	0.89
9/8/2008 0:00	2.959	0.89
9/8/2008 0:05	2.957	0.89
9/8/2008 0:10	2.955	0.89
9/8/2008 0:15	2.953	0.89
9/8/2008 0:20	2.952	0.89
9/8/2008 0:25	2.95	0.89
9/8/2008 0:30	2.946	0.89
9/8/2008 0:35	2.944	0.89
9/8/2008 0:40	2.943	0.89
9/8/2008 0:45	2.941	0.89
9/8/2008 0:50	2.938	0.89
9/8/2008 0:55	2.936	0.89
9/8/2008 1:00	2.935	0.89
9/8/2008 1:05	2.932	0.89
9/8/2008 1:10	2.931	0.89
9/8/2008 1:15	2.929	0.89
9/8/2008 1:20	2.926	0.89
9/8/2008 1:25	2.925	0.89
9/8/2008 1:30	2.922	0.89
9/8/2008 1:35	2.92	0.89
9/8/2008 1:40	2.918	0.89
9/8/2008 1:45	2.916	0.89
9/8/2008 1:50	2.914	0.89
9/8/2008 1:55	2.912	0.89
9/8/2008 2:00	2.911	0.89

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/8/2008 2:05	2.907	0.89
9/8/2008 2:10	2.906	0.89
9/8/2008 2:15	2.904	0.89
9/8/2008 2:20	2.902	0.89
9/8/2008 2:25	2.9	0.89
9/8/2008 2:30	2.898	0.89
9/8/2008 2:35	2.897	0.89
9/8/2008 2:40	2.894	0.89
9/8/2008 2:45	2.893	0.89
9/8/2008 2:50	2.891	0.63
9/8/2008 2:55	2.89	0.56
9/8/2008 3:00	2.889	0.61
9/8/2008 3:05	2.885	0.6
9/8/2008 3:10	2.884	0.67
9/8/2008 3:15	2.882	0.63
9/8/2008 3:20	2.88	0.63
9/8/2008 3:25	2.878	0.62
9/8/2008 3:30	2.876	0.55
9/8/2008 3:35	2.875	0.63
9/8/2008 3:40	2.873	0.57
9/8/2008 3:45	2.871	0.6
9/8/2008 3:50	2.87	0.64
9/8/2008 3:55	2.868	0.57
9/8/2008 4:00	2.866	1.13
9/8/2008 4:05	2.865	0.55
9/8/2008 4:10	2.863	0.51
9/8/2008 4:15	2.86	0.51
9/8/2008 4:20	2.859	0.51
9/8/2008 4:25	2.857	0.54
9/8/2008 4:30	2.856	0.54
9/8/2008 4:35	2.855	0.64
9/8/2008 4:40	2.852	0.64
9/8/2008 4:45	2.851	0.64
9/8/2008 4:50	2.849	0.64
9/8/2008 4:55	2.848	0.61
9/8/2008 5:00	2.846	0.61
9/8/2008 5:05	2.844	0.61
9/8/2008 5:10	2.842	0.61
9/8/2008 5:15	2.841	0.61
9/8/2008 5:20	2.838	0.52
9/8/2008 5:25	2.836	0.6
9/8/2008 5:30	2.835	0.6
9/8/2008 5:35	2.834	0.6
9/8/2008 5:40	2.832	0.6

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/8/2008 5:45	2.83	0.6
9/8/2008 5:50	2.83	0.6
9/8/2008 5:55	2.828	0.6
9/8/2008 6:00	2.827	0.6
9/8/2008 6:05	2.826	0.6
9/8/2008 6:10	2.824	0.6
9/8/2008 6:15	2.823	0.6
9/8/2008 6:20	2.822	0.6
9/8/2008 6:25	2.822	0.61
9/8/2008 6:30	2.82	0.61
9/8/2008 6:35	2.819	0.61
9/8/2008 6:40	2.817	0.61
9/8/2008 6:45	2.815	0.61
9/8/2008 6:50	2.814	0.61
9/8/2008 6:55	2.812	0.61
9/8/2008 7:00	2.811	0.61
9/8/2008 7:05	2.809	0.61
9/8/2008 7:10	2.808	0.61
9/8/2008 7:15	2.807	0.5
9/8/2008 7:20	2.806	0.5
9/8/2008 7:25	2.804	0.53
9/8/2008 7:30	2.803	0.53
9/8/2008 7:35	2.801	0.53
9/8/2008 7:40	2.799	0.49
9/8/2008 7:45	2.798	0.51
9/8/2008 7:50	2.796	0.51
9/8/2008 7:55	2.795	0.51
9/8/2008 8:00	2.796	0.51
9/8/2008 8:05	2.793	0.51
9/8/2008 8:10	2.791	0.51
9/8/2008 8:15	2.791	0.51
9/8/2008 8:20	2.789	0.51
9/8/2008 8:25	2.788	0.51
9/8/2008 8:30	2.786	0.51
9/8/2008 8:35	2.784	0.51
9/8/2008 8:40	2.783	0.51
9/8/2008 8:45	2.782	0.51
9/8/2008 8:50	2.78	0.51
9/8/2008 8:55	2.78	0.51
9/8/2008 9:00	2.778	0.51
9/8/2008 9:05	2.779	0.51
9/8/2008 9:10	2.777	0.51
9/8/2008 9:15	2.776	0.51
9/8/2008 9:20	2.775	0.51

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/8/2008 9:25	2.774	0.51
9/8/2008 9:30	2.773	0.51
9/8/2008 9:35	2.771	0.51
9/8/2008 9:40	2.77	0.51
9/8/2008 9:45	2.768	0.51
9/8/2008 9:50	2.767	0.51
9/8/2008 9:55	2.765	0.51
9/8/2008 10:00	2.762	0.51
9/8/2008 10:05	2.761	0.51
9/8/2008 10:10	2.759	0.51
9/8/2008 10:15	2.757	0.51
9/8/2008 10:20	2.755	0.51
9/8/2008 10:25	2.754	0.51
9/8/2008 10:30	2.751	0.51
9/8/2008 10:35	2.75	0.51
9/8/2008 10:40	2.748	0.51
9/8/2008 10:45	2.746	0.51
9/8/2008 10:50	2.744	0.51
9/8/2008 10:55	2.743	0.51
9/8/2008 11:00	2.741	0.51
9/8/2008 11:05	2.74	0.51
9/8/2008 11:10	2.739	0.51
9/8/2008 11:15	2.736	0.51
9/8/2008 11:20	2.734	0.51
9/8/2008 11:25	2.734	0.51
9/8/2008 11:30	2.73	0.51
9/8/2008 11:35	2.728	0.51
9/8/2008 11:40	2.728	0.51
9/8/2008 11:45	2.725	0.51
9/8/2008 11:50	2.723	0.51
9/8/2008 11:55	2.72	0.51
9/8/2008 12:00	2.718	0.51
9/8/2008 12:05	2.716	0.51
9/8/2008 12:10	2.715	0.51
9/8/2008 12:15	2.712	0.51
9/8/2008 12:20	2.71	0.51
9/8/2008 12:25	2.709	0.51
9/8/2008 12:30	2.708	0.51
9/8/2008 12:35	2.705	0.51
9/8/2008 12:40	2.704	6.84
9/8/2008 12:45	2.701	6.84
9/8/2008 12:50	2.7	6.84
9/8/2008 12:55	2.699	5.82
9/8/2008 13:00	2.697	5.82

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/8/2008 13:05	2.697	5.82
9/8/2008 13:10	2.694	7.76
9/8/2008 13:15	2.693	7.76
9/8/2008 13:20	2.691	7.76
9/8/2008 13:25	2.689	7.76
9/8/2008 13:30	2.689	7.76
9/8/2008 13:35	2.688	7.76
9/8/2008 13:40	2.684	7.76
9/8/2008 13:45	2.683	7.76
9/8/2008 13:50	2.683	7.76
9/8/2008 13:55	2.682	7.76
9/8/2008 14:00	2.68	7.76
9/8/2008 14:05	2.678	7.76
9/8/2008 14:10	2.678	7.76
9/8/2008 14:15	2.677	7.76
9/8/2008 14:20	2.675	7.76
9/8/2008 14:25	2.674	7.76
9/8/2008 14:30	2.674	7.76
9/8/2008 14:35	2.673	7.76
9/8/2008 14:40	2.672	7.76
9/8/2008 14:45	2.671	7.76
9/8/2008 14:50	2.67	0.43
9/8/2008 14:55	2.667	0.43
9/8/2008 15:00	2.666	0.43
9/8/2008 15:05	2.664	0.43
9/8/2008 15:10	2.662	0.43
9/8/2008 15:15	2.659	0.43
9/8/2008 15:20	2.657	0.43
9/8/2008 15:25	2.655	0.43
9/8/2008 15:30	2.653	0.43
9/8/2008 15:35	2.651	0.43
9/8/2008 15:40	2.649	0.43
9/8/2008 15:45	2.648	0.43
9/8/2008 15:50	2.648	0.43
9/8/2008 15:55	2.645	0.43
9/8/2008 16:00	2.644	0.43
9/8/2008 16:05	2.644	0.43
9/8/2008 16:10	2.642	0.43
9/8/2008 16:15	2.641	0.43
9/8/2008 16:20	2.641	0.43
9/8/2008 16:25	2.639	0.43
9/8/2008 16:30	2.638	0.43
9/8/2008 16:35	2.637	0.43
9/8/2008 16:40	2.636	0.43

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/8/2008 16:45	2.634	0.43
9/8/2008 16:50	2.633	0.43
9/8/2008 16:55	2.632	0.43
9/8/2008 17:00	2.632	0.43
9/8/2008 17:05	2.629	0.43
9/8/2008 17:10	2.629	0.43
9/8/2008 17:15	2.627	0.43
9/8/2008 17:20	2.627	0.43
9/8/2008 17:25	2.625	0.43
9/8/2008 17:30	2.624	0.4
9/8/2008 17:35	2.623	0.32
9/8/2008 17:40	2.622	0.33
9/8/2008 17:45	2.621	0.33
9/8/2008 17:50	2.62	0.33
9/8/2008 17:55	2.618	0.33
9/8/2008 18:00	2.617	0.33
9/8/2008 18:05	2.616	0.33
9/8/2008 18:10	2.615	0.33
9/8/2008 18:15	2.614	0.33
9/8/2008 18:20	2.613	0.33
9/8/2008 18:25	2.612	0.33
9/8/2008 18:30	2.611	0.33
9/8/2008 18:35	2.61	0.33
9/8/2008 18:40	2.609	0.33
9/8/2008 18:45	2.608	0.33
9/8/2008 18:50	2.607	0.33
9/8/2008 18:55	2.606	0.33
9/8/2008 19:00	2.606	0.33
9/8/2008 19:05	2.605	0.33
9/8/2008 19:10	2.604	0.33
9/8/2008 19:15	2.603	0.33
9/8/2008 19:20	2.603	0.33
9/8/2008 19:25	2.602	0.33
9/8/2008 19:30	2.602	0.33
9/8/2008 19:35	2.6	0.33
9/8/2008 19:40	2.599	0.33
9/8/2008 19:45	2.598	0.33
9/8/2008 19:50	2.597	0.33
9/8/2008 19:55	2.596	0.33
9/8/2008 20:00	2.595	0.33
9/8/2008 20:05	2.595	0.33
9/8/2008 20:10	2.594	0.33
9/8/2008 20:15	2.593	0.33
9/8/2008 20:20	2.592	0.33

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/8/2008 20:25	2.591	0.33
9/8/2008 20:30	2.591	0.33
9/8/2008 20:35	2.59	0.33
9/8/2008 20:40	2.588	0.33
9/8/2008 20:45	2.588	0.33
9/8/2008 20:50	2.587	0.33
9/8/2008 20:55	2.586	0.33
9/8/2008 21:00	2.585	0.33
9/8/2008 21:05	2.584	0.33
9/8/2008 21:10	2.584	0.33
9/8/2008 21:15	2.583	0.33
9/8/2008 21:20	2.582	0.33
9/8/2008 21:25	2.581	0.33
9/8/2008 21:30	2.581	0.33
9/8/2008 21:35	2.579	0.33
9/8/2008 21:40	2.578	0.33
9/8/2008 21:45	2.577	0.33
9/8/2008 21:50	2.577	0.33
9/8/2008 21:55	2.576	0.33
9/8/2008 22:00	2.576	0.33
9/8/2008 22:05	2.575	0.33
9/8/2008 22:10	2.574	0.33
9/8/2008 22:15	2.574	0.33
9/8/2008 22:20	2.573	0.33
9/8/2008 22:25	2.571	0.33
9/8/2008 22:30	2.571	0.33
9/8/2008 22:35	2.57	0.33
9/8/2008 22:40	2.569	0.33
9/8/2008 22:45	2.569	0.33
9/8/2008 22:50	2.568	0.33
9/8/2008 22:55	2.567	0.33
9/8/2008 23:00	2.566	0.33
9/8/2008 23:05	2.566	0.33
9/8/2008 23:10	2.565	0.33
9/8/2008 23:15	2.564	0.33
9/8/2008 23:20	2.564	0.33
9/8/2008 23:25	2.563	0.33
9/8/2008 23:30	2.563	0.33
9/8/2008 23:35	2.562	0.33
9/8/2008 23:40	2.561	0.35
9/8/2008 23:45	2.561	0.35
9/8/2008 23:50	2.56	0.35
9/8/2008 23:55	2.559	0.28
9/9/2008 0:00	2.56	0.3

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/9/2008 0:05	2.559	0.3
9/9/2008 0:10	2.559	0.3
9/9/2008 0:15	2.558	0.3
9/9/2008 0:20	2.558	0.28
9/9/2008 0:25	2.557	0.28
9/9/2008 0:30	2.557	0.28
9/9/2008 0:35	2.556	0.28
9/9/2008 0:40	2.556	0.28
9/9/2008 0:45	2.556	0.28
9/9/2008 0:50	2.555	0.28
9/9/2008 0:55	2.555	0.28
9/9/2008 1:00	2.554	0.28
9/9/2008 1:05	2.553	0.28
9/9/2008 1:10	2.553	0.28
9/9/2008 1:15	2.552	0.28
9/9/2008 1:20	2.551	0.28
9/9/2008 1:25	2.55	0.28
9/9/2008 1:30	2.551	0.28
9/9/2008 1:35	2.55	0.28
9/9/2008 1:40	2.55	0.28
9/9/2008 1:45	2.549	0.28
9/9/2008 1:50	2.549	0.28
9/9/2008 1:55	2.548	0.28
9/9/2008 2:00	2.548	0.28
9/9/2008 2:05	2.547	0.28
9/9/2008 2:10	2.547	0.28
9/9/2008 2:15	2.546	0.28
9/9/2008 2:20	2.546	0.28
9/9/2008 2:25	2.546	0.28
9/9/2008 2:30	2.545	0.28
9/9/2008 2:35	2.545	0.28
9/9/2008 2:40	2.545	0.28
9/9/2008 2:45	2.544	0.28
9/9/2008 2:50	2.543	0.28
9/9/2008 2:55	2.544	0.28
9/9/2008 3:00	2.543	0.28
9/9/2008 3:05	2.543	0.28
9/9/2008 3:10	2.543	0.28
9/9/2008 3:15	2.542	0.28
9/9/2008 3:20	2.542	0.28
9/9/2008 3:25	2.541	0.28
9/9/2008 3:30	2.541	0.28
9/9/2008 3:35	2.54	0.28
9/9/2008 3:40	2.54	0.28

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/9/2008 3:45	2.539	0.28
9/9/2008 3:50	2.538	0.28
9/9/2008 3:55	2.539	0.28
9/9/2008 4:00	2.538	0.28
9/9/2008 4:05	2.538	0.28
9/9/2008 4:10	2.538	0.28
9/9/2008 4:15	2.537	0.28
9/9/2008 4:20	2.537	0.28
9/9/2008 4:25	2.536	0.28
9/9/2008 4:30	2.536	0.28
9/9/2008 4:35	2.536	0.28
9/9/2008 4:40	2.536	0.28
9/9/2008 4:45	2.535	0.28
9/9/2008 4:50	2.535	0.28
9/9/2008 4:55	2.534	0.28
9/9/2008 5:00	2.534	0.28
9/9/2008 5:05	2.533	0.28
9/9/2008 5:10	2.533	0.28
9/9/2008 5:15	2.533	0.28
9/9/2008 5:20	2.533	0.28
9/9/2008 5:25	2.532	0.28
9/9/2008 5:30	2.532	0.28
9/9/2008 5:35	2.531	0.28
9/9/2008 5:40	2.531	0.28
9/9/2008 5:45	2.531	0.28
9/9/2008 5:50	2.531	0.28
9/9/2008 5:55	2.531	0.28
9/9/2008 6:00	2.53	0.28
9/9/2008 6:05	2.531	0.28
9/9/2008 6:10	2.53	0.28
9/9/2008 6:15	2.53	0.28
9/9/2008 6:20	2.529	0.28
9/9/2008 6:25	2.529	0.28
9/9/2008 6:30	2.529	0.28
9/9/2008 6:35	2.528	0.28
9/9/2008 6:40	2.527	0.28
9/9/2008 6:45	2.528	0.28
9/9/2008 6:50	2.528	0.28
9/9/2008 6:55	2.527	0.26
9/9/2008 7:00	2.526	0.26
9/9/2008 7:05	2.526	0.22
9/9/2008 7:10	2.525	0.22
9/9/2008 7:15	2.525	0.22
9/9/2008 7:20	2.525	0.22

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/9/2008 7:25	2.524	0.22
9/9/2008 7:30	2.524	0.22
9/9/2008 7:35	2.523	0.22
9/9/2008 7:40	2.523	0.22
9/9/2008 7:45	2.523	0.22
9/9/2008 7:50	2.523	0.22
9/9/2008 7:55	2.521	0.22
9/9/2008 8:00	2.521	0.22
9/9/2008 8:05	2.521	0.22
9/9/2008 8:10	2.52	0.22
9/9/2008 8:15	2.52	0.22
9/9/2008 8:20	2.519	0.22
9/9/2008 8:25	2.519	0.22
9/9/2008 8:30	2.518	0.22
9/9/2008 8:35	2.518	0.22
9/9/2008 8:40	2.517	0.22
9/9/2008 8:45	2.517	0.22
9/9/2008 8:50	2.515	0.22
9/9/2008 8:55	2.515	0.22
9/9/2008 9:00	2.515	0.22
9/9/2008 9:05	2.514	0.22
9/9/2008 9:10	2.514	0.22
9/9/2008 9:15	2.512	0.22
9/9/2008 9:20	2.511	0.22
9/9/2008 9:25	2.509	0.22
9/9/2008 9:30	2.509	0.22
9/9/2008 9:35	2.511	0.22
9/9/2008 9:40	2.587	0.22
9/9/2008 9:45	2.924	0.57
9/9/2008 9:50	3.025	0.7
9/9/2008 9:55	3.142	0.82
9/9/2008 10:00	3.294	0.91
9/9/2008 10:05	3.297	0.99
9/9/2008 10:10	3.298	1.04
9/9/2008 10:15	3.266	0.88
9/9/2008 10:20	3.224	0.88
9/9/2008 10:25	3.179	0.85
9/9/2008 10:30	3.149	0.83
9/9/2008 10:35	3.121	0.83
9/9/2008 10:40	3.087	0.77
9/9/2008 10:45	3.056	0.79
9/9/2008 10:50	3.04	0.7
9/9/2008 10:55	3.028	0.73
9/9/2008 11:00	3.007	0.73

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/9/2008 11:05	2.992	0.71
9/9/2008 11:10	2.97	0.71
9/9/2008 11:15	2.965	0.71
9/9/2008 11:20	2.979	0.71
9/9/2008 11:25	3.009	0.81
9/9/2008 11:30	3.059	0.79
9/9/2008 11:35	3.112	0.76
9/9/2008 11:40	3.147	0.97
9/9/2008 11:45	3.165	0.98
9/9/2008 11:50	3.147	0.94
9/9/2008 11:55	3.117	0.95
9/9/2008 12:00	3.085	0.95
9/9/2008 12:05	3.057	0.95
9/9/2008 12:10	3.034	0.95
9/9/2008 12:15	3.02	0.95
9/9/2008 12:20	3.01	0.95
9/9/2008 12:25	3.002	0.95
9/9/2008 12:30	2.997	0.95
9/9/2008 12:35	2.995	0.95
9/9/2008 12:40	2.992	0.95
9/9/2008 12:45	2.987	0.95
9/9/2008 12:50	2.983	0.95
9/9/2008 12:55	2.98	0.95
9/9/2008 13:00	2.975	0.95
9/9/2008 13:05	2.972	0.95
9/9/2008 13:10	2.968	0.95
9/9/2008 13:15	2.967	0.95
9/9/2008 13:20	2.965	0.95
9/9/2008 13:25	2.963	0.95
9/9/2008 13:30	2.96	0.95
9/9/2008 13:35	2.959	0.95
9/9/2008 13:40	2.956	0.95
9/9/2008 13:45	2.956	0.95
9/9/2008 13:50	2.954	0.95
9/9/2008 13:55	2.953	0.95
9/9/2008 14:00	2.953	0.95
9/9/2008 14:05	2.95	0.95
9/9/2008 14:10	2.949	0.95
9/9/2008 14:15	2.947	0.95
9/9/2008 14:20	2.946	0.95
9/9/2008 14:25	2.945	0.95
9/9/2008 14:30	2.943	0.95
9/9/2008 14:35	2.941	0.95
9/9/2008 14:40	2.94	0.95

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/9/2008 14:45	2.939	0.95
9/9/2008 14:50	2.938	0.95
9/9/2008 14:55	2.937	0.95
9/9/2008 15:00	2.934	7.42
9/9/2008 15:05	2.934	8.66
9/9/2008 15:10	2.933	8.69
9/9/2008 15:15	2.931	10.35
9/9/2008 15:20	2.929	8.13
9/9/2008 15:25	2.928	9.06
9/9/2008 15:30	2.928	9.43
9/9/2008 15:35	2.925	9.2
9/9/2008 15:40	2.923	9.2
9/9/2008 15:45	2.923	8.74
9/9/2008 15:50	2.921	8.74
9/9/2008 15:55	2.921	8.74
9/9/2008 16:00	2.919	8.74
9/9/2008 16:05	2.918	10.11
9/9/2008 16:10	2.917	10.11
9/9/2008 16:15	2.917	8.84
9/9/2008 16:20	2.916	8.84
9/9/2008 16:25	2.915	9.65
9/9/2008 16:30	2.915	9.65
9/9/2008 16:35	2.914	7.15
9/9/2008 16:40	2.913	8.35
9/9/2008 16:45	2.911	8.05
9/9/2008 16:50	2.91	10.34
9/9/2008 16:55	2.91	7.73
9/9/2008 17:00	2.909	7.73
9/9/2008 17:05	2.908	9.31
9/9/2008 17:10	2.906	9.43
9/9/2008 17:15	2.906	7.42
9/9/2008 17:20	2.905	7.42
9/9/2008 17:25	2.904	10.14
9/9/2008 17:30	2.903	10.14
9/9/2008 17:35	2.903	9.49
9/9/2008 17:40	2.902	8.25
9/9/2008 17:45	2.902	10.44
9/9/2008 17:50	2.901	10.44
9/9/2008 17:55	2.9	10.44
9/9/2008 18:00	2.899	10.44
9/9/2008 18:05	2.899	10.44
9/9/2008 18:10	2.897	6.91
9/9/2008 18:15	2.898	6.91
9/9/2008 18:20	2.897	6.91

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/9/2008 18:25	2.896	6.91
9/9/2008 18:30	2.895	9.08
9/9/2008 18:35	2.895	9.08
9/9/2008 18:40	2.894	9.83
9/9/2008 18:45	2.895	9.83
9/9/2008 18:50	2.895	9.83
9/9/2008 18:55	2.894	9.83
9/9/2008 19:00	2.893	9.83
9/9/2008 19:05	2.893	9.83
9/9/2008 19:10	2.892	9.83
9/9/2008 19:15	2.892	9.83
9/9/2008 19:20	2.89	9.83
9/9/2008 19:25	2.89	9.83
9/9/2008 19:30	2.89	9.83
9/9/2008 19:35	2.89	9.83
9/9/2008 19:40	2.889	9.83
9/9/2008 19:45	2.889	9.83
9/9/2008 19:50	2.887	9.83
9/9/2008 19:55	2.887	9.83
9/9/2008 20:00	2.887	9.83
9/9/2008 20:05	2.886	9.83
9/9/2008 20:10	2.886	9.83
9/9/2008 20:15	2.885	9.83
9/9/2008 20:20	2.885	9.83
9/9/2008 20:25	2.885	9.83
9/9/2008 20:30	2.885	9.83
9/9/2008 20:35	2.885	9.83
9/9/2008 20:40	2.886	9.83
9/9/2008 20:45	2.884	9.83
9/9/2008 20:50	2.884	9.83
9/9/2008 20:55	2.884	9.83
9/9/2008 21:00	2.883	9.83
9/9/2008 21:05	2.883	9.83
9/9/2008 21:10	2.882	9.83
9/9/2008 21:15	2.881	9.83
9/9/2008 21:20	2.881	9.83
9/9/2008 21:25	2.881	9.83
9/9/2008 21:30	2.879	9.83
9/9/2008 21:35	2.88	9.83
9/9/2008 21:40	2.88	9.83
9/9/2008 21:45	2.879	9.83
9/9/2008 21:50	2.877	9.83
9/9/2008 21:55	2.877	9.83
9/9/2008 22:00	2.879	9.83

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/9/2008 22:05	2.877	9.83
9/9/2008 22:10	2.877	9.83
9/9/2008 22:15	2.875	9.83
9/9/2008 22:20	2.875	9.83
9/9/2008 22:25	2.875	9.83
9/9/2008 22:30	2.875	9.83
9/9/2008 22:35	2.874	0.56
9/9/2008 22:40	2.874	0.56
9/9/2008 22:45	2.873	0.56
9/9/2008 22:50	2.872	0.56
9/9/2008 22:55	2.873	0.56
9/9/2008 23:00	2.872	0.56
9/9/2008 23:05	2.872	0.56
9/9/2008 23:10	2.871	0.56
9/9/2008 23:15	2.871	0.56
9/9/2008 23:20	2.87	0.56
9/9/2008 23:25	2.869	0.56
9/9/2008 23:30	2.868	0.56
9/9/2008 23:35	2.867	0.56
9/9/2008 23:40	2.867	0.56
9/9/2008 23:45	2.867	0.56
9/9/2008 23:50	2.867	0.56
9/9/2008 23:55	2.866	0.56
9/10/2008 0:00	2.866	0.56
9/10/2008 0:05	2.866	0.56
9/10/2008 0:10	2.865	0.56
9/10/2008 0:15	2.864	0.56
9/10/2008 0:20	2.863	0.56
9/10/2008 0:25	2.863	0.56
9/10/2008 0:30	2.863	0.56
9/10/2008 0:35	2.862	0.56
9/10/2008 0:40	2.863	0.56
9/10/2008 0:45	2.861	0.56
9/10/2008 0:50	2.861	0.56
9/10/2008 0:55	2.861	0.56
9/10/2008 1:00	2.859	0.56
9/10/2008 1:05	2.861	0.56
9/10/2008 1:10	2.859	0.56
9/10/2008 1:15	2.858	0.56
9/10/2008 1:20	2.858	0.56
9/10/2008 1:25	2.856	0.56
9/10/2008 1:30	2.857	0.56
9/10/2008 1:35	2.856	0.56
9/10/2008 1:40	2.855	0.56

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/10/2008 1:45	2.855	0.56
9/10/2008 1:50	2.854	0.56
9/10/2008 1:55	2.855	0.56
9/10/2008 2:00	2.854	0.56
9/10/2008 2:05	2.853	0.56
9/10/2008 2:10	2.852	0.56
9/10/2008 2:15	2.85	0.56
9/10/2008 2:20	2.85	0.56
9/10/2008 2:25	2.849	0.56
9/10/2008 2:30	2.848	0.53
9/10/2008 2:35	2.848	0.53
9/10/2008 2:40	2.847	0.53
9/10/2008 2:45	2.846	0.53
9/10/2008 2:50	2.845	0.53
9/10/2008 2:55	2.845	0.53
9/10/2008 3:00	2.844	0.53
9/10/2008 3:05	2.842	0.53
9/10/2008 3:10	2.842	0.53
9/10/2008 3:15	2.842	0.53
9/10/2008 3:20	2.841	0.53
9/10/2008 3:25	2.84	0.53
9/10/2008 3:30	2.838	0.53
9/10/2008 3:35	2.838	0.53
9/10/2008 3:40	2.836	0.53
9/10/2008 3:45	2.837	0.53
9/10/2008 3:50	2.837	0.53
9/10/2008 3:55	2.836	0.53
9/10/2008 4:00	2.836	0.53
9/10/2008 4:05	2.835	0.53
9/10/2008 4:10	2.834	0.53
9/10/2008 4:15	2.833	0.53
9/10/2008 4:20	2.833	0.53
9/10/2008 4:25	2.832	0.53
9/10/2008 4:30	2.832	0.53
9/10/2008 4:35	2.831	0.53
9/10/2008 4:40	2.83	0.53
9/10/2008 4:45	2.829	0.53
9/10/2008 4:50	2.829	0.53
9/10/2008 4:55	2.829	0.53
9/10/2008 5:00	2.828	0.53
9/10/2008 5:05	2.827	0.53
9/10/2008 5:10	2.826	0.53
9/10/2008 5:15	2.826	0.53
9/10/2008 5:20	2.825	0.53

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/10/2008 5:25	2.824	0.53
9/10/2008 5:30	2.824	0.53
9/10/2008 5:35	2.823	0.53
9/10/2008 5:40	2.822	0.53
9/10/2008 5:45	2.822	0.53
9/10/2008 5:50	2.821	0.53
9/10/2008 5:55	2.82	0.53
9/10/2008 6:00	2.819	0.53
9/10/2008 6:05	2.82	0.53
9/10/2008 6:10	2.817	0.53
9/10/2008 6:15	2.817	0.53
9/10/2008 6:20	2.817	0.53
9/10/2008 6:25	2.816	0.53
9/10/2008 6:30	2.815	0.53
9/10/2008 6:35	2.815	0.53
9/10/2008 6:40	2.814	0.53
9/10/2008 6:45	2.813	0.53
9/10/2008 6:50	2.813	0.53
9/10/2008 6:55	2.812	0.53
9/10/2008 7:00	2.811	0.53
9/10/2008 7:05	2.81	0.53
9/10/2008 7:10	2.809	0.53
9/10/2008 7:15	2.809	0.53
9/10/2008 7:20	2.808	0.53
9/10/2008 7:25	2.807	0.53
9/10/2008 7:30	2.806	0.53
9/10/2008 7:35	2.806	0.53
9/10/2008 7:40	2.805	0.53
9/10/2008 7:45	2.805	0.53
9/10/2008 7:50	2.804	0.53
9/10/2008 7:55	2.803	0.53
9/10/2008 8:00	2.802	0.53
9/10/2008 8:05	2.802	0.53
9/10/2008 8:10	2.801	0.53
9/10/2008 8:15	2.8	0.53
9/10/2008 8:20	2.799	0.53
9/10/2008 8:25	2.799	0.53
9/10/2008 8:30	2.797	0.53
9/10/2008 8:35	2.797	0.53
9/10/2008 8:40	2.796	0.53
9/10/2008 8:45	2.795	0.53
9/10/2008 8:50	2.793	0.53
9/10/2008 8:55	2.793	0.53
9/10/2008 9:00	2.792	0.53

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/10/2008 9:05	2.791	0.53
9/10/2008 9:10	2.789	0.53
9/10/2008 9:15	2.788	0.53
9/10/2008 9:20	2.787	0.53
9/10/2008 9:25	2.785	0.53
9/10/2008 9:30	2.784	0.53
9/10/2008 9:35	2.784	0.53
9/10/2008 9:40	2.781	0.53
9/10/2008 9:45	2.78	0.53
9/10/2008 9:50	2.779	0.53
9/10/2008 9:55	2.779	0.53
9/10/2008 10:00	2.777	0.53
9/10/2008 10:05	2.775	0.53
9/10/2008 10:10	2.775	0.53
9/10/2008 10:15	2.774	0.53
9/10/2008 10:20	2.773	0.53
9/10/2008 10:25	2.77	0.53
9/10/2008 10:30	2.77	0.53
9/10/2008 10:35	2.768	0.53
9/10/2008 10:40	2.767	0.53
9/10/2008 10:45	2.766	0.53
9/10/2008 10:50	2.765	0.53
9/10/2008 10:55	2.765	0.53
9/10/2008 11:00	2.763	0.53
9/10/2008 11:05	2.762	0.53
9/10/2008 11:10	2.761	0.53
9/10/2008 11:15	2.76	0.53
9/10/2008 11:20	2.758	0.53
9/10/2008 11:25	2.757	0.53
9/10/2008 11:30	2.754	0.53
9/10/2008 11:35	2.755	0.53
9/10/2008 11:40	2.754	0.53
9/10/2008 11:45	2.753	0.45
9/10/2008 11:50	2.75	0.49
9/10/2008 11:55	2.749	0.44
9/10/2008 12:00	2.749	0.44
9/10/2008 12:05	2.748	0.44
9/10/2008 12:10	2.747	0.44
9/10/2008 12:15	2.744	0.44
9/10/2008 12:20	2.742	0.44
9/10/2008 12:25	2.742	0.44
9/10/2008 12:30	2.739	0.44
9/10/2008 12:35	2.739	0.44
9/10/2008 12:40	2.738	0.49

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/10/2008 12:45	2.737	0.49
9/10/2008 12:50	2.735	0.49
9/10/2008 12:55	2.734	0.49
9/10/2008 13:00	2.733	0.41
9/10/2008 13:05	2.731	0.46
9/10/2008 13:10	2.729	0.46
9/10/2008 13:15	2.728	0.44
9/10/2008 13:20	2.728	0.44
9/10/2008 13:25	2.726	0.44
9/10/2008 13:30	2.724	0.44
9/10/2008 13:35	2.723	0.44
9/10/2008 13:40	2.722	0.44
9/10/2008 13:45	2.721	0.44
9/10/2008 13:50	2.72	0.44
9/10/2008 13:55	2.718	0.44
9/10/2008 14:00	2.718	0.44
9/10/2008 14:05	2.716	0.44
9/10/2008 14:10	2.715	0.44
9/10/2008 14:15	2.712	0.44
9/10/2008 14:20	2.713	0.44
9/10/2008 14:25	2.711	0.44
9/10/2008 14:30	2.709	0.44
9/10/2008 14:35	2.708	0.44
9/10/2008 14:40	2.707	0.44
9/10/2008 14:45	2.706	0.44
9/10/2008 14:50	2.705	0.37
9/10/2008 14:55	2.704	0.37
9/10/2008 15:00	2.702	0.37
9/10/2008 15:05	2.701	0.37
9/10/2008 15:10	2.7	0.37
9/10/2008 15:15	2.699	0.37
9/10/2008 15:20	2.697	0.37
9/10/2008 15:25	2.696	0.37
9/10/2008 15:30	2.695	0.37
9/10/2008 15:35	2.694	0.37
9/10/2008 15:40	2.693	0.37
9/10/2008 15:45	2.692	0.37
9/10/2008 15:50	2.69	0.37
9/10/2008 15:55	2.689	0.37
9/10/2008 16:00	2.687	0.37
9/10/2008 16:05	2.687	0.37
9/10/2008 16:10	2.686	0.37
9/10/2008 16:15	2.685	0.37
9/10/2008 16:20	2.684	0.37

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/10/2008 16:25	2.683	0.37
9/10/2008 16:30	2.682	0.37
9/10/2008 16:35	2.681	0.37
9/10/2008 16:40	2.68	0.37
9/10/2008 16:45	2.679	0.37
9/10/2008 16:50	2.679	0.37
9/10/2008 16:55	2.677	0.37
9/10/2008 17:00	2.676	0.37
9/10/2008 17:05	2.675	0.37
9/10/2008 17:10	2.674	0.37
9/10/2008 17:15	2.673	0.37
9/10/2008 17:20	2.672	0.37
9/10/2008 17:25	2.671	0.37
9/10/2008 17:30	2.67	0.37
9/10/2008 17:35	2.669	0.37
9/10/2008 17:40	2.668	0.37
9/10/2008 17:45	2.668	0.37
9/10/2008 17:50	2.666	0.37
9/10/2008 17:55	2.666	0.37
9/10/2008 18:00	2.664	0.37
9/10/2008 18:05	2.664	0.37
9/10/2008 18:10	2.662	0.37
9/10/2008 18:15	2.662	0.37
9/10/2008 18:20	2.661	0.37
9/10/2008 18:25	2.661	0.37
9/10/2008 18:30	2.659	0.37
9/10/2008 18:35	2.658	0.37
9/10/2008 18:40	2.658	0.37
9/10/2008 18:45	2.657	0.37
9/10/2008 18:50	2.656	0.37
9/10/2008 18:55	2.655	0.37
9/10/2008 19:00	2.654	0.37
9/10/2008 19:05	2.654	0.37
9/10/2008 19:10	2.653	0.37
9/10/2008 19:15	2.652	0.37
9/10/2008 19:20	2.651	0.37
9/10/2008 19:25	2.651	0.37
9/10/2008 19:30	2.649	0.37
9/10/2008 19:35	2.649	0.37
9/10/2008 19:40	2.647	0.37
9/10/2008 19:45	2.647	0.37
9/10/2008 19:50	2.647	0.37
9/10/2008 19:55	2.645	0.37
9/10/2008 20:00	2.644	0.37

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/10/2008 20:05	2.641	0.37
9/10/2008 20:10	2.642	0.37
9/10/2008 20:15	2.642	0.37
9/10/2008 20:20	2.641	0.37
9/10/2008 20:25	2.64	0.37
9/10/2008 20:30	2.639	0.37
9/10/2008 20:35	2.639	0.37
9/10/2008 20:40	2.638	0.37
9/10/2008 20:45	2.637	0.37
9/10/2008 20:50	2.637	0.37
9/10/2008 20:55	2.635	0.37
9/10/2008 21:00	2.635	0.37
9/10/2008 21:05	2.634	0.37
9/10/2008 21:10	2.634	0.37
9/10/2008 21:15	2.633	0.37
9/10/2008 21:20	2.633	0.37
9/10/2008 21:25	2.632	0.37
9/10/2008 21:30	2.631	0.37
9/10/2008 21:35	2.629	0.37
9/10/2008 21:40	2.629	0.37
9/10/2008 21:45	2.628	0.37
9/10/2008 21:50	2.628	0.37
9/10/2008 21:55	2.628	0.37
9/10/2008 22:00	2.627	0.37
9/10/2008 22:05	2.626	0.37
9/10/2008 22:10	2.626	0.37
9/10/2008 22:15	2.625	0.37
9/10/2008 22:20	2.624	0.37
9/10/2008 22:25	2.624	0.37
9/10/2008 22:30	2.623	0.37
9/10/2008 22:35	2.625	0.37
9/10/2008 22:40	2.623	0.37
9/10/2008 22:45	2.623	0.31
9/10/2008 22:50	2.622	0.35
9/10/2008 22:55	2.621	0.34
9/10/2008 23:00	2.62	0.37
9/10/2008 23:05	2.618	0.37
9/10/2008 23:10	2.618	0.37
9/10/2008 23:15	2.616	0.37
9/10/2008 23:20	2.616	0.37
9/10/2008 23:25	2.615	0.37
9/10/2008 23:30	2.616	0.34
9/10/2008 23:35	2.615	0.34
9/10/2008 23:40	2.615	0.3

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/10/2008 23:45	2.614	0.3
9/10/2008 23:50	2.614	0.33
9/10/2008 23:55	2.613	0.33
9/11/2008 0:00	2.613	0.33
9/11/2008 0:05	2.612	0.33
9/11/2008 0:10	2.611	0.33
9/11/2008 0:15	2.611	0.33
9/11/2008 0:20	2.609	0.33
9/11/2008 0:25	2.609	0.33
9/11/2008 0:30	2.614	0.33
9/11/2008 0:35	2.607	0.33
9/11/2008 0:40	2.607	0.29
9/11/2008 0:45	2.606	0.3
9/11/2008 0:50	2.605	0.3
9/11/2008 0:55	2.604	0.3
9/11/2008 1:00	2.604	0.3
9/11/2008 1:05	2.603	0.3
9/11/2008 1:10	2.602	0.3
9/11/2008 1:15	2.601	0.3
9/11/2008 1:20	2.601	0.3
9/11/2008 1:25	2.599	0.3
9/11/2008 1:30	2.599	0.3
9/11/2008 1:35	2.598	0.3
9/11/2008 1:40	2.597	0.3
9/11/2008 1:45	2.596	0.3
9/11/2008 1:50	2.595	0.3
9/11/2008 1:55	2.595	0.3
9/11/2008 2:00	2.593	0.3
9/11/2008 2:05	2.593	0.3
9/11/2008 2:10	2.593	0.3
9/11/2008 2:15	2.591	0.3
9/11/2008 2:20	2.591	0.3
9/11/2008 2:25	2.588	0.3
9/11/2008 2:30	2.588	0.3
9/11/2008 2:35	2.587	0.3
9/11/2008 2:40	2.586	0.3
9/11/2008 2:45	2.584	0.3
9/11/2008 2:50	2.584	0.3
9/11/2008 2:55	2.582	0.3
9/11/2008 3:00	2.581	0.3
9/11/2008 3:05	2.581	0.3
9/11/2008 3:10	2.579	0.3
9/11/2008 3:15	2.578	0.3
9/11/2008 3:20	2.577	0.3

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/11/2008 3:25	2.576	0.3
9/11/2008 3:30	2.575	0.3
9/11/2008 3:35	2.574	0.3
9/11/2008 3:40	2.572	0.3
9/11/2008 3:45	2.572	0.3
9/11/2008 3:50	2.571	0.3
9/11/2008 3:55	2.569	0.3
9/11/2008 4:00	2.568	0.3
9/11/2008 4:05	2.567	0.3
9/11/2008 4:10	2.566	0.3
9/11/2008 4:15	2.565	0.3
9/11/2008 4:20	2.564	0.3
9/11/2008 4:25	2.563	0.3
9/11/2008 4:30	2.562	0.3
9/11/2008 4:35	2.56	0.3
9/11/2008 4:40	2.559	0.3
9/11/2008 4:45	2.558	0.63
9/11/2008 4:50	2.557	0.63
9/11/2008 4:55	2.557	0.63
9/11/2008 5:00	2.555	0.63
9/11/2008 5:05	2.555	0.63
9/11/2008 5:10	2.554	0.63
9/11/2008 5:15	2.553	0.63
9/11/2008 5:20	2.551	0.63
9/11/2008 5:25	2.551	0.63
9/11/2008 5:30	2.55	0.63
9/11/2008 5:35	2.549	0.63
9/11/2008 5:40	2.547	0.63
9/11/2008 5:45	2.546	0.63
9/11/2008 5:50	2.545	0.63
9/11/2008 5:55	2.544	0.63
9/11/2008 6:00	2.543	0.63
9/11/2008 6:05	2.542	0.63
9/11/2008 6:10	2.542	0.63
9/11/2008 6:15	2.54	0.63
9/11/2008 6:20	2.539	0.63
9/11/2008 6:25	2.538	0.63
9/11/2008 6:30	2.537	0.63
9/11/2008 6:35	2.536	0.63
9/11/2008 6:40	2.535	0.63
9/11/2008 6:45	2.534	0.63
9/11/2008 6:50	2.533	0.63
9/11/2008 6:55	2.531	0.27
9/11/2008 7:00	2.531	0.27

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/11/2008 7:05	2.53	0.27
9/11/2008 7:10	2.529	0.27
9/11/2008 7:15	2.528	0.27
9/11/2008 7:20	2.526	0.27
9/11/2008 7:25	2.526	0.27
9/11/2008 7:30	2.525	0.27
9/11/2008 7:35	2.524	0.27
9/11/2008 7:40	2.523	0.27
9/11/2008 7:45	2.522	0.27
9/11/2008 7:50	2.521	0.27
9/11/2008 7:55	2.519	0.27
9/11/2008 8:00	2.518	0.27
9/11/2008 8:05	2.517	0.27
9/11/2008 8:10	2.517	0.27
9/11/2008 8:15	2.516	0.27
9/11/2008 8:20	2.515	0.27
9/11/2008 8:25	2.514	0.31
9/11/2008 8:30	2.513	0.31
9/11/2008 8:35	2.512	0.31
9/11/2008 8:40	2.512	0.31
9/11/2008 8:45	2.51	0.31
9/11/2008 8:50	2.51	0.31
9/11/2008 8:55	2.509	0.31
9/11/2008 9:00	2.509	0.31
9/11/2008 9:05	2.508	0.31
9/11/2008 9:10	2.507	0.31
9/11/2008 9:15	2.507	0.31
9/11/2008 9:20	2.506	0.31
9/11/2008 9:25	2.505	0.31
9/11/2008 9:30	2.504	0.31
9/11/2008 9:35	2.503	0.31
9/11/2008 9:40	2.503	0.25
9/11/2008 9:45	2.502	0.25
9/11/2008 9:50	2.502	0.25
9/11/2008 9:55	2.501	0.25
9/11/2008 10:00	2.5	0.25
9/11/2008 10:05	2.499	0.25
9/11/2008 10:10	2.499	0.25
9/11/2008 10:15	2.497	0.25
9/11/2008 10:20	2.496	0.25
9/11/2008 10:25	2.496	0.25
9/11/2008 10:30	2.495	0.25
9/11/2008 10:35	2.494	0.25
9/11/2008 10:40	2.493	0.25

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/11/2008 10:45	2.493	0.25
9/11/2008 10:50	2.492	0.25
9/11/2008 10:55	2.491	0.25
9/11/2008 11:00	2.49	0.25
9/11/2008 11:05	2.489	0.25
9/11/2008 11:10	2.488	0.25
9/11/2008 11:15	2.487	0.25
9/11/2008 11:20	2.486	0.25
9/11/2008 11:25	2.486	0.25
9/11/2008 11:30	2.485	0.25
9/11/2008 11:35	2.484	0.25
9/11/2008 11:40	2.484	0.25
9/11/2008 11:45	2.482	0.25
9/11/2008 11:50	2.482	0.25
9/11/2008 11:55	2.481	0.25
9/11/2008 12:00	2.479	0.26
9/11/2008 12:05	2.479	0.26
9/11/2008 12:10	2.478	0.26
9/11/2008 12:15	2.477	0.26
9/11/2008 12:20	2.476	0.26
9/11/2008 12:25	2.476	0.26
9/11/2008 12:30	2.475	0.3
9/11/2008 12:35	2.473	0.27
9/11/2008 12:40	2.472	0.27
9/11/2008 12:45	2.471	0.21
9/11/2008 12:50	2.47	0.2
9/11/2008 12:55	2.47	0.2
9/11/2008 13:00	2.468	0.2
9/11/2008 13:05	2.468	0.2
9/11/2008 13:10	2.466	0.2
9/11/2008 13:15	2.466	0.35
9/11/2008 13:20	2.465	0.35
9/11/2008 13:25	2.464	0.35
9/11/2008 13:30	2.464	0.35
9/11/2008 13:35	2.462	0.35
9/11/2008 13:40	2.462	0.38
9/11/2008 13:45	2.461	0.29
9/11/2008 13:50	2.461	0.29
9/11/2008 13:55	2.46	0.34
9/11/2008 14:00	2.46	0.34
9/11/2008 14:05	2.459	0.18
9/11/2008 14:10	2.458	0.22
9/11/2008 14:15	2.456	0.22
9/11/2008 14:20	2.456	0.22

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/11/2008 14:25	2.456	0.22
9/11/2008 14:30	2.455	0.22
9/11/2008 14:35	2.454	0.22
9/11/2008 14:40	2.453	0.22
9/11/2008 14:45	2.453	0.22
9/11/2008 14:50	2.452	0.22
9/11/2008 14:55	2.451	0.22
9/11/2008 15:00	2.45	0.22
9/11/2008 15:05	2.45	0.22
9/11/2008 15:10	2.449	0.22
9/11/2008 15:15	2.448	0.22
9/11/2008 15:20	2.448	0.22
9/11/2008 15:25	2.448	0.22
9/11/2008 15:30	2.447	0.22
9/11/2008 15:35	2.447	0.22
9/11/2008 15:40	2.446	0.22
9/11/2008 15:45	2.445	0.22
9/11/2008 15:50	2.445	0.22
9/11/2008 15:55	2.445	0.22
9/11/2008 16:00	2.444	0.22
9/11/2008 16:05	2.443	0.22
9/11/2008 16:10	2.442	0.22
9/11/2008 16:15	2.442	0.22
9/11/2008 16:20	2.441	0.22
9/11/2008 16:25	2.441	0.22
9/11/2008 16:30	2.44	0.22
9/11/2008 16:35	2.44	0.22
9/11/2008 16:40	2.439	0.22
9/11/2008 16:45	2.44	0.22
9/11/2008 16:50	2.439	0.22
9/11/2008 16:55	2.439	0.22
9/11/2008 17:00	2.438	0.22
9/11/2008 17:05	2.438	0.22
9/11/2008 17:10	2.437	0.22
9/11/2008 17:15	2.437	0.22
9/11/2008 17:20	2.436	0.22
9/11/2008 17:25	2.436	0.22
9/11/2008 17:30	2.436	0.22
9/11/2008 17:35	2.435	0.22
9/11/2008 17:40	2.435	0.22
9/11/2008 17:45	2.435	0.22
9/11/2008 17:50	2.434	0.22
9/11/2008 17:55	2.433	0.22
9/11/2008 18:00	2.434	0.22

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/11/2008 18:05	2.433	0.22
9/11/2008 18:10	2.432	0.22
9/11/2008 18:15	2.432	0.22
9/11/2008 18:20	2.432	0.22
9/11/2008 18:25	2.431	0.22
9/11/2008 18:30	2.431	0.22
9/11/2008 18:35	2.431	0.22
9/11/2008 18:40	2.43	0.22
9/11/2008 18:45	2.43	0.22
9/11/2008 18:50	2.43	0.22
9/11/2008 18:55	2.43	0.22
9/11/2008 19:00	2.43	0.22
9/11/2008 19:05	2.429	0.22
9/11/2008 19:10	2.429	0.22
9/11/2008 19:15	2.429	0.22
9/11/2008 19:20	2.429	0.22
9/11/2008 19:25	2.428	0.22
9/11/2008 19:30	2.428	0.22
9/11/2008 19:35	2.427	0.22
9/11/2008 19:40	2.427	0.22
9/11/2008 19:45	2.426	0.22
9/11/2008 19:50	2.426	0.22
9/11/2008 19:55	2.426	0.22
9/11/2008 20:00	2.426	0.22
9/11/2008 20:05	2.425	0.22
9/11/2008 20:10	2.425	0.22
9/11/2008 20:15	2.425	0.22
9/11/2008 20:20	2.425	0.22
9/11/2008 20:25	2.424	0.22
9/11/2008 20:30	2.424	0.22
9/11/2008 20:35	2.424	0.19
9/11/2008 20:40	2.423	0.19
9/11/2008 20:45	2.423	0.19
9/11/2008 20:50	2.423	0.19
9/11/2008 20:55	2.423	0.19
9/11/2008 21:00	2.423	0.19
9/11/2008 21:05	2.422	0.19
9/11/2008 21:10	2.422	0.19
9/11/2008 21:15	2.421	0.19
9/11/2008 21:20	2.42	0.19
9/11/2008 21:25	2.421	0.19
9/11/2008 21:30	2.421	0.19
9/11/2008 21:35	2.42	0.69
9/11/2008 21:40	2.42	0.2

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/11/2008 21:45	2.42	0.2
9/11/2008 21:50	2.42	0.2
9/11/2008 21:55	2.419	0.2
9/11/2008 22:00	2.419	0.2
9/11/2008 22:05	2.419	0.2
9/11/2008 22:10	2.418	0.2
9/11/2008 22:15	2.418	0.2
9/11/2008 22:20	2.418	0.2
9/11/2008 22:25	2.418	0.2
9/11/2008 22:30	2.417	0.2
9/11/2008 22:35	2.417	0.2
9/11/2008 22:40	2.417	0.2
9/11/2008 22:45	2.418	0.2
9/11/2008 22:50	2.417	0.2
9/11/2008 22:55	2.417	0.2
9/11/2008 23:00	2.416	0.2
9/11/2008 23:05	2.416	0.2
9/11/2008 23:10	2.416	0.2
9/11/2008 23:15	2.416	0.2
9/11/2008 23:20	2.416	0.2
9/11/2008 23:25	2.415	0.2
9/11/2008 23:30	2.415	0.2
9/11/2008 23:35	2.415	0.2
9/11/2008 23:40	2.414	0.2
9/11/2008 23:45	2.414	0.2
9/11/2008 23:50	2.414	0.2
9/11/2008 23:55	2.414	0.2
9/12/2008 0:00	2.414	0.2
9/12/2008 0:05	2.414	0.2
9/12/2008 0:10	2.413	0.2
9/12/2008 0:15	2.414	0.2
9/12/2008 0:20	2.414	0.2
9/12/2008 0:25	2.414	0.2
9/12/2008 0:30	2.413	0.2
9/12/2008 0:35	2.413	0.2
9/12/2008 0:40	2.413	0.2
9/12/2008 0:45	2.413	0.45
9/12/2008 0:50	2.413	0.45
9/12/2008 0:55	2.413	0.45
9/12/2008 1:00	2.413	0.45
9/12/2008 1:05	2.413	0.45
9/12/2008 1:10	2.414	0.45
9/12/2008 1:15	2.414	0.45
9/12/2008 1:20	2.413	0.45

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/12/2008 1:25	2.414	0.45
9/12/2008 1:30	2.413	0.18
9/12/2008 1:35	2.414	0.18
9/12/2008 1:40	2.413	0.18
9/12/2008 1:45	2.413	0.18
9/12/2008 1:50	2.413	0.2
9/12/2008 1:55	2.413	0.2
9/12/2008 2:00	2.413	0.18
9/12/2008 2:05	2.413	0.18
9/12/2008 2:10	2.413	0.18
9/12/2008 2:15	2.412	0.18
9/12/2008 2:20	2.413	0.18
9/12/2008 2:25	2.412	0.56
9/12/2008 2:30	2.412	0.56
9/12/2008 2:35	2.413	0.56
9/12/2008 2:40	2.413	0.56
9/12/2008 2:45	2.413	0.56
9/12/2008 2:50	2.412	0.16
9/12/2008 2:55	2.412	0.16
9/12/2008 3:00	2.412	0.16
9/12/2008 3:05	2.412	0.16
9/12/2008 3:10	2.412	0.16
9/12/2008 3:15	2.413	0.2
9/12/2008 3:20	2.413	0.2
9/12/2008 3:25	2.412	0.2
9/12/2008 3:30	2.412	0.2
9/12/2008 3:35	2.412	0.2
9/12/2008 3:40	2.412	0.2
9/12/2008 3:45	2.413	0.2
9/12/2008 3:50	2.412	0.2
9/12/2008 3:55	2.412	0.2
9/12/2008 4:00	2.412	0.2
9/12/2008 4:05	2.412	0.2
9/12/2008 4:10	2.412	0.2
9/12/2008 4:15	2.413	0.36
9/12/2008 4:20	2.413	0.36
9/12/2008 4:25	2.412	0.36
9/12/2008 4:30	2.413	0.36
9/12/2008 4:35	2.413	0.36
9/12/2008 4:40	2.413	0.36
9/12/2008 4:45	2.412	0.36
9/12/2008 4:50	2.412	0.36
9/12/2008 4:55	2.412	0.36
9/12/2008 5:00	2.411	0.36

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/12/2008 5:05	2.411	0.36
9/12/2008 5:10	2.411	0.36
9/12/2008 5:15	2.411	0.36
9/12/2008 5:20	2.411	0.36
9/12/2008 5:25	2.41	0.36
9/12/2008 5:30	2.411	0.36
9/12/2008 5:35	2.41	0.36
9/12/2008 5:40	2.411	0.36
9/12/2008 5:45	2.411	0.36
9/12/2008 5:50	2.411	0.36
9/12/2008 5:55	2.412	0.36
9/12/2008 6:00	2.413	0.36
9/12/2008 6:05	2.413	0.36
9/12/2008 6:10	2.413	0.36
9/12/2008 6:15	2.414	0.36
9/12/2008 6:20	2.414	0.36
9/12/2008 6:25	2.414	0.36
9/12/2008 6:30	2.414	0.36
9/12/2008 6:35	2.414	0.36
9/12/2008 6:40	2.414	0.19
9/12/2008 6:45	2.414	0.19
9/12/2008 6:50	2.414	0.19
9/12/2008 6:55	2.414	0.19
9/12/2008 7:00	2.414	0.17
9/12/2008 7:05	2.413	0.17
9/12/2008 7:10	2.414	0.17
9/12/2008 7:15	2.414	0.17
9/12/2008 7:20	2.414	0.17
9/12/2008 7:25	2.413	0.17
9/12/2008 7:30	2.413	0.17
9/12/2008 7:35	2.413	0.17
9/12/2008 7:40	2.412	0.19
9/12/2008 7:45	2.411	0.18
9/12/2008 7:50	2.413	0.19
9/12/2008 7:55	2.412	0.19
9/12/2008 8:00	2.412	0.19
9/12/2008 8:05	2.412	0.19
9/12/2008 8:10	2.412	0.19
9/12/2008 8:15	2.412	0.18
9/12/2008 8:20	2.412	0.18
9/12/2008 8:25	2.412	0.18
9/12/2008 8:30	2.412	0.18
9/12/2008 8:35	2.412	0.17
9/12/2008 8:40	2.412	0.17

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/12/2008 8:45	2.412	0.17
9/12/2008 8:50	2.412	0.17
9/12/2008 8:55	2.411	0.17
9/12/2008 9:00	2.412	0.18
9/12/2008 9:05	2.412	0.17
9/12/2008 9:10	2.411	0.17
9/12/2008 9:15	2.412	0.17
9/12/2008 9:20	2.413	0.17
9/12/2008 9:25	2.413	0.17
9/12/2008 9:30	2.413	0.17
9/12/2008 9:35	2.414	0.17
9/12/2008 9:40	2.414	0.17
9/12/2008 9:45	2.413	0.17
9/12/2008 9:50	2.413	0.17
9/12/2008 9:55	2.413	0.17
9/12/2008 10:00	2.413	0.17
9/12/2008 10:05	2.412	0.17
9/12/2008 10:10	2.412	0.17
9/12/2008 10:15	2.412	0.17
9/12/2008 10:20	2.411	0.17
9/12/2008 10:25	2.411	0.18
9/12/2008 10:30	2.411	0.18
9/12/2008 10:35	2.411	0.18
9/12/2008 10:40	2.41	0.18
9/12/2008 10:45	2.411	0.18
9/12/2008 10:50	2.41	0.18
9/12/2008 10:55	2.411	0.24
9/12/2008 11:00	2.41	0.24
9/12/2008 11:05	2.41	0.24
9/12/2008 11:10	2.41	0.24
9/12/2008 11:15	2.41	0.24
9/12/2008 11:20	2.409	0.17
9/12/2008 11:25	2.41	0.31
9/12/2008 11:30	2.409	0.31
9/12/2008 11:35	2.41	0.27
9/12/2008 11:40	2.409	0.27
9/12/2008 11:45	2.409	0.27
9/12/2008 11:50	2.408	0.27
9/12/2008 11:55	2.409	0.27
9/12/2008 12:00	2.408	0.27
9/12/2008 12:05	2.408	0.17
9/12/2008 12:10	2.408	0.17
9/12/2008 12:15	2.408	0.17
9/12/2008 12:20	2.407	0.17

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/12/2008 12:25	2.407	0.17
9/12/2008 12:30	2.407	0.17
9/12/2008 12:35	2.406	0.27
9/12/2008 12:40	2.406	0.27
9/12/2008 12:45	2.406	0.16
9/12/2008 12:50	2.405	0.19
9/12/2008 12:55	2.406	0.19
9/12/2008 13:00	2.406	0.19
9/12/2008 13:05	2.404	0.19
9/12/2008 13:10	2.403	0.19
9/12/2008 13:15	2.402	0.45
9/12/2008 13:20	2.401	0.45
9/12/2008 13:25	2.4	0.45
9/12/2008 13:30	2.399	0.29
9/12/2008 13:35	2.399	0.29
9/12/2008 13:40	2.398	0.29
9/12/2008 13:45	2.397	0.25
9/12/2008 13:50	2.396	0.25
9/12/2008 13:55	2.396	0.25
9/12/2008 14:00	2.396	0.25
9/12/2008 14:05	2.395	0.25
9/12/2008 14:10	2.396	0.25
9/12/2008 14:15	2.395	0.25
9/12/2008 14:20	2.394	0.25
9/12/2008 14:25	2.394	0.25
9/12/2008 14:30	2.393	0.25
9/12/2008 14:35	2.393	0.15
9/12/2008 14:40	2.393	0.15
9/12/2008 14:45	2.393	0.15
9/12/2008 14:50	2.393	0.15
9/12/2008 14:55	2.393	0.15
9/12/2008 15:00	2.392	0.16
9/12/2008 15:05	2.392	0.16
9/12/2008 15:10	2.392	0.16
9/12/2008 15:15	2.392	0.16
9/12/2008 15:20	2.392	0.16
9/12/2008 15:25	2.393	0.16
9/12/2008 15:30	2.398	0.16
9/12/2008 15:35	2.407	0.16
9/12/2008 15:40	2.416	0.18
9/12/2008 15:45	2.421	0.18
9/12/2008 15:50	2.422	0.18
9/12/2008 15:55	2.422	0.18
9/12/2008 16:00	2.423	0.21

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Upstream Level Level ft 0.001 5	Upstream Velocity Velocity ft/s 0.01 4
9/12/2008 16:05	2.428	0.21
9/12/2008 16:10	2.435	0.21
9/12/2008 16:15	2.438	0.21
9/12/2008 16:20	2.437	0.23
9/12/2008 16:25	2.434	0.23
9/12/2008 16:30	2.43	0.23
9/12/2008 16:35	2.427	0.23
9/12/2008 16:40	2.425	0.23
9/12/2008 16:45	2.424	0.23
9/12/2008 16:50	2.425	0.23
9/12/2008 16:55	2.429	0.23
9/12/2008 17:00	2.434	0.2
9/12/2008 17:05	2.438	0.2
9/12/2008 17:10	2.439	0.23
9/12/2008 17:15	2.439	0.22
9/12/2008 17:20	2.441	0.22
9/12/2008 17:25	2.443	0.24
9/12/2008 17:30	2.45	0.25

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/29/2008 0:05	0.346	7.64
8/29/2008 0:10	0.348	7.64
8/29/2008 0:15	0.348	7.64
8/29/2008 0:20	0.351	7.64
8/29/2008 0:25	0.354	7.64
8/29/2008 0:30	0.351	7.64
8/29/2008 0:35	0.352	7.64
8/29/2008 0:40	0.356	7.64
8/29/2008 0:45	0.355	7.64
8/29/2008 0:50	0.357	7.64
8/29/2008 0:55	0.353	7.64
8/29/2008 1:00	0.351	7.64
8/29/2008 1:05	0.352	7.64
8/29/2008 1:10	0.355	7.64
8/29/2008 1:15	0.355	7.64
8/29/2008 1:20	0.351	7.64
8/29/2008 1:25	0.353	7.64
8/29/2008 1:30	0.358	7.64
8/29/2008 1:35	0.355	7.64
8/29/2008 1:40	0.355	7.64
8/29/2008 1:45	0.352	9.18
8/29/2008 1:50	0.356	9.18
8/29/2008 1:55	0.353	9.18
8/29/2008 2:00	0.352	9.18
8/29/2008 2:05	0.349	9.18
8/29/2008 2:10	0.347	9.18
8/29/2008 2:15	0.346	9.18
8/29/2008 2:20	0.345	9.18
8/29/2008 2:25	0.347	9.18
8/29/2008 2:30	0.347	9.18
8/29/2008 2:35	0.347	9.18
8/29/2008 2:40	0.345	9.18
8/29/2008 2:45	0.346	9.18
8/29/2008 2:50	0.345	9.18
8/29/2008 2:55	0.343	9.18
8/29/2008 3:00	0.344	9.18
8/29/2008 3:05	0.346	9.18
8/29/2008 3:10	0.348	9.18
8/29/2008 3:15	0.343	0.15
8/29/2008 3:20	0.334	0.15
8/29/2008 3:25	0.332	0.15
8/29/2008 3:30	0.333	0.15
8/29/2008 3:35	0.333	0.15
8/29/2008 3:40	0.334	0.15

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/29/2008 3:45	0.337	0.15
8/29/2008 3:50	0.339	0.15
8/29/2008 3:55	0.337	0.15
8/29/2008 4:00	0.34	0.15
8/29/2008 4:05	0.343	0.15
8/29/2008 4:10	0.345	0.15
8/29/2008 4:15	0.34	0.14
8/29/2008 4:20	0.342	0.14
8/29/2008 4:25	0.341	0.14
8/29/2008 4:30	0.342	0.17
8/29/2008 4:35	0.343	0.17
8/29/2008 4:40	0.34	0.15
8/29/2008 4:45	0.343	0.23
8/29/2008 4:50	0.343	0.23
8/29/2008 4:55	0.345	0.23
8/29/2008 5:00	0.345	0.23
8/29/2008 5:05	0.336	0.23
8/29/2008 5:10	0.329	0.23
8/29/2008 5:15	0.321	0.23
8/29/2008 5:20	0.318	0.23
8/29/2008 5:25	0.315	0.23
8/29/2008 5:30	0.313	0.23
8/29/2008 5:35	0.311	0.23
8/29/2008 5:40	0.31	0.23
8/29/2008 5:45	0.31	0.23
8/29/2008 5:50	0.308	0.23
8/29/2008 5:55	0.309	0.23
8/29/2008 6:00	0.31	0.23
8/29/2008 6:05	0.312	0.23
8/29/2008 6:10	0.31	0.23
8/29/2008 6:15	0.311	0.23
8/29/2008 6:20	0.311	0.23
8/29/2008 6:25	0.312	0.23
8/29/2008 6:30	0.315	0.23
8/29/2008 6:35	0.316	0.23
8/29/2008 6:40	0.315	0.23
8/29/2008 6:45	0.316	0.23
8/29/2008 6:50	0.316	0.23
8/29/2008 6:55	0.316	0.23
8/29/2008 7:00	0.317	0.23
8/29/2008 7:05	0.316	0.23
8/29/2008 7:10	0.318	0.23
8/29/2008 7:15	0.32	0.23
8/29/2008 7:20	0.32	0.23

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/29/2008 7:25	0.321	0.23
8/29/2008 7:30	0.32	0.23
8/29/2008 7:35	0.32	0.23
8/29/2008 7:40	0.32	0.23
8/29/2008 7:45	0.322	0.23
8/29/2008 7:50	0.323	0.23
8/29/2008 7:55	0.324	0.23
8/29/2008 8:00	0.324	0.13
8/29/2008 8:05	0.323	0.13
8/29/2008 8:10	0.322	0.13
8/29/2008 8:15	0.322	0.3
8/29/2008 8:20	0.32	0.3
8/29/2008 8:25	0.317	0.3
8/29/2008 8:30	0.315	0.3
8/29/2008 8:35	0.315	0.3
8/29/2008 8:40	0.318	0.3
8/29/2008 8:45	0.321	0.3
8/29/2008 8:50	0.322	0.3
8/29/2008 8:55	0.323	0.3
8/29/2008 9:00	0.324	0.3
8/29/2008 9:05	0.323	0.3
8/29/2008 9:10	0.323	0.3
8/29/2008 9:15	0.32	0.3
8/29/2008 9:20	0.322	0.3
8/29/2008 9:25	0.322	0.3
8/29/2008 9:30	0.324	0.3
8/29/2008 9:35	0.325	0.3
8/29/2008 9:40	0.325	0.3
8/29/2008 9:45	0.328	0.3
8/29/2008 9:50	0.329	0.3
8/29/2008 9:55	0.329	0.3
8/29/2008 10:00	0.33	0.3
8/29/2008 10:05	0.33	0.3
8/29/2008 10:10	0.327	0.3
8/29/2008 10:15	0.328	0.3
8/29/2008 10:20	0.329	0.3
8/29/2008 10:25	0.329	0.3
8/29/2008 10:30	0.326	0.3
8/29/2008 10:35	0.327	0.3
8/29/2008 10:40	0.327	0.3
8/29/2008 10:45	0.328	0.3
8/29/2008 10:50	0.329	0.3
8/29/2008 10:55	0.329	0.3
8/29/2008 11:00	0.33	0.3

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/29/2008 11:05	0.33	0.3
8/29/2008 11:10	0.331	0.3
8/29/2008 11:15	0.331	0.3
8/29/2008 11:20	0.333	0.3
8/29/2008 11:25	0.333	0.3
8/29/2008 11:30	0.328	0.3
8/29/2008 11:35	0.328	0.3
8/29/2008 11:40	0.762	0.81
8/29/2008 11:45	0.829	0.74
8/29/2008 11:50	0.858	0.76
8/29/2008 11:55	0.854	0.8
8/29/2008 12:00	0.85	0.79
8/29/2008 12:05	0.847	0.75
8/29/2008 12:10	0.844	0.74
8/29/2008 12:15	0.841	0.73
8/29/2008 12:20	0.839	0.74
8/29/2008 12:25	0.838	0.78
8/29/2008 12:30	0.836	0.75
8/29/2008 12:35	0.834	0.71
8/29/2008 12:40	0.831	0.76
8/29/2008 12:45	0.828	0.76
8/29/2008 12:50	0.827	0.71
8/29/2008 12:55	0.827	0.73
8/29/2008 13:00	0.824	0.77
8/29/2008 13:05	0.824	0.74
8/29/2008 13:10	0.822	0.71
8/29/2008 13:15	0.82	0.74
8/29/2008 13:20	0.818	0.72
8/29/2008 13:25	0.816	0.7
8/29/2008 13:30	0.814	0.76
8/29/2008 13:35	0.814	0.75
8/29/2008 13:40	0.812	0.74
8/29/2008 13:45	0.81	0.69
8/29/2008 13:50	0.809	0.74
8/29/2008 13:55	0.806	0.77
8/29/2008 14:00	0.804	0.77
8/29/2008 14:05	0.804	0.72
8/29/2008 14:10	0.802	0.74
8/29/2008 14:15	0.8	0.77
8/29/2008 14:20	0.797	0.74
8/29/2008 14:25	0.795	0.71
8/29/2008 14:30	0.793	0.73
8/29/2008 14:35	0.792	0.73
8/29/2008 14:40	0.787	0.75

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Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/29/2008 14:45	0.786	0.7
8/29/2008 14:50	0.786	0.74
8/29/2008 14:55	0.785	0.73
8/29/2008 15:00	0.784	0.79
8/29/2008 15:05	0.783	0.76
8/29/2008 15:10	0.781	0.75
8/29/2008 15:15	0.778	0.84
8/29/2008 15:20	0.777	0.8
8/29/2008 15:25	0.776	0.82
8/29/2008 15:30	0.775	0.78
8/29/2008 15:35	0.774	0.78
8/29/2008 15:40	0.773	0.75
8/29/2008 15:45	0.772	0.73
8/29/2008 15:50	0.77	0.73
8/29/2008 15:55	0.769	0.74
8/29/2008 16:00	0.768	0.84
8/29/2008 16:05	0.767	0.79
8/29/2008 16:10	0.764	0.73
8/29/2008 16:15	0.763	0.74
8/29/2008 16:20	0.762	0.83
8/29/2008 16:25	0.76	0.81
8/29/2008 16:30	0.757	0.83
8/29/2008 16:35	0.757	0.82
8/29/2008 16:40	0.754	0.82
8/29/2008 16:45	0.754	0.82
8/29/2008 16:50	0.754	0.79
8/29/2008 16:55	0.817	0.83
8/29/2008 17:00	0.733	0.82
8/29/2008 17:05	0.706	0.84
8/29/2008 17:10	0.705	0.96
8/29/2008 17:15	0.717	0.89
8/29/2008 17:20	0.72	0.86
8/29/2008 17:25	0.711	0.95
8/29/2008 17:30	0.789	0.84
8/29/2008 17:35	0.793	0.79
8/29/2008 17:40	0.768	0.82
8/29/2008 17:45	0.767	0.87
8/29/2008 17:50	0.928	0.89
8/29/2008 17:55	1.016	1
8/29/2008 18:00	1.007	0.95
8/29/2008 18:05	0.993	0.89
8/29/2008 18:10	0.976	0.87
8/29/2008 18:15	0.974	0.89
8/29/2008 18:20	0.971	0.87

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Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/29/2008 18:25	0.966	0.84
8/29/2008 18:30	0.962	0.86
8/29/2008 18:35	0.961	0.86
8/29/2008 18:40	0.955	0.89
8/29/2008 18:45	0.953	0.85
8/29/2008 18:50	0.952	0.87
8/29/2008 18:55	0.93	0.82
8/29/2008 19:00	0.905	0.79
8/29/2008 19:05	0.848	0.68
8/29/2008 19:10	0.745	0.67
8/29/2008 19:15	0.693	0.84
8/29/2008 19:20	0.648	0.84
8/29/2008 19:25	0.596	0.82
8/29/2008 19:30	0.571	0.68
8/29/2008 19:35	0.543	0.55
8/29/2008 19:40	0.526	0.63
8/29/2008 19:45	0.519	0.59
8/29/2008 19:50	0.508	0.97
8/29/2008 19:55	0.499	0.56
8/29/2008 20:00	0.493	1
8/29/2008 20:05	0.512	0.76
8/29/2008 20:10	0.515	0.42
8/29/2008 20:15	0.504	0.42
8/29/2008 20:20	0.497	0.42
8/29/2008 20:25	0.493	0.42
8/29/2008 20:30	0.489	1.01
8/29/2008 20:35	0.483	0.63
8/29/2008 20:40	0.482	0.63
8/29/2008 20:45	0.476	0.6
8/29/2008 20:50	0.474	0.6
8/29/2008 20:55	0.468	0.53
8/29/2008 21:00	0.468	0.53
8/29/2008 21:05	0.466	0.53
8/29/2008 21:10	0.458	0.53
8/29/2008 21:15	0.45	0.86
8/29/2008 21:20	0.45	0.86
8/29/2008 21:25	0.455	0.75
8/29/2008 21:30	0.459	0.75
8/29/2008 21:35	0.457	0.75
8/29/2008 21:40	0.451	0.75
8/29/2008 21:45	0.45	0.75
8/29/2008 21:50	0.446	0.59
8/29/2008 21:55	0.45	0.59
8/29/2008 22:00	0.448	0.59

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
8/29/2008 22:05	0.446	0.59
8/29/2008 22:10	0.449	0.76
8/29/2008 22:15	0.455	0.61
8/29/2008 22:20	0.453	0.61
8/29/2008 22:25	0.455	0.61
8/29/2008 22:30	0.453	0.61
8/29/2008 22:35	0.455	0.61
8/29/2008 22:40	0.459	0.61
8/29/2008 22:45	0.457	0.61
8/29/2008 22:50	0.457	0.61
8/29/2008 22:55	0.458	0.61
8/29/2008 23:00	0.456	0.61
8/29/2008 23:05	0.458	0.61
8/29/2008 23:10	0.457	0.61
8/29/2008 23:15	0.455	0.61
8/29/2008 23:20	0.458	0.61
8/29/2008 23:25	0.459	0.61
8/29/2008 23:30	0.46	0.61
8/29/2008 23:35	0.461	0.61
8/29/2008 23:40	0.459	0.61
8/29/2008 23:45	0.457	0.61
8/29/2008 23:50	0.457	0.61
8/29/2008 23:55	0.459	0.61
8/30/2008 0:00	0.459	0.61
8/30/2008 0:05	0.46	0.61
8/30/2008 0:10	0.459	0.61
8/30/2008 0:15	0.46	0.61
8/30/2008 0:20	0.46	0.61
8/30/2008 0:25	0.456	0.61
8/30/2008 0:30	0.457	0.61
8/30/2008 0:35	0.461	0.61
8/30/2008 0:40	0.459	0.37
8/30/2008 0:45	0.466	0.37
8/30/2008 0:50	0.465	0.37
8/30/2008 0:55	0.468	0.37
8/30/2008 1:00	0.466	0.37
8/30/2008 1:05	0.467	0.37
8/30/2008 1:10	0.463	0.37
8/30/2008 1:15	0.459	0.37
8/30/2008 1:20	0.454	0.37
8/30/2008 1:25	0.45	0.37
8/30/2008 1:30	0.44	0.37
8/30/2008 1:35	0.429	0.37
8/30/2008 1:40	0.422	0.37

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/30/2008 1:45	0.419	0.4
8/30/2008 1:50	0.423	0.44
8/30/2008 1:55	0.421	0.64
8/30/2008 2:00	0.414	0.7
8/30/2008 2:05	0.422	0.58
8/30/2008 2:10	0.424	0.5
8/30/2008 2:15	0.42	0.5
8/30/2008 2:20	0.419	0.39
8/30/2008 2:25	0.424	0.39
8/30/2008 2:30	0.423	0.39
8/30/2008 2:35	0.423	0.39
8/30/2008 2:40	0.422	0.39
8/30/2008 2:45	0.421	0.39
8/30/2008 2:50	0.421	0.39
8/30/2008 2:55	0.42	0.39
8/30/2008 3:00	0.421	0.39
8/30/2008 3:05	0.421	0.39
8/30/2008 3:10	0.418	0.39
8/30/2008 3:15	0.42	0.39
8/30/2008 3:20	0.421	0.39
8/30/2008 3:25	0.42	0.39
8/30/2008 3:30	0.419	0.39
8/30/2008 3:35	0.418	0.39
8/30/2008 3:40	0.418	0.39
8/30/2008 3:45	0.419	0.39
8/30/2008 3:50	0.416	0.39
8/30/2008 3:55	0.419	0.39
8/30/2008 4:00	0.418	0.39
8/30/2008 4:05	0.414	0.39
8/30/2008 4:10	0.407	0.39
8/30/2008 4:15	0.407	0.39
8/30/2008 4:20	0.406	0.39
8/30/2008 4:25	0.394	0.39
8/30/2008 4:30	0.389	0.39
8/30/2008 4:35	0.379	0.39
8/30/2008 4:40	0.376	0.39
8/30/2008 4:45	0.373	0.39
8/30/2008 4:50	0.37	0.39
8/30/2008 4:55	0.37	0.39
8/30/2008 5:00	0.369	0.1
8/30/2008 5:05	0.375	0.1
8/30/2008 5:10	0.373	0.1
8/30/2008 5:15	0.372	0.1
8/30/2008 5:20	0.372	0.1

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/30/2008 5:25	0.37	0.1
8/30/2008 5:30	0.372	0.1
8/30/2008 5:35	0.371	0.1
8/30/2008 5:40	0.372	0.1
8/30/2008 5:45	0.373	0.1
8/30/2008 5:50	0.375	0.1
8/30/2008 5:55	0.374	0.1
8/30/2008 6:00	0.373	0.1
8/30/2008 6:05	0.375	0.1
8/30/2008 6:10	0.376	0.1
8/30/2008 6:15	0.373	0.1
8/30/2008 6:20	0.374	0.1
8/30/2008 6:25	0.373	0.1
8/30/2008 6:30	0.373	0.1
8/30/2008 6:35	0.373	0.1
8/30/2008 6:40	0.372	0.1
8/30/2008 6:45	0.37	0.1
8/30/2008 6:50	0.369	0.1
8/30/2008 6:55	0.367	0.1
8/30/2008 7:00	0.368	0.1
8/30/2008 7:05	0.367	0.1
8/30/2008 7:10	0.366	0.1
8/30/2008 7:15	0.364	0.1
8/30/2008 7:20	0.364	0.1
8/30/2008 7:25	0.365	0.1
8/30/2008 7:30	0.366	0.1
8/30/2008 7:35	0.365	0.1
8/30/2008 7:40	0.365	0.1
8/30/2008 7:45	0.364	0.1
8/30/2008 7:50	0.366	0.1
8/30/2008 7:55	0.368	0.1
8/30/2008 8:00	0.369	0.1
8/30/2008 8:05	0.368	0.1
8/30/2008 8:10	0.369	0.1
8/30/2008 8:15	0.369	0.1
8/30/2008 8:20	0.369	0.1
8/30/2008 8:25	0.371	0.1
8/30/2008 8:30	0.37	0.1
8/30/2008 8:35	0.37	0.1
8/30/2008 8:40	0.372	0.1
8/30/2008 8:45	0.369	0.1
8/30/2008 8:50	0.37	0.1
8/30/2008 8:55	0.371	0.1
8/30/2008 9:00	0.372	0.1

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/30/2008 9:05	0.373	0.1
8/30/2008 9:10	0.373	0.1
8/30/2008 9:15	0.374	0.1
8/30/2008 9:20	0.375	0.1
8/30/2008 9:25	0.376	0.1
8/30/2008 9:30	0.376	0.1
8/30/2008 9:35	0.377	0.1
8/30/2008 9:40	0.375	0.1
8/30/2008 9:45	0.376	0.1
8/30/2008 9:50	0.376	0.1
8/30/2008 9:55	0.378	0.1
8/30/2008 10:00	0.378	0.1
8/30/2008 10:05	0.379	0.1
8/30/2008 10:10	0.378	0.1
8/30/2008 10:15	0.38	0.1
8/30/2008 10:20	0.379	0.1
8/30/2008 10:25	0.38	0.1
8/30/2008 10:30	0.38	0.1
8/30/2008 10:35	0.381	0.1
8/30/2008 10:40	0.382	0.1
8/30/2008 10:45	0.382	0.1
8/30/2008 10:50	0.381	0.1
8/30/2008 10:55	0.382	0.1
8/30/2008 11:00	0.382	0.1
8/30/2008 11:05	0.383	0.1
8/30/2008 11:10	0.384	0.1
8/30/2008 11:15	0.384	0.1
8/30/2008 11:20	0.382	0.1
8/30/2008 11:25	0.381	0.1
8/30/2008 11:30	0.383	0.1
8/30/2008 11:35	0.383	0.1
8/30/2008 11:40	0.384	0.1
8/30/2008 11:45	0.38	0.94
8/30/2008 11:50	0.386	1.55
8/30/2008 11:55	0.388	1.55
8/30/2008 12:00	0.386	1.55
8/30/2008 12:05	0.387	1.55
8/30/2008 12:10	0.385	1.55
8/30/2008 12:15	0.386	1.24
8/30/2008 12:20	0.388	1.24
8/30/2008 12:25	0.386	1.24
8/30/2008 12:30	0.385	1.24
8/30/2008 12:35	0.384	1.24
8/30/2008 12:40	0.384	1.24

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/30/2008 12:45	0.383	1.24
8/30/2008 12:50	0.382	1.24
8/30/2008 12:55	0.385	1.24
8/30/2008 13:00	0.386	1.24
8/30/2008 13:05	0.387	1.24
8/30/2008 13:10	0.386	1.24
8/30/2008 13:15	0.384	1.24
8/30/2008 13:20	0.389	1.24
8/30/2008 13:25	0.387	1.24
8/30/2008 13:30	0.386	1.37
8/30/2008 13:35	0.387	1.37
8/30/2008 13:40	0.385	1.37
8/30/2008 13:45	0.387	1.37
8/30/2008 13:50	0.387	1.37
8/30/2008 13:55	0.385	1.37
8/30/2008 14:00	0.386	1.37
8/30/2008 14:05	0.387	1.47
8/30/2008 14:10	0.388	1.47
8/30/2008 14:15	0.388	1.47
8/30/2008 14:20	0.386	1.47
8/30/2008 14:25	0.387	1.47
8/30/2008 14:30	0.386	1.47
8/30/2008 14:35	0.387	1.47
8/30/2008 14:40	0.387	1.47
8/30/2008 14:45	0.387	1.39
8/30/2008 14:50	0.395	1.68
8/30/2008 14:55	0.393	1.68
8/30/2008 15:00	0.391	1.68
8/30/2008 15:05	0.39	1.65
8/30/2008 15:10	0.391	1.65
8/30/2008 15:15	0.39	1.65
8/30/2008 15:20	0.392	1.65
8/30/2008 15:25	0.395	1.65
8/30/2008 15:30	0.395	1.65
8/30/2008 15:35	0.394	1.65
8/30/2008 15:40	0.392	1.65
8/30/2008 15:45	0.393	1.59
8/30/2008 15:50	0.395	1.59
8/30/2008 15:55	0.392	1.59
8/30/2008 16:00	0.392	1.59
8/30/2008 16:05	0.395	1.59
8/30/2008 16:10	0.394	1.59
8/30/2008 16:15	0.392	1.59
8/30/2008 16:20	0.391	1.59

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/30/2008 16:25	0.391	1.59
8/30/2008 16:30	0.39	1.59
8/30/2008 16:35	0.392	1.59
8/30/2008 16:40	0.39	1.59
8/30/2008 16:45	0.388	1.59
8/30/2008 16:50	0.39	1.59
8/30/2008 16:55	0.391	1.59
8/30/2008 17:00	0.39	1.59
8/30/2008 17:05	0.391	1.59
8/30/2008 17:10	0.392	1.65
8/30/2008 17:15	0.392	1.65
8/30/2008 17:20	0.392	1.65
8/30/2008 17:25	0.39	1.82
8/30/2008 17:30	0.393	1.82
8/30/2008 17:35	0.392	1.82
8/30/2008 17:40	0.392	1.82
8/30/2008 17:45	0.393	1.54
8/30/2008 17:50	0.399	1.54
8/30/2008 17:55	0.397	1.54
8/30/2008 18:00	0.394	1.54
8/30/2008 18:05	0.394	1.54
8/30/2008 18:10	0.391	1.54
8/30/2008 18:15	0.389	1.54
8/30/2008 18:20	0.391	1.54
8/30/2008 18:25	0.391	1.54
8/30/2008 18:30	0.392	1.54
8/30/2008 18:35	0.394	1.54
8/30/2008 18:40	0.39	1.54
8/30/2008 18:45	0.383	1.54
8/30/2008 18:50	0.375	1.54
8/30/2008 18:55	0.371	1.54
8/30/2008 19:00	0.369	1.54
8/30/2008 19:05	0.37	1.54
8/30/2008 19:10	0.373	1.54
8/30/2008 19:15	0.371	1.54
8/30/2008 19:20	0.373	1.27
8/30/2008 19:25	0.378	1.27
8/30/2008 19:30	0.372	1.27
8/30/2008 19:35	0.364	1.27
8/30/2008 19:40	0.361	1.38
8/30/2008 19:45	0.364	1.38
8/30/2008 19:50	0.363	1.38
8/30/2008 19:55	0.361	1.38
8/30/2008 20:00	0.354	1.38

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/30/2008 20:05	0.356	1.38
8/30/2008 20:10	0.356	1.38
8/30/2008 20:15	0.356	1.38
8/30/2008 20:20	0.359	0.13
8/30/2008 20:25	0.364	0.14
8/30/2008 20:30	0.364	0.14
8/30/2008 20:35	0.364	0.14
8/30/2008 20:40	0.364	0.14
8/30/2008 20:45	0.364	0.14
8/30/2008 20:50	0.367	0.17
8/30/2008 20:55	0.373	0.19
8/30/2008 21:00	0.373	0.19
8/30/2008 21:05	0.372	0.16
8/30/2008 21:10	0.373	0.16
8/30/2008 21:15	0.374	0.15
8/30/2008 21:20	0.374	0.15
8/30/2008 21:25	0.372	0.14
8/30/2008 21:30	0.367	0.14
8/30/2008 21:35	0.366	0.14
8/30/2008 21:40	0.368	0.14
8/30/2008 21:45	0.367	0.14
8/30/2008 21:50	0.373	0.14
8/30/2008 21:55	0.375	0.14
8/30/2008 22:00	0.378	0.14
8/30/2008 22:05	0.382	0.14
8/30/2008 22:10	0.383	0.14
8/30/2008 22:15	0.384	0.14
8/30/2008 22:20	0.386	0.14
8/30/2008 22:25	0.381	0.74
8/30/2008 22:30	0.384	0.74
8/30/2008 22:35	0.383	0.74
8/30/2008 22:40	0.383	0.74
8/30/2008 22:45	0.378	0.74
8/30/2008 22:50	0.375	0.74
8/30/2008 22:55	0.37	0.74
8/30/2008 23:00	0.361	0.74
8/30/2008 23:05	0.359	0.74
8/30/2008 23:10	0.356	0.74
8/30/2008 23:15	0.353	0.74
8/30/2008 23:20	0.355	0.74
8/30/2008 23:25	0.355	0.74
8/30/2008 23:30	0.355	0.74
8/30/2008 23:35	0.358	0.74
8/30/2008 23:40	0.355	0.74

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/30/2008 23:45	0.359	0.74
8/30/2008 23:50	0.37	0.74
8/30/2008 23:55	0.379	0.2
8/31/2008 0:00	0.434	0.2
8/31/2008 0:05	0.379	0.2
8/31/2008 0:10	0.38	0.2
8/31/2008 0:15	0.377	0.2
8/31/2008 0:20	0.378	0.2
8/31/2008 0:25	0.379	0.2
8/31/2008 0:30	0.385	0.2
8/31/2008 0:35	0.38	0.2
8/31/2008 0:40	0.38	0.2
8/31/2008 0:45	0.381	0.2
8/31/2008 0:50	0.382	0.2
8/31/2008 0:55	0.38	0.2
8/31/2008 1:00	0.373	0.2
8/31/2008 1:05	0.368	0.13
8/31/2008 1:10	0.374	0.13
8/31/2008 1:15	0.372	0.13
8/31/2008 1:20	0.373	0.13
8/31/2008 1:25	0.373	0.13
8/31/2008 1:30	0.372	0.11
8/31/2008 1:35	0.374	0.11
8/31/2008 1:40	0.376	0.12
8/31/2008 1:45	0.375	0.12
8/31/2008 1:50	0.376	0.12
8/31/2008 1:55	0.377	0.11
8/31/2008 2:00	0.379	0.11
8/31/2008 2:05	0.378	0.11
8/31/2008 2:10	0.376	0.11
8/31/2008 2:15	0.374	0.14
8/31/2008 2:20	0.376	0.14
8/31/2008 2:25	0.374	0.14
8/31/2008 2:30	0.372	0.14
8/31/2008 2:35	0.368	0.14
8/31/2008 2:40	0.371	0.14
8/31/2008 2:45	0.371	0.14
8/31/2008 2:50	0.371	0.14
8/31/2008 2:55	0.373	0.14
8/31/2008 3:00	0.371	0.14
8/31/2008 3:05	0.37	0.13
8/31/2008 3:10	0.375	0.12
8/31/2008 3:15	0.378	0.12
8/31/2008 3:20	0.377	0.11

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Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/31/2008 3:25	0.374	0.11
8/31/2008 3:30	0.371	0.11
8/31/2008 3:35	0.369	0.11
8/31/2008 3:40	0.372	0.15
8/31/2008 3:45	0.375	0.14
8/31/2008 3:50	0.374	0.14
8/31/2008 3:55	0.37	0.13
8/31/2008 4:00	0.369	0.13
8/31/2008 4:05	0.366	0.13
8/31/2008 4:10	0.364	0.13
8/31/2008 4:15	0.358	0.11
8/31/2008 4:20	0.352	0.11
8/31/2008 4:25	0.35	0.11
8/31/2008 4:30	0.351	0.11
8/31/2008 4:35	0.35	0.11
8/31/2008 4:40	0.354	0.12
8/31/2008 4:45	0.356	0.12
8/31/2008 4:50	0.356	0.12
8/31/2008 4:55	0.357	0.12
8/31/2008 5:00	0.356	0.12
8/31/2008 5:05	0.357	0.12
8/31/2008 5:10	0.357	0.12
8/31/2008 5:15	0.359	0.12
8/31/2008 5:20	0.359	0.1
8/31/2008 5:25	0.36	0.1
8/31/2008 5:30	0.36	0.1
8/31/2008 5:35	0.357	0.1
8/31/2008 5:40	0.354	0.1
8/31/2008 5:45	0.355	0.1
8/31/2008 5:50	0.355	0.1
8/31/2008 5:55	0.351	0.1
8/31/2008 6:00	0.351	0.11
8/31/2008 6:05	0.352	0.11
8/31/2008 6:10	0.352	0.11
8/31/2008 6:15	0.35	0.12
8/31/2008 6:20	0.357	0.12
8/31/2008 6:25	0.354	0.12
8/31/2008 6:30	0.349	0.12
8/31/2008 6:35	0.34	0.12
8/31/2008 6:40	0.339	0.12
8/31/2008 6:45	0.337	0.12
8/31/2008 6:50	0.336	0.12
8/31/2008 6:55	0.335	0.12
8/31/2008 7:00	0.337	0.12

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
8/31/2008 7:05	0.337	0.12
8/31/2008 7:10	0.338	0.12
8/31/2008 7:15	0.335	0.12
8/31/2008 7:20	0.336	0.12
8/31/2008 7:25	0.334	0.12
8/31/2008 7:30	0.336	0.09
8/31/2008 7:35	0.336	0.09
8/31/2008 7:40	0.338	0.09
8/31/2008 7:45	0.34	0.08
8/31/2008 7:50	0.343	0.1
8/31/2008 7:55	0.341	0.1
8/31/2008 8:00	0.34	0.1
8/31/2008 8:05	0.34	0.09
8/31/2008 8:10	0.344	0.09
8/31/2008 8:15	0.344	0.09
8/31/2008 8:20	0.342	0.09
8/31/2008 8:25	0.341	0.09
8/31/2008 8:30	0.34	0.1
8/31/2008 8:35	0.344	0.08
8/31/2008 8:40	0.348	0.08
8/31/2008 8:45	0.344	0.11
8/31/2008 8:50	0.344	0.11
8/31/2008 8:55	0.343	0.11
8/31/2008 9:00	0.343	0.11
8/31/2008 9:05	0.343	0.12
8/31/2008 9:10	0.349	0.12
8/31/2008 9:15	0.345	0.12
8/31/2008 9:20	0.345	0.12
8/31/2008 9:25	0.345	0.12
8/31/2008 9:30	0.344	0.12
8/31/2008 9:35	0.346	0.09
8/31/2008 9:40	0.346	0.09
8/31/2008 9:45	0.344	0.1
8/31/2008 9:50	0.348	0.1
8/31/2008 9:55	0.346	0.11
8/31/2008 10:00	0.35	0.09
8/31/2008 10:05	0.349	0.09
8/31/2008 10:10	0.347	0.09
8/31/2008 10:15	0.346	0.09
8/31/2008 10:20	0.347	0.09
8/31/2008 10:25	0.348	0.09
8/31/2008 10:30	0.347	0.11
8/31/2008 10:35	0.345	0.1
8/31/2008 10:40	0.351	0.1

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/31/2008 10:45	0.347	0.1
8/31/2008 10:50	0.349	0.1
8/31/2008 10:55	0.347	0.1
8/31/2008 11:00	0.345	0.1
8/31/2008 11:05	0.347	0.1
8/31/2008 11:10	0.349	0.1
8/31/2008 11:15	0.347	0.1
8/31/2008 11:20	0.35	0.11
8/31/2008 11:25	0.35	0.11
8/31/2008 11:30	0.348	0.11
8/31/2008 11:35	0.349	0.11
8/31/2008 11:40	0.348	0.11
8/31/2008 11:45	0.349	0.11
8/31/2008 11:50	0.35	0.11
8/31/2008 11:55	0.347	0.11
8/31/2008 12:00	0.345	0.11
8/31/2008 12:05	0.347	0.11
8/31/2008 12:10	0.345	0.11
8/31/2008 12:15	0.347	0.11
8/31/2008 12:20	0.346	0.11
8/31/2008 12:25	0.347	0.15
8/31/2008 12:30	0.349	0.15
8/31/2008 12:35	0.348	0.12
8/31/2008 12:40	0.351	0.12
8/31/2008 12:45	0.348	0.13
8/31/2008 12:50	0.349	0.13
8/31/2008 12:55	0.349	0.12
8/31/2008 13:00	0.352	0.12
8/31/2008 13:05	0.35	0.13
8/31/2008 13:10	0.352	0.13
8/31/2008 13:15	0.35	0.13
8/31/2008 13:20	0.352	0.13
8/31/2008 13:25	0.348	0.13
8/31/2008 13:30	0.344	0.13
8/31/2008 13:35	0.347	0.13
8/31/2008 13:40	0.345	0.13
8/31/2008 13:45	0.346	0.13
8/31/2008 13:50	0.346	0.13
8/31/2008 13:55	0.345	0.13
8/31/2008 14:00	0.345	0.13
8/31/2008 14:05	0.344	0.13
8/31/2008 14:10	0.344	0.13
8/31/2008 14:15	0.344	0.09
8/31/2008 14:20	0.347	0.09

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/31/2008 14:25	0.348	0.09
8/31/2008 14:30	0.347	0.09
8/31/2008 14:35	0.346	0.09
8/31/2008 14:40	0.345	0.09
8/31/2008 14:45	0.345	0.09
8/31/2008 14:50	0.346	0.09
8/31/2008 14:55	0.346	0.11
8/31/2008 15:00	0.347	0.09
8/31/2008 15:05	0.352	0.09
8/31/2008 15:10	0.351	0.09
8/31/2008 15:15	0.349	0.17
8/31/2008 15:20	0.349	0.17
8/31/2008 15:25	0.347	0.12
8/31/2008 15:30	0.345	0.12
8/31/2008 15:35	0.345	0.07
8/31/2008 15:40	0.349	0.1
8/31/2008 15:45	0.348	0.09
8/31/2008 15:50	0.352	0.07
8/31/2008 15:55	0.353	0.07
8/31/2008 16:00	0.35	0.07
8/31/2008 16:05	0.349	0.1
8/31/2008 16:10	0.353	0.11
8/31/2008 16:15	0.353	0.11
8/31/2008 16:20	0.351	0.11
8/31/2008 16:25	0.349	0.12
8/31/2008 16:30	0.345	0.11
8/31/2008 16:35	0.35	0.11
8/31/2008 16:40	0.348	0.11
8/31/2008 16:45	0.348	0.11
8/31/2008 16:50	0.345	0.11
8/31/2008 16:55	0.346	0.11
8/31/2008 17:00	0.346	0.11
8/31/2008 17:05	0.344	0.11
8/31/2008 17:10	0.345	0.11
8/31/2008 17:15	0.346	0.11
8/31/2008 17:20	0.347	0.1
8/31/2008 17:25	0.349	0.1
8/31/2008 17:30	0.348	0.1
8/31/2008 17:35	0.348	0.12
8/31/2008 17:40	0.347	0.13
8/31/2008 17:45	0.351	0.13
8/31/2008 17:50	0.348	0.12
8/31/2008 17:55	0.347	0.12
8/31/2008 18:00	0.346	0.12

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/31/2008 18:05	0.35	0.12
8/31/2008 18:10	0.348	0.1
8/31/2008 18:15	0.352	0.07
8/31/2008 18:20	0.351	0.07
8/31/2008 18:25	0.351	0.07
8/31/2008 18:30	0.349	0.07
8/31/2008 18:35	0.351	0.07
8/31/2008 18:40	0.352	0.07
8/31/2008 18:45	0.35	0.07
8/31/2008 18:50	0.353	0.07
8/31/2008 18:55	0.353	0.11
8/31/2008 19:00	0.357	0.11
8/31/2008 19:05	0.356	0.11
8/31/2008 19:10	0.357	0.11
8/31/2008 19:15	0.356	0.11
8/31/2008 19:20	0.355	0.11
8/31/2008 19:25	0.355	0.11
8/31/2008 19:30	0.356	0.11
8/31/2008 19:35	0.356	0.08
8/31/2008 19:40	0.357	0.08
8/31/2008 19:45	0.357	0.08
8/31/2008 19:50	0.359	0.12
8/31/2008 19:55	0.36	0.12
8/31/2008 20:00	0.359	0.12
8/31/2008 20:05	0.359	0.12
8/31/2008 20:10	0.359	0.12
8/31/2008 20:15	0.359	0.12
8/31/2008 20:20	0.359	0.12
8/31/2008 20:25	0.357	0.12
8/31/2008 20:30	0.357	0.12
8/31/2008 20:35	0.357	0.17
8/31/2008 20:40	0.358	0.17
8/31/2008 20:45	0.357	0.17
8/31/2008 20:50	0.358	0.09
8/31/2008 20:55	0.358	0.09
8/31/2008 21:00	0.359	0.09
8/31/2008 21:05	0.357	0.09
8/31/2008 21:10	0.358	0.09
8/31/2008 21:15	0.357	0.28
8/31/2008 21:20	0.362	0.28
8/31/2008 21:25	0.362	0.28
8/31/2008 21:30	0.361	0.28
8/31/2008 21:35	0.361	0.16
8/31/2008 21:40	0.362	0.16

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
8/31/2008 21:45	0.359	0.16
8/31/2008 21:50	0.361	0.16
8/31/2008 21:55	0.36	0.16
8/31/2008 22:00	0.359	0.16
8/31/2008 22:05	0.358	0.16
8/31/2008 22:10	0.357	0.16
8/31/2008 22:15	0.358	0.16
8/31/2008 22:20	0.361	0.16
8/31/2008 22:25	0.358	0.16
8/31/2008 22:30	0.352	0.16
8/31/2008 22:35	0.352	0.16
8/31/2008 22:40	0.349	0.16
8/31/2008 22:45	0.346	0.16
8/31/2008 22:50	0.346	0.16
8/31/2008 22:55	0.347	0.16
8/31/2008 23:00	0.349	0.16
8/31/2008 23:05	0.349	0.16
8/31/2008 23:10	0.351	0.16
8/31/2008 23:15	0.354	0.16
8/31/2008 23:20	0.353	0.16
8/31/2008 23:25	0.351	0.16
8/31/2008 23:30	0.354	0.16
8/31/2008 23:35	0.352	0.16
8/31/2008 23:40	0.351	0.16
8/31/2008 23:45	0.353	0.16
8/31/2008 23:50	0.353	0.16
8/31/2008 23:55	0.348	0.16
9/1/2008 0:00	0.343	0.16
9/1/2008 0:05	0.333	0.16
9/1/2008 0:10	0.328	0.16
9/1/2008 0:15	0.329	0.16
9/1/2008 0:20	0.33	0.17
9/1/2008 0:25	0.335	0.17
9/1/2008 0:30	0.337	0.17
9/1/2008 0:35	0.342	0.17
9/1/2008 0:40	0.344	0.17
9/1/2008 0:45	0.347	0.17
9/1/2008 0:50	0.347	0.17
9/1/2008 0:55	0.351	0.17
9/1/2008 1:00	0.353	0.17
9/1/2008 1:05	0.352	0.17
9/1/2008 1:10	0.354	0.17
9/1/2008 1:15	0.355	0.17
9/1/2008 1:20	0.353	0.17

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/1/2008 1:25	0.355	0.17
9/1/2008 1:30	0.355	0.17
9/1/2008 1:35	0.353	0.17
9/1/2008 1:40	0.355	0.17
9/1/2008 1:45	0.356	0.17
9/1/2008 1:50	0.355	0.17
9/1/2008 1:55	0.358	0.17
9/1/2008 2:00	0.358	0.17
9/1/2008 2:05	0.358	0.17
9/1/2008 2:10	0.357	0.17
9/1/2008 2:15	0.353	0.17
9/1/2008 2:20	0.351	0.14
9/1/2008 2:25	0.347	0.12
9/1/2008 2:30	0.333	0.12
9/1/2008 2:35	0.321	0.12
9/1/2008 2:40	0.32	0.12
9/1/2008 2:45	0.32	0.12
9/1/2008 2:50	0.322	0.12
9/1/2008 2:55	0.325	0.1
9/1/2008 3:00	0.331	0.14
9/1/2008 3:05	0.333	0.14
9/1/2008 3:10	0.333	0.14
9/1/2008 3:15	0.333	0.33
9/1/2008 3:20	0.333	0.33
9/1/2008 3:25	0.337	0.33
9/1/2008 3:30	0.337	0.33
9/1/2008 3:35	0.337	0.33
9/1/2008 3:40	0.34	0.33
9/1/2008 3:45	0.343	0.33
9/1/2008 3:50	0.346	0.33
9/1/2008 3:55	0.343	0.33
9/1/2008 4:00	0.343	0.33
9/1/2008 4:05	0.343	0.33
9/1/2008 4:10	0.348	0.33
9/1/2008 4:15	0.346	0.33
9/1/2008 4:20	0.345	0.33
9/1/2008 4:25	0.344	0.33
9/1/2008 4:30	0.345	0.33
9/1/2008 4:35	0.343	0.33
9/1/2008 4:40	0.343	0.33
9/1/2008 4:45	0.342	0.33
9/1/2008 4:50	0.341	0.33
9/1/2008 4:55	0.328	0.33
9/1/2008 5:00	0.311	0.33

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/1/2008 5:05	0.305	0.33
9/1/2008 5:10	0.309	0.33
9/1/2008 5:15	0.312	0.33
9/1/2008 5:20	0.324	0.33
9/1/2008 5:25	0.33	0.33
9/1/2008 5:30	0.334	0.33
9/1/2008 5:35	0.34	0.33
9/1/2008 5:40	0.339	0.33
9/1/2008 5:45	0.339	0.33
9/1/2008 5:50	0.336	0.33
9/1/2008 5:55	0.337	0.33
9/1/2008 6:00	0.337	0.33
9/1/2008 6:05	0.337	0.33
9/1/2008 6:10	0.338	0.33
9/1/2008 6:15	0.34	0.33
9/1/2008 6:20	0.339	0.33
9/1/2008 6:25	0.339	0.33
9/1/2008 6:30	0.34	0.33
9/1/2008 6:35	0.339	0.33
9/1/2008 6:40	0.338	0.33
9/1/2008 6:45	0.341	0.33
9/1/2008 6:50	0.339	0.33
9/1/2008 6:55	0.339	0.33
9/1/2008 7:00	0.337	0.33
9/1/2008 7:05	0.338	0.33
9/1/2008 7:10	0.336	0.33
9/1/2008 7:15	0.337	0.33
9/1/2008 7:20	0.337	0.33
9/1/2008 7:25	0.342	0.33
9/1/2008 7:30	0.343	0.33
9/1/2008 7:35	0.342	0.33
9/1/2008 7:40	0.341	0.33
9/1/2008 7:45	0.342	0.33
9/1/2008 7:50	0.341	0.33
9/1/2008 7:55	0.343	0.33
9/1/2008 8:00	0.343	0.33
9/1/2008 8:05	0.345	0.09
9/1/2008 8:10	0.347	0.09
9/1/2008 8:15	0.347	0.09
9/1/2008 8:20	0.346	0.09
9/1/2008 8:25	0.345	0.09
9/1/2008 8:30	0.345	0.09
9/1/2008 8:35	0.346	0.09
9/1/2008 8:40	0.347	0.09

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/1/2008 8:45	0.346	0.09
9/1/2008 8:50	0.347	0.09
9/1/2008 8:55	0.348	0.09
9/1/2008 9:00	0.348	0.09
9/1/2008 9:05	0.348	0.09
9/1/2008 9:10	0.349	0.09
9/1/2008 9:15	0.348	0.09
9/1/2008 9:20	0.349	0.09
9/1/2008 9:25	0.349	0.09
9/1/2008 9:30	0.349	0.09
9/1/2008 9:35	0.347	0.09
9/1/2008 9:40	0.347	0.09
9/1/2008 9:45	0.349	0.09
9/1/2008 9:50	0.349	0.09
9/1/2008 9:55	0.354	0.09
9/1/2008 10:00	0.353	0.09
9/1/2008 10:05	0.354	0.09
9/1/2008 10:10	0.353	0.14
9/1/2008 10:15	0.356	0.1
9/1/2008 10:20	0.357	0.1
9/1/2008 10:25	0.356	0.1
9/1/2008 10:30	0.356	0.1
9/1/2008 10:35	0.354	0.1
9/1/2008 10:40	0.353	0.1
9/1/2008 10:45	0.353	0.1
9/1/2008 10:50	0.354	0.1
9/1/2008 10:55	0.355	0.1
9/1/2008 11:00	0.355	0.1
9/1/2008 11:05	0.356	0.1
9/1/2008 11:10	0.354	0.1
9/1/2008 11:15	0.351	0.1
9/1/2008 11:20	0.353	0.1
9/1/2008 11:25	0.353	0.13
9/1/2008 11:30	0.353	0.13
9/1/2008 11:35	0.354	0.13
9/1/2008 11:40	0.353	0.13
9/1/2008 11:45	0.352	0.13
9/1/2008 11:50	0.353	0.13
9/1/2008 11:55	0.352	0.13
9/1/2008 12:00	0.353	0.13
9/1/2008 12:05	0.354	0.13
9/1/2008 12:10	0.352	0.12
9/1/2008 12:15	0.354	0.12
9/1/2008 12:20	0.354	0.12

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/1/2008 12:25	0.351	0.12
9/1/2008 12:30	0.351	0.12
9/1/2008 12:35	0.347	0.12
9/1/2008 12:40	0.346	0.12
9/1/2008 12:45	0.346	0.12
9/1/2008 12:50	0.349	0.12
9/1/2008 12:55	0.349	0.12
9/1/2008 13:00	0.345	0.12
9/1/2008 13:05	0.345	0.12
9/1/2008 13:10	0.344	0.12
9/1/2008 13:15	0.347	0.12
9/1/2008 13:20	0.346	0.12
9/1/2008 13:25	0.347	0.12
9/1/2008 13:30	0.341	0.12
9/1/2008 13:35	0.341	0.12
9/1/2008 13:40	0.34	0.12
9/1/2008 13:45	0.341	0.12
9/1/2008 13:50	0.34	0.12
9/1/2008 13:55	0.342	0.12
9/1/2008 14:00	0.344	0.12
9/1/2008 14:05	0.344	0.12
9/1/2008 14:10	0.345	0.12
9/1/2008 14:15	0.346	0.11
9/1/2008 14:20	0.345	0.1
9/1/2008 14:25	0.346	0.1
9/1/2008 14:30	0.347	0.1
9/1/2008 14:35	0.347	0.1
9/1/2008 14:40	0.347	0.1
9/1/2008 14:45	0.348	0.1
9/1/2008 14:50	0.347	0.1
9/1/2008 14:55	0.343	0.1
9/1/2008 15:00	0.346	0.1
9/1/2008 15:05	0.345	0.1
9/1/2008 15:10	0.344	0.1
9/1/2008 15:15	0.345	0.1
9/1/2008 15:20	0.343	0.1
9/1/2008 15:25	0.345	0.1
9/1/2008 15:30	0.343	0.1
9/1/2008 15:35	0.343	0.1
9/1/2008 15:40	0.341	0.1
9/1/2008 15:45	0.341	0.1
9/1/2008 15:50	0.342	0.1
9/1/2008 15:55	0.342	0.1
9/1/2008 16:00	0.339	0.1

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/1/2008 16:05	0.34	0.1
9/1/2008 16:10	0.339	0.1
9/1/2008 16:15	0.34	0.1
9/1/2008 16:20	0.339	0.1
9/1/2008 16:25	0.342	0.1
9/1/2008 16:30	0.342	0.1
9/1/2008 16:35	0.341	0.1
9/1/2008 16:40	0.342	0.1
9/1/2008 16:45	0.343	0.1
9/1/2008 16:50	0.344	0.1
9/1/2008 16:55	0.342	0.1
9/1/2008 17:00	0.341	0.1
9/1/2008 17:05	0.34	0.1
9/1/2008 17:10	0.34	0.1
9/1/2008 17:15	0.34	0.1
9/1/2008 17:20	0.338	0.1
9/1/2008 17:25	0.339	0.1
9/1/2008 17:30	0.338	0.1
9/1/2008 17:35	0.34	0.1
9/1/2008 17:40	0.34	0.1
9/1/2008 17:45	0.34	0.1
9/1/2008 17:50	0.342	0.1
9/1/2008 17:55	0.342	0.1
9/1/2008 18:00	0.341	0.1
9/1/2008 18:05	0.339	0.1
9/1/2008 18:10	0.341	0.1
9/1/2008 18:15	0.339	0.1
9/1/2008 18:20	0.341	0.1
9/1/2008 18:25	0.338	0.1
9/1/2008 18:30	0.339	0.1
9/1/2008 18:35	0.347	0.1
9/1/2008 18:40	0.344	0.1
9/1/2008 18:45	0.341	0.1
9/1/2008 18:50	0.342	0.1
9/1/2008 18:55	0.341	0.1
9/1/2008 19:00	0.343	0.1
9/1/2008 19:05	0.35	0.1
9/1/2008 19:10	0.348	0.1
9/1/2008 19:15	0.347	0.1
9/1/2008 19:20	0.346	0.1
9/1/2008 19:25	0.347	0.1
9/1/2008 19:30	0.347	0.1
9/1/2008 19:35	0.349	0.1
9/1/2008 19:40	0.347	0.1

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/1/2008 19:45	0.339	0.1
9/1/2008 19:50	0.316	0.1
9/1/2008 19:55	0.3	0.1
9/1/2008 20:00	0.289	0.1
9/1/2008 20:05	0.285	0.1
9/1/2008 20:10	0.282	0.1
9/1/2008 20:15	0.28	0.1
9/1/2008 20:20	0.273	0.1
9/1/2008 20:25	0.27	0.1
9/1/2008 20:30	0.267	0.1
9/1/2008 20:35	0.268	0.1
9/1/2008 20:40	0.265	0.1
9/1/2008 20:45	0.263	0.1
9/1/2008 20:50	0.265	0.1
9/1/2008 20:55	0.263	0.1
9/1/2008 21:00	0.265	0.1
9/1/2008 21:05	0.268	0.1
9/1/2008 21:10	0.268	0.1
9/1/2008 21:15	0.27	0.1
9/1/2008 21:20	0.269	0.1
9/1/2008 21:25	0.271	0.1
9/1/2008 21:30	0.272	0.1
9/1/2008 21:35	0.269	0.1
9/1/2008 21:40	0.27	0.1
9/1/2008 21:45	0.27	0.1
9/1/2008 21:50	0.271	0.1
9/1/2008 21:55	0.274	0.1
9/1/2008 22:00	0.274	0.1
9/1/2008 22:05	0.277	0.1
9/1/2008 22:10	0.278	0.1
9/1/2008 22:15	0.279	0.1
9/1/2008 22:20	0.278	0.1
9/1/2008 22:25	0.279	0.1
9/1/2008 22:30	0.279	0.1
9/1/2008 22:35	0.278	0.1
9/1/2008 22:40	0.275	0.1
9/1/2008 22:45	0.275	0.1
9/1/2008 22:50	0.276	0.1
9/1/2008 22:55	0.278	0.1
9/1/2008 23:00	0.279	0.1
9/1/2008 23:05	0.281	0.1
9/1/2008 23:10	0.28	0.1
9/1/2008 23:15	0.277	0.1
9/1/2008 23:20	0.278	0.1

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/1/2008 23:25	0.277	0.1
9/1/2008 23:30	0.28	0.1
9/1/2008 23:35	0.28	0.1
9/1/2008 23:40	0.282	0.1
9/1/2008 23:45	0.282	0.1
9/1/2008 23:50	0.28	0.1
9/1/2008 23:55	0.281	0.1
9/2/2008 0:00	0.282	0.1
9/2/2008 0:05	0.282	0.1
9/2/2008 0:10	0.283	0.1
9/2/2008 0:15	0.283	0.1
9/2/2008 0:20	0.281	0.1
9/2/2008 0:25	0.279	0.1
9/2/2008 0:30	0.279	0.1
9/2/2008 0:35	0.28	0.1
9/2/2008 0:40	0.284	0.1
9/2/2008 0:45	0.284	0.1
9/2/2008 0:50	0.282	0.1
9/2/2008 0:55	0.279	0.07
9/2/2008 1:00	0.277	0.07
9/2/2008 1:05	0.278	0.07
9/2/2008 1:10	0.275	0.07
9/2/2008 1:15	0.273	0.07
9/2/2008 1:20	0.274	0.07
9/2/2008 1:25	0.275	0.07
9/2/2008 1:30	0.273	0.07
9/2/2008 1:35	0.274	0.07
9/2/2008 1:40	0.274	0.08
9/2/2008 1:45	0.276	0.08
9/2/2008 1:50	0.275	0.47
9/2/2008 1:55	0.275	0.47
9/2/2008 2:00	0.278	0.47
9/2/2008 2:05	0.28	0.47
9/2/2008 2:10	0.277	0.47
9/2/2008 2:15	0.279	0.47
9/2/2008 2:20	0.278	0.47
9/2/2008 2:25	0.278	0.47
9/2/2008 2:30	0.282	0.47
9/2/2008 2:35	0.281	0.47
9/2/2008 2:40	0.278	0.47
9/2/2008 2:45	0.281	0.47
9/2/2008 2:50	0.283	0.47
9/2/2008 2:55	0.286	0.47
9/2/2008 3:00	0.287	0.47

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/2/2008 3:05	0.284	0.47
9/2/2008 3:10	0.288	0.47
9/2/2008 3:15	0.288	0.47
9/2/2008 3:20	0.288	0.47
9/2/2008 3:25	0.29	0.47
9/2/2008 3:30	0.29	0.47
9/2/2008 3:35	0.285	0.47
9/2/2008 3:40	0.287	0.47
9/2/2008 3:45	0.288	0.47
9/2/2008 3:50	0.288	0.47
9/2/2008 3:55	0.289	0.47
9/2/2008 4:00	0.289	0.47
9/2/2008 4:05	0.29	0.06
9/2/2008 4:10	0.289	0.06
9/2/2008 4:15	0.291	0.06
9/2/2008 4:20	0.29	0.06
9/2/2008 4:25	0.288	0.06
9/2/2008 4:30	0.289	0.06
9/2/2008 4:35	0.289	0.06
9/2/2008 4:40	0.291	0.06
9/2/2008 4:45	0.292	0.06
9/2/2008 4:50	0.292	0.06
9/2/2008 4:55	0.294	0.06
9/2/2008 5:00	0.294	0.06
9/2/2008 5:05	0.293	0.06
9/2/2008 5:10	0.294	0.06
9/2/2008 5:15	0.293	0.06
9/2/2008 5:20	0.293	0.06
9/2/2008 5:25	0.291	0.06
9/2/2008 5:30	0.29	0.06
9/2/2008 5:35	0.291	0.06
9/2/2008 5:40	0.288	0.06
9/2/2008 5:45	0.287	0.06
9/2/2008 5:50	0.285	0.06
9/2/2008 5:55	0.285	0.06
9/2/2008 6:00	0.286	0.06
9/2/2008 6:05	0.288	0.06
9/2/2008 6:10	0.29	0.06
9/2/2008 6:15	0.29	0.06
9/2/2008 6:20	0.286	0.06
9/2/2008 6:25	0.286	0.06
9/2/2008 6:30	0.287	0.06
9/2/2008 6:35	0.288	0.06
9/2/2008 6:40	0.286	0.06

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/2/2008 6:45	0.288	0.06
9/2/2008 6:50	0.289	0.06
9/2/2008 6:55	0.289	0.06
9/2/2008 7:00	0.29	0.06
9/2/2008 7:05	0.288	0.06
9/2/2008 7:10	0.286	0.06
9/2/2008 7:15	0.288	0.06
9/2/2008 7:20	0.289	0.06
9/2/2008 7:25	0.29	0.06
9/2/2008 7:30	0.291	0.06
9/2/2008 7:35	0.288	0.06
9/2/2008 7:40	0.29	0.06
9/2/2008 7:45	0.291	0.06
9/2/2008 7:50	0.292	0.06
9/2/2008 7:55	0.289	0.06
9/2/2008 8:00	0.291	0.06
9/2/2008 8:05	0.292	0.06
9/2/2008 8:10	0.29	0.06
9/2/2008 8:15	0.291	0.06
9/2/2008 8:20	0.293	0.06
9/2/2008 8:25	0.293	0.06
9/2/2008 8:30	0.294	0.06
9/2/2008 8:35	0.294	0.06
9/2/2008 8:40	0.296	0.06
9/2/2008 8:45	0.426	1.48
9/2/2008 8:50	0.707	0.88
9/2/2008 8:55	0.851	0.81
9/2/2008 9:00	0.861	0.8
9/2/2008 9:05	0.861	0.87
9/2/2008 9:10	0.86	0.86
9/2/2008 9:15	0.858	0.82
9/2/2008 9:20	0.857	0.87
9/2/2008 9:25	0.855	0.76
9/2/2008 9:30	0.853	0.79
9/2/2008 9:35	0.852	0.81
9/2/2008 9:40	0.851	0.84
9/2/2008 9:45	0.849	0.75
9/2/2008 9:50	0.848	0.78
9/2/2008 9:55	0.846	0.96
9/2/2008 10:00	0.844	0.8
9/2/2008 10:05	0.84	0.91
9/2/2008 10:10	0.838	0.74
9/2/2008 10:15	0.838	0.79
9/2/2008 10:20	0.835	0.81

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/2/2008 10:25	0.834	0.79
9/2/2008 10:30	0.832	1.03
9/2/2008 10:35	0.828	0.83
9/2/2008 10:40	0.824	0.8
9/2/2008 10:45	0.821	0.89
9/2/2008 10:50	0.82	0.82
9/2/2008 10:55	0.818	0.93
9/2/2008 11:00	0.817	1.04
9/2/2008 11:05	0.817	0.78
9/2/2008 11:10	0.812	0.77
9/2/2008 11:15	0.809	0.83
9/2/2008 11:20	0.806	0.85
9/2/2008 11:25	0.802	0.75
9/2/2008 11:30	0.801	0.82
9/2/2008 11:35	0.797	0.79
9/2/2008 11:40	0.796	0.79
9/2/2008 11:45	0.794	0.8
9/2/2008 11:50	0.793	0.78
9/2/2008 11:55	0.79	0.72
9/2/2008 12:00	0.788	0.89
9/2/2008 12:05	0.785	0.77
9/2/2008 12:10	0.783	0.82
9/2/2008 12:15	0.78	0.79
9/2/2008 12:20	0.78	0.79
9/2/2008 12:25	0.777	0.79
9/2/2008 12:30	0.774	0.74
9/2/2008 12:35	0.774	0.78
9/2/2008 12:40	0.771	0.81
9/2/2008 12:45	0.767	0.75
9/2/2008 12:50	0.767	0.85
9/2/2008 12:55	0.766	0.81
9/2/2008 13:00	0.759	0.84
9/2/2008 13:05	0.757	0.85
9/2/2008 13:10	0.756	0.83
9/2/2008 13:15	0.755	0.88
9/2/2008 13:20	0.751	0.81
9/2/2008 13:25	0.751	0.97
9/2/2008 13:30	0.749	0.93
9/2/2008 13:35	0.746	0.84
9/2/2008 13:40	0.745	0.83
9/2/2008 13:45	0.742	0.82
9/2/2008 13:50	0.738	1.12
9/2/2008 13:55	0.737	0.92
9/2/2008 14:00	0.737	0.84

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/2/2008 14:05	0.736	0.88
9/2/2008 14:10	0.733	0.85
9/2/2008 14:15	0.731	0.82
9/2/2008 14:20	0.726	0.89
9/2/2008 14:25	0.724	0.87
9/2/2008 14:30	0.725	0.85
9/2/2008 14:35	0.722	0.84
9/2/2008 14:40	0.72	0.83
9/2/2008 14:45	0.718	0.88
9/2/2008 14:50	0.716	0.93
9/2/2008 14:55	0.714	0.86
9/2/2008 15:00	0.714	0.95
9/2/2008 15:05	0.712	0.9
9/2/2008 15:10	0.711	0.91
9/2/2008 15:15	0.71	0.87
9/2/2008 15:20	0.708	0.89
9/2/2008 15:25	0.706	0.91
9/2/2008 15:30	0.702	0.92
9/2/2008 15:35	0.704	0.86
9/2/2008 15:40	0.703	0.86
9/2/2008 15:45	0.7	0.92
9/2/2008 15:50	0.698	0.87
9/2/2008 15:55	0.696	0.91
9/2/2008 16:00	0.697	0.84
9/2/2008 16:05	0.695	0.85
9/2/2008 16:10	0.693	0.89
9/2/2008 16:15	0.691	0.89
9/2/2008 16:20	0.691	1.03
9/2/2008 16:25	0.69	0.89
9/2/2008 16:30	0.689	0.96
9/2/2008 16:35	0.687	0.92
9/2/2008 16:40	0.686	0.87
9/2/2008 16:45	0.685	0.94
9/2/2008 16:50	0.683	1.08
9/2/2008 16:55	0.681	0.91
9/2/2008 17:00	0.68	0.94
9/2/2008 17:05	0.679	0.98
9/2/2008 17:10	0.681	0.91
9/2/2008 17:15	0.678	0.87
9/2/2008 17:20	0.676	0.89
9/2/2008 17:25	0.675	0.92
9/2/2008 17:30	0.673	0.94
9/2/2008 17:35	0.672	0.95
9/2/2008 17:40	0.672	0.93

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/2/2008 17:45	0.671	0.89
9/2/2008 17:50	0.672	0.96
9/2/2008 17:55	0.67	0.88
9/2/2008 18:00	0.651	0.88
9/2/2008 18:05	0.576	0.74
9/2/2008 18:10	0.568	0.82
9/2/2008 18:15	0.563	0.86
9/2/2008 18:20	0.562	0.79
9/2/2008 18:25	0.561	0.83
9/2/2008 18:30	0.561	0.87
9/2/2008 18:35	0.561	1.04
9/2/2008 18:40	0.561	0.88
9/2/2008 18:45	0.555	0.78
9/2/2008 18:50	0.554	0.79
9/2/2008 18:55	0.556	0.8
9/2/2008 19:00	0.555	0.76
9/2/2008 19:05	0.523	0.7
9/2/2008 19:10	0.491	0.75
9/2/2008 19:15	0.481	0.66
9/2/2008 19:20	0.471	0.57
9/2/2008 19:25	0.453	0.58
9/2/2008 19:30	0.449	0.58
9/2/2008 19:35	0.442	0.58
9/2/2008 19:40	0.438	0.58
9/2/2008 19:45	0.436	0.58
9/2/2008 19:50	0.435	0.58
9/2/2008 19:55	0.435	0.58
9/2/2008 20:00	0.437	0.58
9/2/2008 20:05	0.433	0.58
9/2/2008 20:10	0.433	0.58
9/2/2008 20:15	0.428	0.51
9/2/2008 20:20	0.428	0.51
9/2/2008 20:25	0.432	0.51
9/2/2008 20:30	0.429	0.51
9/2/2008 20:35	0.43	0.51
9/2/2008 20:40	0.425	0.99
9/2/2008 20:45	0.431	0.99
9/2/2008 20:50	0.414	0.99
9/2/2008 20:55	0.427	0.99
9/2/2008 21:00	0.426	0.99
9/2/2008 21:05	0.426	0.99
9/2/2008 21:10	0.422	0.99
9/2/2008 21:15	0.425	0.99
9/2/2008 21:20	0.427	0.99

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/2/2008 21:25	0.424	0.99
9/2/2008 21:30	0.426	0.99
9/2/2008 21:35	0.424	0.51
9/2/2008 21:40	0.428	0.51
9/2/2008 21:45	0.425	0.6
9/2/2008 21:50	0.426	0.6
9/2/2008 21:55	0.424	0.6
9/2/2008 22:00	0.425	0.6
9/2/2008 22:05	0.426	0.6
9/2/2008 22:10	0.428	0.6
9/2/2008 22:15	0.429	0.63
9/2/2008 22:20	0.435	0.63
9/2/2008 22:25	0.433	0.63
9/2/2008 22:30	0.428	0.63
9/2/2008 22:35	0.427	0.63
9/2/2008 22:40	0.429	0.63
9/2/2008 22:45	0.43	0.63
9/2/2008 22:50	0.429	0.63
9/2/2008 22:55	0.431	0.63
9/2/2008 23:00	0.432	0.63
9/2/2008 23:05	0.431	0.63
9/2/2008 23:10	0.428	0.63
9/2/2008 23:15	0.427	0.63
9/2/2008 23:20	0.428	0.63
9/2/2008 23:25	0.415	0.63
9/2/2008 23:30	0.397	0.63
9/2/2008 23:35	0.395	0.63
9/2/2008 23:40	0.375	0.8
9/2/2008 23:45	0.362	0.8
9/2/2008 23:50	0.355	0.5
9/2/2008 23:55	0.359	0.21
9/3/2008 0:00	0.359	0.21
9/3/2008 0:05	0.358	0.21
9/3/2008 0:10	0.355	0.21
9/3/2008 0:15	0.357	0.21
9/3/2008 0:20	0.355	0.4
9/3/2008 0:25	0.36	0.4
9/3/2008 0:30	0.356	0.4
9/3/2008 0:35	0.356	0.4
9/3/2008 0:40	0.354	0.4
9/3/2008 0:45	0.356	0.4
9/3/2008 0:50	0.356	0.4
9/3/2008 0:55	0.357	0.4
9/3/2008 1:00	0.357	0.4

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/3/2008 1:05	0.359	0.4
9/3/2008 1:10	0.359	0.36
9/3/2008 1:15	0.362	0.36
9/3/2008 1:20	0.361	0.36
9/3/2008 1:25	0.359	0.36
9/3/2008 1:30	0.359	0.36
9/3/2008 1:35	0.36	0.36
9/3/2008 1:40	0.362	0.36
9/3/2008 1:45	0.36	0.36
9/3/2008 1:50	0.361	0.36
9/3/2008 1:55	0.36	0.36
9/3/2008 2:00	0.357	0.44
9/3/2008 2:05	0.356	0.44
9/3/2008 2:10	0.353	0.4
9/3/2008 2:15	0.35	0.4
9/3/2008 2:20	0.346	0.4
9/3/2008 2:25	0.35	0.4
9/3/2008 2:30	0.352	0.4
9/3/2008 2:35	0.352	0.4
9/3/2008 2:40	0.35	0.36
9/3/2008 2:45	0.358	0.36
9/3/2008 2:50	0.356	0.4
9/3/2008 2:55	0.362	0.37
9/3/2008 3:00	0.355	0.37
9/3/2008 3:05	0.35	0.37
9/3/2008 3:10	0.345	0.37
9/3/2008 3:15	0.344	0.29
9/3/2008 3:20	0.351	0.37
9/3/2008 3:25	0.347	0.37
9/3/2008 3:30	0.349	0.37
9/3/2008 3:35	0.35	0.37
9/3/2008 3:40	0.347	0.37
9/3/2008 3:45	0.349	0.26
9/3/2008 3:50	0.351	0.26
9/3/2008 3:55	0.352	0.35
9/3/2008 4:00	0.35	0.35
9/3/2008 4:05	0.346	0.35
9/3/2008 4:10	0.346	0.35
9/3/2008 4:15	0.346	0.35
9/3/2008 4:20	0.344	0.3
9/3/2008 4:25	0.345	0.3
9/3/2008 4:30	0.348	0.3
9/3/2008 4:35	0.347	0.3
9/3/2008 4:40	0.348	0.3

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/3/2008 4:45	0.343	0.3
9/3/2008 4:50	0.332	0.3
9/3/2008 4:55	0.323	0.3
9/3/2008 5:00	0.32	0.3
9/3/2008 5:05	0.32	0.25
9/3/2008 5:10	0.32	0.25
9/3/2008 5:15	0.322	0.25
9/3/2008 5:20	0.318	0.11
9/3/2008 5:25	0.325	0.11
9/3/2008 5:30	0.324	0.11
9/3/2008 5:35	0.323	0.17
9/3/2008 5:40	0.327	0.17
9/3/2008 5:45	0.33	0.17
9/3/2008 5:50	0.327	0.17
9/3/2008 5:55	0.327	0.17
9/3/2008 6:00	0.333	0.17
9/3/2008 6:05	0.331	0.17
9/3/2008 6:10	0.331	0.17
9/3/2008 6:15	0.329	0.17
9/3/2008 6:20	0.328	0.17
9/3/2008 6:25	0.331	0.17
9/3/2008 6:30	0.331	0.17
9/3/2008 6:35	0.329	0.17
9/3/2008 6:40	0.331	0.17
9/3/2008 6:45	0.331	0.17
9/3/2008 6:50	0.333	0.13
9/3/2008 6:55	0.333	0.13
9/3/2008 7:00	0.331	0.13
9/3/2008 7:05	0.33	0.13
9/3/2008 7:10	0.331	0.13
9/3/2008 7:15	0.33	0.13
9/3/2008 7:20	0.33	0.13
9/3/2008 7:25	0.331	0.13
9/3/2008 7:30	0.332	0.13
9/3/2008 7:35	0.332	0.13
9/3/2008 7:40	0.339	0.13
9/3/2008 7:45	0.338	0.13
9/3/2008 7:50	0.338	0.13
9/3/2008 7:55	0.338	0.13
9/3/2008 8:00	0.338	0.13
9/3/2008 8:05	0.335	0.13
9/3/2008 8:10	0.334	0.13
9/3/2008 8:15	0.335	0.13
9/3/2008 8:20	0.337	0.13

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/3/2008 8:25	0.339	0.13
9/3/2008 8:30	0.341	0.13
9/3/2008 8:35	0.343	0.13
9/3/2008 8:40	0.584	0.13
9/3/2008 8:45	0.849	0.13
9/3/2008 8:50	0.85	0.13
9/3/2008 8:55	0.854	0.13
9/3/2008 9:00	0.853	0.13
9/3/2008 9:05	0.848	0.13
9/3/2008 9:10	0.849	0.13
9/3/2008 9:15	0.849	0.13
9/3/2008 9:20	0.853	0.13
9/3/2008 9:25	0.855	0.16
9/3/2008 9:30	0.853	0.16
9/3/2008 9:35	0.852	0.16
9/3/2008 9:40	0.849	0.16
9/3/2008 9:45	0.849	0.16
9/3/2008 9:50	0.85	0.16
9/3/2008 9:55	0.848	0.13
9/3/2008 10:00	0.844	0.13
9/3/2008 10:05	0.837	0.13
9/3/2008 10:10	0.839	0.13
9/3/2008 10:15	0.833	0.13
9/3/2008 10:20	0.831	0.13
9/3/2008 10:25	0.833	0.3
9/3/2008 10:30	0.829	0.11
9/3/2008 10:35	0.826	0.11
9/3/2008 10:40	0.824	0.11
9/3/2008 10:45	0.823	0.11
9/3/2008 10:50	0.824	0.11
9/3/2008 10:55	0.824	0.11
9/3/2008 11:00	0.817	0.11
9/3/2008 11:05	0.817	0.11
9/3/2008 11:10	0.816	0.11
9/3/2008 11:15	0.814	0.11
9/3/2008 11:20	0.806	0.11
9/3/2008 11:25	0.802	0.11
9/3/2008 11:30	0.799	0.11
9/3/2008 11:35	0.794	0.11
9/3/2008 11:40	0.793	0.11
9/3/2008 11:45	0.793	0.11
9/3/2008 11:50	0.788	0.11
9/3/2008 11:55	0.786	0.11
9/3/2008 12:00	0.782	0.11

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/3/2008 12:05	0.78	0.11
9/3/2008 12:10	0.778	0.11
9/3/2008 12:15	0.777	0.11
9/3/2008 12:20	0.783	0.11
9/3/2008 12:25	0.777	0.11
9/3/2008 12:30	0.774	0.11
9/3/2008 12:35	0.771	0.11
9/3/2008 12:40	0.768	0.11
9/3/2008 12:45	0.772	0.11
9/3/2008 12:50	0.774	0.11
9/3/2008 12:55	0.768	0.11
9/3/2008 13:00	0.767	0.11
9/3/2008 13:05	0.765	0.11
9/3/2008 13:10	0.768	0.11
9/3/2008 13:15	0.767	0.11
9/3/2008 13:20	0.762	0.11
9/3/2008 13:25	0.762	0.11
9/3/2008 13:30	0.762	0.11
9/3/2008 13:35	0.757	0.11
9/3/2008 13:40	0.754	0.11
9/3/2008 13:45	0.753	0.11
9/3/2008 13:50	0.749	0.11
9/3/2008 13:55	0.748	0.11
9/3/2008 14:00	0.743	0.11
9/3/2008 14:05	0.743	0.11
9/3/2008 14:10	0.741	0.11
9/3/2008 14:15	0.739	0.11
9/3/2008 14:20	0.738	0.11
9/3/2008 14:25	0.737	0.11
9/3/2008 14:30	0.736	0.11
9/3/2008 14:35	0.73	0.11
9/3/2008 14:40	0.726	0.11
9/3/2008 14:45	0.725	0.11
9/3/2008 14:50	0.725	0.11
9/3/2008 14:55	0.721	0.11
9/3/2008 15:00	0.72	0.11
9/3/2008 15:05	0.719	0.11
9/3/2008 15:10	0.715	0.11
9/3/2008 15:15	0.715	0.11
9/3/2008 15:20	0.714	0.11
9/3/2008 15:25	0.713	0.11
9/3/2008 15:30	0.712	0.11
9/3/2008 15:35	0.71	0.11
9/3/2008 15:40	0.715	0.11

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/3/2008 15:45	0.717	0.11
9/3/2008 15:50	0.71	0.11
9/3/2008 15:55	0.709	0.11
9/3/2008 16:00	0.704	0.11
9/3/2008 16:05	0.708	0.11
9/3/2008 16:10	0.71	0.11
9/3/2008 16:15	0.703	0.11
9/3/2008 16:20	0.7	0.11
9/3/2008 16:25	0.698	0.11
9/3/2008 16:30	0.695	0.11
9/3/2008 16:35	0.695	0.11
9/3/2008 16:40	0.697	0.11
9/3/2008 16:45	0.696	0.11
9/3/2008 16:50	0.695	0.11
9/3/2008 16:55	0.692	0.11
9/3/2008 17:00	0.691	0.11
9/3/2008 17:05	0.694	0.11
9/3/2008 17:10	0.692	0.11
9/3/2008 17:15	0.686	0.11
9/3/2008 17:20	0.727	0.11
9/3/2008 17:25	0.778	0.11
9/3/2008 17:30	0.783	0.11
9/3/2008 17:35	0.783	0.11
9/3/2008 17:40	0.781	0.11
9/3/2008 17:45	0.775	0.11
9/3/2008 17:50	0.815	0.99
9/3/2008 17:55	0.814	0.99
9/3/2008 18:00	0.811	0.99
9/3/2008 18:05	0.813	0.99
9/3/2008 18:10	0.807	0.99
9/3/2008 18:15	0.809	0.17
9/3/2008 18:20	0.805	0.17
9/3/2008 18:25	0.806	0.17
9/3/2008 18:30	0.805	0.17
9/3/2008 18:35	0.803	0.17
9/3/2008 18:40	0.801	0.17
9/3/2008 18:45	0.795	0.17
9/3/2008 18:50	0.791	0.17
9/3/2008 18:55	0.791	0.17
9/3/2008 19:00	0.789	0.17
9/3/2008 19:05	0.747	0.17
9/3/2008 19:10	0.677	0.17
9/3/2008 19:15	0.624	0.17
9/3/2008 19:20	0.587	0.17

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/3/2008 19:25	0.569	0.17
9/3/2008 19:30	0.551	0.17
9/3/2008 19:35	0.548	0.17
9/3/2008 19:40	0.545	0.17
9/3/2008 19:45	0.549	0.17
9/3/2008 19:50	0.552	0.17
9/3/2008 19:55	0.553	0.17
9/3/2008 20:00	0.552	0.17
9/3/2008 20:05	0.553	0.17
9/3/2008 20:10	0.525	0.17
9/3/2008 20:15	0.515	0.21
9/3/2008 20:20	0.51	0.21
9/3/2008 20:25	0.506	0.21
9/3/2008 20:30	0.503	0.21
9/3/2008 20:35	0.499	0.21
9/3/2008 20:40	0.483	0.21
9/3/2008 20:45	0.445	0.21
9/3/2008 20:50	0.429	0.21
9/3/2008 20:55	0.426	0.21
9/3/2008 21:00	0.436	0.21
9/3/2008 21:05	0.461	0.21
9/3/2008 21:10	0.666	0.21
9/3/2008 21:15	0.751	0.21
9/3/2008 21:20	0.776	0.21
9/3/2008 21:25	0.792	0.18
9/3/2008 21:30	0.819	0.18
9/3/2008 21:35	0.817	0.18
9/3/2008 21:40	0.776	0.18
9/3/2008 21:45	0.736	0.18
9/3/2008 21:50	0.69	0.18
9/3/2008 21:55	0.642	0.18
9/3/2008 22:00	0.609	0.18
9/3/2008 22:05	0.585	0.18
9/3/2008 22:10	0.567	0.18
9/3/2008 22:15	0.556	0.18
9/3/2008 22:20	0.55	0.18
9/3/2008 22:25	0.542	0.18
9/3/2008 22:30	0.544	0.18
9/3/2008 22:35	0.545	0.18
9/3/2008 22:40	0.54	0.18
9/3/2008 22:45	0.543	0.18
9/3/2008 22:50	0.543	0.18
9/3/2008 22:55	0.545	0.18
9/3/2008 23:00	0.547	0.18

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/3/2008 23:05	0.547	0.18
9/3/2008 23:10	0.548	0.18
9/3/2008 23:15	0.55	0.18
9/3/2008 23:20	0.549	0.18
9/3/2008 23:25	0.551	0.18
9/3/2008 23:30	0.551	0.18
9/3/2008 23:35	0.549	0.18
9/3/2008 23:40	0.55	0.18
9/3/2008 23:45	0.551	0.57
9/3/2008 23:50	0.548	0.7
9/3/2008 23:55	0.549	0.62
9/4/2008 0:00	0.551	0.54
9/4/2008 0:05	0.547	0.57
9/4/2008 0:10	0.548	0.64
9/4/2008 0:15	0.548	0.83
9/4/2008 0:20	0.546	0.69
9/4/2008 0:25	0.547	0.62
9/4/2008 0:30	0.548	0.67
9/4/2008 0:35	0.545	0.79
9/4/2008 0:40	0.547	0.71
9/4/2008 0:45	0.545	0.8
9/4/2008 0:50	0.545	0.67
9/4/2008 0:55	0.546	0.77
9/4/2008 1:00	0.542	0.68
9/4/2008 1:05	0.54	0.66
9/4/2008 1:10	0.539	0.7
9/4/2008 1:15	0.524	0.67
9/4/2008 1:20	0.503	0.66
9/4/2008 1:25	0.49	0.59
9/4/2008 1:30	0.487	0.66
9/4/2008 1:35	0.487	0.66
9/4/2008 1:40	0.483	0.66
9/4/2008 1:45	0.468	0.66
9/4/2008 1:50	0.453	0.66
9/4/2008 1:55	0.433	0.58
9/4/2008 2:00	0.423	0.58
9/4/2008 2:05	0.413	0.58
9/4/2008 2:10	0.402	0.58
9/4/2008 2:15	0.4	0.58
9/4/2008 2:20	0.397	0.58
9/4/2008 2:25	0.392	0.58
9/4/2008 2:30	0.391	0.58
9/4/2008 2:35	0.388	0.58
9/4/2008 2:40	0.386	0.58

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/4/2008 2:45	0.387	0.58
9/4/2008 2:50	0.388	0.58
9/4/2008 2:55	0.391	0.58
9/4/2008 3:00	0.391	0.58
9/4/2008 3:05	0.39	0.58
9/4/2008 3:10	0.39	0.58
9/4/2008 3:15	0.389	0.58
9/4/2008 3:20	0.391	0.58
9/4/2008 3:25	0.393	0.58
9/4/2008 3:30	0.395	0.58
9/4/2008 3:35	0.395	0.58
9/4/2008 3:40	0.394	0.58
9/4/2008 3:45	0.392	0.58
9/4/2008 3:50	0.391	0.58
9/4/2008 3:55	0.391	0.58
9/4/2008 4:00	0.391	0.58
9/4/2008 4:05	0.393	0.58
9/4/2008 4:10	0.391	0.58
9/4/2008 4:15	0.394	0.77
9/4/2008 4:20	0.394	0.77
9/4/2008 4:25	0.395	0.77
9/4/2008 4:30	0.393	0.77
9/4/2008 4:35	0.385	0.77
9/4/2008 4:40	0.385	0.77
9/4/2008 4:45	0.383	0.77
9/4/2008 4:50	0.383	0.77
9/4/2008 4:55	0.382	0.46
9/4/2008 5:00	0.383	0.46
9/4/2008 5:05	0.381	0.46
9/4/2008 5:10	0.382	0.46
9/4/2008 5:15	0.384	0.55
9/4/2008 5:20	0.388	0.61
9/4/2008 5:25	0.392	0.41
9/4/2008 5:30	0.394	0.41
9/4/2008 5:35	0.393	0.41
9/4/2008 5:40	0.39	0.41
9/4/2008 5:45	0.389	0.41
9/4/2008 5:50	0.387	0.41
9/4/2008 5:55	0.388	0.41
9/4/2008 6:00	0.388	0.64
9/4/2008 6:05	0.393	0.64
9/4/2008 6:10	0.389	0.64
9/4/2008 6:15	0.389	0.64
9/4/2008 6:20	0.386	0.64

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/4/2008 6:25	0.388	0.64
9/4/2008 6:30	0.389	0.64
9/4/2008 6:35	0.388	0.64
9/4/2008 6:40	0.39	0.64
9/4/2008 6:45	0.389	0.64
9/4/2008 6:50	0.39	0.64
9/4/2008 6:55	0.391	0.64
9/4/2008 7:00	0.392	0.64
9/4/2008 7:05	0.392	0.55
9/4/2008 7:10	0.398	0.55
9/4/2008 7:15	0.397	0.55
9/4/2008 7:20	0.396	0.55
9/4/2008 7:25	0.396	0.55
9/4/2008 7:30	0.396	0.55
9/4/2008 7:35	0.396	0.55
9/4/2008 7:40	0.395	0.55
9/4/2008 7:45	0.397	0.55
9/4/2008 7:50	0.397	0.55
9/4/2008 7:55	0.4	0.55
9/4/2008 8:00	0.398	0.55
9/4/2008 8:05	0.399	0.55
9/4/2008 8:10	0.401	0.55
9/4/2008 8:15	0.403	0.55
9/4/2008 8:20	0.404	0.55
9/4/2008 8:25	0.401	0.55
9/4/2008 8:30	0.402	0.55
9/4/2008 8:35	0.405	0.55
9/4/2008 8:40	0.406	0.55
9/4/2008 8:45	0.405	0.55
9/4/2008 8:50	0.406	0.55
9/4/2008 8:55	0.407	0.55
9/4/2008 9:00	0.406	0.55
9/4/2008 9:05	0.408	0.55
9/4/2008 9:10	0.408	0.55
9/4/2008 9:15	0.41	0.55
9/4/2008 9:20	0.409	0.55
9/4/2008 9:25	0.408	0.64
9/4/2008 9:30	0.413	0.64
9/4/2008 9:35	0.412	0.64
9/4/2008 9:40	0.413	0.64
9/4/2008 9:45	0.414	0.64
9/4/2008 9:50	0.413	0.64
9/4/2008 9:55	0.411	0.64
9/4/2008 10:00	0.411	0.64

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Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/4/2008 10:05	0.414	0.64
9/4/2008 10:10	0.416	0.64
9/4/2008 10:15	0.417	0.64
9/4/2008 10:20	0.413	0.6
9/4/2008 10:25	0.417	0.6
9/4/2008 10:30	0.417	0.6
9/4/2008 10:35	0.416	0.6
9/4/2008 10:40	0.421	1.08
9/4/2008 10:45	0.42	1.08
9/4/2008 10:50	0.418	1.08
9/4/2008 10:55	0.416	1.08
9/4/2008 11:00	0.415	1.08
9/4/2008 11:05	0.416	1.08
9/4/2008 11:10	0.418	1.08
9/4/2008 11:15	0.418	1.08
9/4/2008 11:20	0.415	1.08
9/4/2008 11:25	0.418	1.54
9/4/2008 11:30	0.428	1.54
9/4/2008 11:35	0.426	1.54
9/4/2008 11:40	0.424	1.54
9/4/2008 11:45	0.42	1.54
9/4/2008 11:50	0.42	1.54
9/4/2008 11:55	0.42	1.54
9/4/2008 12:00	0.421	1.54
9/4/2008 12:05	0.42	1.54
9/4/2008 12:10	0.422	1.54
9/4/2008 12:15	0.422	1.54
9/4/2008 12:20	0.423	1.54
9/4/2008 12:25	0.421	1.54
9/4/2008 12:30	0.423	1.54
9/4/2008 12:35	0.422	1.54
9/4/2008 12:40	0.417	1.54
9/4/2008 12:45	0.42	1.54
9/4/2008 12:50	0.421	1.54
9/4/2008 12:55	0.423	1.54
9/4/2008 13:00	0.423	1.54
9/4/2008 13:05	0.422	1.54
9/4/2008 13:10	0.425	1.54
9/4/2008 13:15	0.421	1.54
9/4/2008 13:20	0.423	1.54
9/4/2008 13:25	0.426	1.54
9/4/2008 13:30	0.426	1.54
9/4/2008 13:35	0.428	1.54
9/4/2008 13:40	0.427	1.54

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/4/2008 13:45	0.429	1.54
9/4/2008 13:50	0.431	1.54
9/4/2008 13:55	0.43	1.54
9/4/2008 14:00	0.429	1.54
9/4/2008 14:05	0.431	1.54
9/4/2008 14:10	0.43	1.54
9/4/2008 14:15	0.431	1.54
9/4/2008 14:20	0.429	1.54
9/4/2008 14:25	0.429	1.54
9/4/2008 14:30	0.43	1.54
9/4/2008 14:35	0.432	1.54
9/4/2008 14:40	0.43	1.54
9/4/2008 14:45	0.432	1.54
9/4/2008 14:50	0.433	1.12
9/4/2008 14:55	0.433	1.12
9/4/2008 15:00	0.43	1.12
9/4/2008 15:05	0.432	0.72
9/4/2008 15:10	0.432	0.72
9/4/2008 15:15	0.432	0.72
9/4/2008 15:20	0.437	0.72
9/4/2008 15:25	0.438	0.72
9/4/2008 15:30	0.439	0.72
9/4/2008 15:35	0.438	0.72
9/4/2008 15:40	0.437	0.72
9/4/2008 15:45	0.438	0.72
9/4/2008 15:50	0.438	0.72
9/4/2008 15:55	0.441	0.72
9/4/2008 16:00	0.44	0.72
9/4/2008 16:05	0.44	0.72
9/4/2008 16:10	0.442	0.72
9/4/2008 16:15	0.441	0.82
9/4/2008 16:20	0.446	0.62
9/4/2008 16:25	0.449	0.62
9/4/2008 16:30	0.446	0.62
9/4/2008 16:35	0.445	0.62
9/4/2008 16:40	0.443	0.62
9/4/2008 16:45	0.443	0.62
9/4/2008 16:50	0.446	0.62
9/4/2008 16:55	0.446	0.62
9/4/2008 17:00	0.448	0.62
9/4/2008 17:05	0.447	0.62
9/4/2008 17:10	0.447	0.62
9/4/2008 17:15	0.449	0.62
9/4/2008 17:20	0.447	0.62

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/4/2008 17:25	0.447	0.62
9/4/2008 17:30	0.447	0.62
9/4/2008 17:35	0.447	0.62
9/4/2008 17:40	0.449	0.62
9/4/2008 17:45	0.447	0.62
9/4/2008 17:50	0.446	0.62
9/4/2008 17:55	0.448	0.62
9/4/2008 18:00	0.449	0.83
9/4/2008 18:05	0.454	0.83
9/4/2008 18:10	0.45	0.83
9/4/2008 18:15	0.444	0.83
9/4/2008 18:20	0.441	0.83
9/4/2008 18:25	0.44	0.83
9/4/2008 18:30	0.438	0.83
9/4/2008 18:35	0.446	0.83
9/4/2008 18:40	0.442	0.83
9/4/2008 18:45	0.434	0.83
9/4/2008 18:50	0.43	0.83
9/4/2008 18:55	0.431	0.83
9/4/2008 19:00	0.431	0.83
9/4/2008 19:05	0.43	0.83
9/4/2008 19:10	0.432	0.83
9/4/2008 19:15	0.43	0.83
9/4/2008 19:20	0.428	0.83
9/4/2008 19:25	0.43	0.83
9/4/2008 19:30	0.431	0.83
9/4/2008 19:35	0.427	0.83
9/4/2008 19:40	0.42	0.53
9/4/2008 19:45	0.422	0.53
9/4/2008 19:50	0.421	0.53
9/4/2008 19:55	0.423	0.53
9/4/2008 20:00	0.422	0.63
9/4/2008 20:05	0.426	0.63
9/4/2008 20:10	0.424	0.63
9/4/2008 20:15	0.425	0.63
9/4/2008 20:20	0.426	0.63
9/4/2008 20:25	0.423	0.44
9/4/2008 20:30	0.43	0.44
9/4/2008 20:35	0.426	0.44
9/4/2008 20:40	0.426	0.44
9/4/2008 20:45	0.425	0.44
9/4/2008 20:50	0.424	0.44
9/4/2008 20:55	0.423	0.44
9/4/2008 21:00	0.415	0.44

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/4/2008 21:05	0.406	0.44
9/4/2008 21:10	0.401	0.44
9/4/2008 21:15	0.405	0.44
9/4/2008 21:20	0.405	0.44
9/4/2008 21:25	0.404	0.44
9/4/2008 21:30	0.407	0.44
9/4/2008 21:35	0.407	0.44
9/4/2008 21:40	0.407	0.44
9/4/2008 21:45	0.406	0.44
9/4/2008 21:50	0.405	0.6
9/4/2008 21:55	0.409	0.6
9/4/2008 22:00	0.409	0.6
9/4/2008 22:05	0.41	0.6
9/4/2008 22:10	0.411	0.6
9/4/2008 22:15	0.411	0.6
9/4/2008 22:20	0.413	0.6
9/4/2008 22:25	0.414	0.6
9/4/2008 22:30	0.411	0.6
9/4/2008 22:35	0.412	0.77
9/4/2008 22:40	0.415	0.77
9/4/2008 22:45	0.414	0.77
9/4/2008 22:50	0.415	0.77
9/4/2008 22:55	0.415	0.77
9/4/2008 23:00	0.417	0.86
9/4/2008 23:05	0.421	0.86
9/4/2008 23:10	0.422	0.86
9/4/2008 23:15	0.419	0.86
9/4/2008 23:20	0.42	0.86
9/4/2008 23:25	0.42	0.86
9/4/2008 23:30	0.421	0.86
9/4/2008 23:35	0.424	0.86
9/4/2008 23:40	0.436	0.86
9/4/2008 23:45	0.441	0.86
9/4/2008 23:50	0.44	0.86
9/4/2008 23:55	0.441	0.86
9/5/2008 0:00	0.441	0.86
9/5/2008 0:05	0.441	0.86
9/5/2008 0:10	0.44	0.86
9/5/2008 0:15	0.441	0.86
9/5/2008 0:20	0.442	0.86
9/5/2008 0:25	0.444	0.86
9/5/2008 0:30	0.444	0.86
9/5/2008 0:35	0.444	0.86
9/5/2008 0:40	0.445	0.86

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/5/2008 0:45	0.446	0.86
9/5/2008 0:50	0.445	0.86
9/5/2008 0:55	0.445	0.86
9/5/2008 1:00	0.445	1.17
9/5/2008 1:05	0.444	1.17
9/5/2008 1:10	0.445	1.17
9/5/2008 1:15	0.447	1.17
9/5/2008 1:20	0.445	1.17
9/5/2008 1:25	0.444	1.17
9/5/2008 1:30	0.446	1.17
9/5/2008 1:35	0.442	1.17
9/5/2008 1:40	0.443	1.17
9/5/2008 1:45	0.443	1.17
9/5/2008 1:50	0.446	1.17
9/5/2008 1:55	0.448	1.17
9/5/2008 2:00	0.449	1.17
9/5/2008 2:05	0.451	1.17
9/5/2008 2:10	0.451	0.74
9/5/2008 2:15	0.453	0.74
9/5/2008 2:20	0.454	0.74
9/5/2008 2:25	0.457	0.74
9/5/2008 2:30	0.457	0.74
9/5/2008 2:35	0.458	0.74
9/5/2008 2:40	0.459	0.74
9/5/2008 2:45	0.442	0.74
9/5/2008 2:50	0.425	0.74
9/5/2008 2:55	0.425	0.74
9/5/2008 3:00	0.422	0.74
9/5/2008 3:05	0.417	0.74
9/5/2008 3:10	0.42	0.74
9/5/2008 3:15	0.422	0.74
9/5/2008 3:20	0.423	0.74
9/5/2008 3:25	0.423	0.74
9/5/2008 3:30	0.423	0.74
9/5/2008 3:35	0.424	0.74
9/5/2008 3:40	0.424	0.21
9/5/2008 3:45	0.428	0.21
9/5/2008 3:50	0.423	0.21
9/5/2008 3:55	0.418	0.21
9/5/2008 4:00	0.418	0.21
9/5/2008 4:05	0.418	0.21
9/5/2008 4:10	0.421	0.21
9/5/2008 4:15	0.416	0.21
9/5/2008 4:20	0.411	0.21

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/5/2008 4:25	0.409	0.21
9/5/2008 4:30	0.409	0.21
9/5/2008 4:35	0.405	0.16
9/5/2008 4:40	0.406	0.16
9/5/2008 4:45	0.406	0.16
9/5/2008 4:50	0.408	0.14
9/5/2008 4:55	0.414	0.14
9/5/2008 5:00	0.412	0.14
9/5/2008 5:05	0.416	0.14
9/5/2008 5:10	0.418	0.14
9/5/2008 5:15	0.417	0.14
9/5/2008 5:20	0.415	0.14
9/5/2008 5:25	0.414	0.14
9/5/2008 5:30	0.412	0.14
9/5/2008 5:35	0.399	0.14
9/5/2008 5:40	0.39	0.14
9/5/2008 5:45	0.387	0.14
9/5/2008 5:50	0.389	0.14
9/5/2008 5:55	0.391	0.14
9/5/2008 6:00	0.388	0.13
9/5/2008 6:05	0.394	0.13
9/5/2008 6:10	0.393	0.14
9/5/2008 6:15	0.392	0.15
9/5/2008 6:20	0.394	0.15
9/5/2008 6:25	0.392	0.15
9/5/2008 6:30	0.392	0.15
9/5/2008 6:35	0.389	0.16
9/5/2008 6:40	0.388	0.16
9/5/2008 6:45	0.39	0.16
9/5/2008 6:50	0.389	0.16
9/5/2008 6:55	0.39	0.16
9/5/2008 7:00	0.389	0.16
9/5/2008 7:05	0.389	0.15
9/5/2008 7:10	0.393	0.15
9/5/2008 7:15	0.393	0.15
9/5/2008 7:20	0.393	0.14
9/5/2008 7:25	0.396	0.14
9/5/2008 7:30	0.397	0.14
9/5/2008 7:35	0.396	0.16
9/5/2008 7:40	0.399	0.16
9/5/2008 7:45	0.394	0.16
9/5/2008 7:50	0.396	0.16
9/5/2008 7:55	0.395	0.16
9/5/2008 8:00	0.394	0.16

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/5/2008 8:05	0.394	0.16
9/5/2008 8:10	0.393	0.16
9/5/2008 8:15	0.394	0.16
9/5/2008 8:20	0.392	0.16
9/5/2008 8:25	0.393	0.16
9/5/2008 8:30	0.394	0.16
9/5/2008 8:35	0.395	0.16
9/5/2008 8:40	0.396	0.17
9/5/2008 8:45	0.397	0.14
9/5/2008 8:50	0.4	0.14
9/5/2008 8:55	0.402	0.14
9/5/2008 9:00	0.401	0.14
9/5/2008 9:05	0.401	0.14
9/5/2008 9:10	0.399	0.14
9/5/2008 9:15	0.403	0.14
9/5/2008 9:20	0.402	0.14
9/5/2008 9:25	0.403	0.2
9/5/2008 9:30	0.402	0.2
9/5/2008 9:35	0.403	0.2
9/5/2008 9:40	0.403	0.2
9/5/2008 9:45	0.404	0.2
9/5/2008 9:50	0.405	0.2
9/5/2008 9:55	0.404	0.2
9/5/2008 10:00	0.404	0.2
9/5/2008 10:05	0.402	0.2
9/5/2008 10:10	0.403	0.2
9/5/2008 10:15	0.401	0.2
9/5/2008 10:20	0.405	0.2
9/5/2008 10:25	0.405	0.2
9/5/2008 10:30	0.403	0.2
9/5/2008 10:35	0.402	0.2
9/5/2008 10:40	0.405	0.2
9/5/2008 10:45	0.405	0.2
9/5/2008 10:50	0.408	0.2
9/5/2008 10:55	0.404	0.2
9/5/2008 11:00	0.405	0.2
9/5/2008 11:05	0.407	0.2
9/5/2008 11:10	0.535	0.92
9/5/2008 11:15	0.787	0.97
9/5/2008 11:20	0.877	0.86
9/5/2008 11:25	0.877	0.82
9/5/2008 11:30	0.882	0.83
9/5/2008 11:35	0.884	0.92
9/5/2008 11:40	0.884	0.83

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/5/2008 11:45	0.883	0.83
9/5/2008 11:50	0.884	0.84
9/5/2008 11:55	0.884	0.86
9/5/2008 12:00	0.884	0.83
9/5/2008 12:05	0.882	0.95
9/5/2008 12:10	0.882	0.85
9/5/2008 12:15	0.88	0.86
9/5/2008 12:20	0.876	0.81
9/5/2008 12:25	0.873	0.83
9/5/2008 12:30	0.871	0.89
9/5/2008 12:35	0.87	0.84
9/5/2008 12:40	0.869	0.84
9/5/2008 12:45	0.866	0.84
9/5/2008 12:50	0.865	0.84
9/5/2008 12:55	0.861	0.84
9/5/2008 13:00	0.859	0.83
9/5/2008 13:05	0.857	0.83
9/5/2008 13:10	0.854	0.88
9/5/2008 13:15	0.852	0.84
9/5/2008 13:20	0.85	0.86
9/5/2008 13:25	0.848	0.85
9/5/2008 13:30	0.848	0.86
9/5/2008 13:35	0.846	0.95
9/5/2008 13:40	0.843	0.81
9/5/2008 13:45	0.841	0.81
9/5/2008 13:50	0.841	0.84
9/5/2008 13:55	0.838	0.84
9/5/2008 14:00	0.836	0.81
9/5/2008 14:05	0.833	0.88
9/5/2008 14:10	0.829	0.82
9/5/2008 14:15	0.828	0.81
9/5/2008 14:20	0.826	0.78
9/5/2008 14:25	0.822	0.75
9/5/2008 14:30	0.821	0.8
9/5/2008 14:35	0.819	0.88
9/5/2008 14:40	0.817	0.8
9/5/2008 14:45	0.816	0.83
9/5/2008 14:50	0.815	0.85
9/5/2008 14:55	0.814	0.88
9/5/2008 15:00	0.811	0.81
9/5/2008 15:05	0.809	0.79
9/5/2008 15:10	0.809	0.8
9/5/2008 15:15	0.807	0.86
9/5/2008 15:20	0.803	0.78

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/5/2008 15:25	0.799	0.8
9/5/2008 15:30	0.8	0.78
9/5/2008 15:35	0.798	0.77
9/5/2008 15:40	0.794	0.78
9/5/2008 15:45	0.796	0.87
9/5/2008 15:50	0.795	0.84
9/5/2008 15:55	0.794	0.81
9/5/2008 16:00	0.792	0.82
9/5/2008 16:05	0.789	0.85
9/5/2008 16:10	0.789	0.8
9/5/2008 16:15	0.787	0.9
9/5/2008 16:20	0.786	0.8
9/5/2008 16:25	0.786	0.86
9/5/2008 16:30	0.784	0.91
9/5/2008 16:35	0.783	0.81
9/5/2008 16:40	0.78	0.82
9/5/2008 16:45	0.778	0.79
9/5/2008 16:50	0.778	0.86
9/5/2008 16:55	0.776	0.84
9/5/2008 17:00	0.774	0.81
9/5/2008 17:05	0.774	0.8
9/5/2008 17:10	0.773	0.85
9/5/2008 17:15	0.771	0.82
9/5/2008 17:20	0.77	0.86
9/5/2008 17:25	0.769	0.88
9/5/2008 17:30	0.742	0.81
9/5/2008 17:35	0.664	0.72
9/5/2008 17:40	0.639	0.8
9/5/2008 17:45	0.621	0.69
9/5/2008 17:50	0.612	0.76
9/5/2008 17:55	0.61	0.74
9/5/2008 18:00	0.61	0.73
9/5/2008 18:05	0.608	0.78
9/5/2008 18:10	0.609	0.81
9/5/2008 18:15	0.607	0.72
9/5/2008 18:20	0.606	0.76
9/5/2008 18:25	0.604	0.77
9/5/2008 18:30	0.603	0.85
9/5/2008 18:35	0.604	0.8
9/5/2008 18:40	0.603	0.76
9/5/2008 18:45	0.602	0.83
9/5/2008 18:50	0.602	0.75
9/5/2008 18:55	0.603	0.8
9/5/2008 19:00	0.602	0.76

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/5/2008 19:05	0.601	0.8
9/5/2008 19:10	0.6	0.84
9/5/2008 19:15	0.602	0.78
9/5/2008 19:20	0.597	0.75
9/5/2008 19:25	0.597	0.77
9/5/2008 19:30	0.544	0.72
9/5/2008 19:35	0.542	0.69
9/5/2008 19:40	0.539	0.68
9/5/2008 19:45	0.532	0.67
9/5/2008 19:50	0.524	0.68
9/5/2008 19:55	0.524	0.68
9/5/2008 20:00	0.52	0.7
9/5/2008 20:05	0.522	0.75
9/5/2008 20:10	0.521	0.8
9/5/2008 20:15	0.52	0.72
9/5/2008 20:20	0.522	0.72
9/5/2008 20:25	0.519	0.72
9/5/2008 20:30	0.52	0.72
9/5/2008 20:35	0.517	0.78
9/5/2008 20:40	0.516	0.78
9/5/2008 20:45	0.515	0.82
9/5/2008 20:50	0.523	0.8
9/5/2008 20:55	0.516	0.44
9/5/2008 21:00	0.515	0.39
9/5/2008 21:05	0.504	0.39
9/5/2008 21:10	0.485	0.39
9/5/2008 21:15	0.477	0.43
9/5/2008 21:20	0.478	0.43
9/5/2008 21:25	0.478	0.43
9/5/2008 21:30	0.478	0.88
9/5/2008 21:35	0.479	0.88
9/5/2008 21:40	0.475	0.29
9/5/2008 21:45	0.48	0.29
9/5/2008 21:50	0.479	0.63
9/5/2008 21:55	0.477	0.39
9/5/2008 22:00	0.476	0.39
9/5/2008 22:05	0.477	0.63
9/5/2008 22:10	0.482	0.69
9/5/2008 22:15	0.486	0.47
9/5/2008 22:20	0.489	0.39
9/5/2008 22:25	0.489	0.72
9/5/2008 22:30	0.488	0.59
9/5/2008 22:35	0.487	0.52
9/5/2008 22:40	0.488	0.52

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/5/2008 22:45	0.485	0.52
9/5/2008 22:50	0.482	0.76
9/5/2008 22:55	0.486	0.76
9/5/2008 23:00	0.482	0.32
9/5/2008 23:05	0.485	0.32
9/5/2008 23:10	0.483	0.32
9/5/2008 23:15	0.482	0.26
9/5/2008 23:20	0.485	0.44
9/5/2008 23:25	0.487	0.29
9/5/2008 23:30	0.49	0.43
9/5/2008 23:35	0.491	0.33
9/5/2008 23:40	0.489	0.53
9/5/2008 23:45	0.491	0.29
9/5/2008 23:50	0.492	0.26
9/5/2008 23:55	0.491	0.26
9/6/2008 0:00	0.485	0.26
9/6/2008 0:05	0.484	0.39
9/6/2008 0:10	0.482	0.28
9/6/2008 0:15	0.489	0.28
9/6/2008 0:20	0.492	0.28
9/6/2008 0:25	0.487	0.28
9/6/2008 0:30	0.489	0.28
9/6/2008 0:35	0.488	0.27
9/6/2008 0:40	0.491	0.57
9/6/2008 0:45	0.49	0.27
9/6/2008 0:50	0.494	0.27
9/6/2008 0:55	0.492	0.35
9/6/2008 1:00	0.487	0.26
9/6/2008 1:05	0.489	0.23
9/6/2008 1:10	0.491	0.29
9/6/2008 1:15	0.488	0.4
9/6/2008 1:20	0.482	0.32
9/6/2008 1:25	0.469	0.26
9/6/2008 1:30	0.459	0.26
9/6/2008 1:35	0.447	0.34
9/6/2008 1:40	0.449	0.25
9/6/2008 1:45	0.45	0.22
9/6/2008 1:50	0.452	0.28
9/6/2008 1:55	0.449	0.26
9/6/2008 2:00	0.452	0.24
9/6/2008 2:05	0.455	0.25
9/6/2008 2:10	0.452	0.28
9/6/2008 2:15	0.452	0.28
9/6/2008 2:20	0.454	0.25

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/6/2008 2:25	0.454	0.24
9/6/2008 2:30	0.455	0.26
9/6/2008 2:35	0.452	0.33
9/6/2008 2:40	0.455	0.24
9/6/2008 2:45	0.456	0.24
9/6/2008 2:50	0.457	0.23
9/6/2008 2:55	0.458	0.21
9/6/2008 3:00	0.458	0.22
9/6/2008 3:05	0.459	0.25
9/6/2008 3:10	0.459	0.26
9/6/2008 3:15	0.461	0.24
9/6/2008 3:20	0.46	0.25
9/6/2008 3:25	0.458	0.23
9/6/2008 3:30	0.458	0.23
9/6/2008 3:35	0.46	0.23
9/6/2008 3:40	0.456	0.24
9/6/2008 3:45	0.459	0.23
9/6/2008 3:50	0.461	0.24
9/6/2008 3:55	0.463	0.44
9/6/2008 4:00	0.461	0.25
9/6/2008 4:05	0.463	0.26
9/6/2008 4:10	0.466	0.24
9/6/2008 4:15	0.465	0.24
9/6/2008 4:20	0.466	0.24
9/6/2008 4:25	0.467	0.24
9/6/2008 4:30	0.489	0.24
9/6/2008 4:35	0.782	0.24
9/6/2008 4:40	1.161	0.24
9/6/2008 4:45	1.172	0.24
9/6/2008 4:50	1.144	0.24
9/6/2008 4:55	1.099	0.25
9/6/2008 5:00	1.057	0.28
9/6/2008 5:05	1.01	0.29
9/6/2008 5:10	0.962	0.29
9/6/2008 5:15	0.916	0.29
9/6/2008 5:20	0.887	0.29
9/6/2008 5:25	0.864	0.33
9/6/2008 5:30	0.839	0.39
9/6/2008 5:35	0.817	0.32
9/6/2008 5:40	0.822	0.35
9/6/2008 5:45	0.831	0.3
9/6/2008 5:50	0.824	0.42
9/6/2008 5:55	0.846	0.33
9/6/2008 6:00	0.972	0.33

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/6/2008 6:05	1.007	0.33
9/6/2008 6:10	0.991	0.36
9/6/2008 6:15	0.962	0.36
9/6/2008 6:20	0.921	0.45
9/6/2008 6:25	0.886	0.45
9/6/2008 6:30	0.851	0.46
9/6/2008 6:35	0.821	0.48
9/6/2008 6:40	0.797	0.59
9/6/2008 6:45	0.774	0.69
9/6/2008 6:50	0.756	0.72
9/6/2008 6:55	0.745	0.72
9/6/2008 7:00	0.733	0.81
9/6/2008 7:05	0.726	0.78
9/6/2008 7:10	0.718	0.82
9/6/2008 7:15	0.713	0.79
9/6/2008 7:20	0.712	0.81
9/6/2008 7:25	0.712	0.8
9/6/2008 7:30	0.71	0.79
9/6/2008 7:35	0.71	0.81
9/6/2008 7:40	0.709	0.87
9/6/2008 7:45	0.709	0.77
9/6/2008 7:50	0.71	0.8
9/6/2008 7:55	0.709	0.88
9/6/2008 8:00	0.709	0.85
9/6/2008 8:05	0.711	0.84
9/6/2008 8:10	0.711	0.78
9/6/2008 8:15	0.711	0.87
9/6/2008 8:20	0.711	0.83
9/6/2008 8:25	0.712	0.86
9/6/2008 8:30	0.712	0.85
9/6/2008 8:35	0.714	0.88
9/6/2008 8:40	0.714	0.87
9/6/2008 8:45	0.715	0.84
9/6/2008 8:50	0.715	0.8
9/6/2008 8:55	0.714	0.88
9/6/2008 9:00	0.715	0.84
9/6/2008 9:05	0.716	0.8
9/6/2008 9:10	0.716	0.85
9/6/2008 9:15	0.717	0.87
9/6/2008 9:20	0.717	0.79
9/6/2008 9:25	0.717	0.85
9/6/2008 9:30	0.718	0.86
9/6/2008 9:35	0.719	0.84
9/6/2008 9:40	0.72	0.82

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/6/2008 9:45	0.718	0.85
9/6/2008 9:50	0.719	0.9
9/6/2008 9:55	0.721	0.83
9/6/2008 10:00	0.721	0.86
9/6/2008 10:05	0.721	0.87
9/6/2008 10:10	0.72	0.89
9/6/2008 10:15	0.721	0.87
9/6/2008 10:20	0.722	0.86
9/6/2008 10:25	0.72	0.94
9/6/2008 10:30	0.722	0.83
9/6/2008 10:35	0.724	0.82
9/6/2008 10:40	0.723	0.81
9/6/2008 10:45	0.722	0.83
9/6/2008 10:50	0.723	0.88
9/6/2008 10:55	0.725	0.95
9/6/2008 11:00	0.724	0.81
9/6/2008 11:05	0.725	0.87
9/6/2008 11:10	0.725	0.87
9/6/2008 11:15	0.725	0.84
9/6/2008 11:20	0.725	0.81
9/6/2008 11:25	0.724	0.93
9/6/2008 11:30	0.726	0.87
9/6/2008 11:35	0.725	0.92
9/6/2008 11:40	0.726	0.88
9/6/2008 11:45	0.726	0.89
9/6/2008 11:50	0.727	0.8
9/6/2008 11:55	0.725	0.88
9/6/2008 12:00	0.727	0.79
9/6/2008 12:05	0.725	0.86
9/6/2008 12:10	0.726	0.85
9/6/2008 12:15	0.725	0.86
9/6/2008 12:20	0.726	0.93
9/6/2008 12:25	0.726	0.88
9/6/2008 12:30	0.725	0.83
9/6/2008 12:35	0.725	0.94
9/6/2008 12:40	0.726	0.9
9/6/2008 12:45	0.726	0.87
9/6/2008 12:50	0.725	0.91
9/6/2008 12:55	0.725	0.88
9/6/2008 13:00	0.726	0.92
9/6/2008 13:05	0.725	0.93
9/6/2008 13:10	0.724	0.9
9/6/2008 13:15	0.725	0.95
9/6/2008 13:20	0.724	0.92

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/6/2008 13:25	0.725	0.89
9/6/2008 13:30	0.724	0.9
9/6/2008 13:35	0.724	0.85
9/6/2008 13:40	0.724	0.93
9/6/2008 13:45	0.725	0.92
9/6/2008 13:50	0.724	0.9
9/6/2008 13:55	0.724	0.94
9/6/2008 14:00	0.725	0.85
9/6/2008 14:05	0.725	0.9
9/6/2008 14:10	0.725	0.92
9/6/2008 14:15	0.726	0.94
9/6/2008 14:20	0.727	0.91
9/6/2008 14:25	0.725	0.88
9/6/2008 14:30	0.725	0.91
9/6/2008 14:35	0.724	0.9
9/6/2008 14:40	0.724	0.92
9/6/2008 14:45	0.726	0.87
9/6/2008 14:50	0.726	0.89
9/6/2008 14:55	0.727	0.85
9/6/2008 15:00	0.726	0.93
9/6/2008 15:05	0.726	0.88
9/6/2008 15:10	0.726	0.83
9/6/2008 15:15	0.726	0.9
9/6/2008 15:20	0.727	0.89
9/6/2008 15:25	0.727	0.83
9/6/2008 15:30	0.726	0.95
9/6/2008 15:35	0.727	0.92
9/6/2008 15:40	0.726	0.92
9/6/2008 15:45	0.726	0.89
9/6/2008 15:50	0.726	0.86
9/6/2008 15:55	0.725	0.88
9/6/2008 16:00	0.726	0.89
9/6/2008 16:05	0.726	0.91
9/6/2008 16:10	0.726	0.81
9/6/2008 16:15	0.724	0.9
9/6/2008 16:20	0.724	0.85
9/6/2008 16:25	0.725	0.9
9/6/2008 16:30	0.726	0.87
9/6/2008 16:35	0.727	0.86
9/6/2008 16:40	0.728	0.89
9/6/2008 16:45	0.727	0.9
9/6/2008 16:50	0.725	0.92
9/6/2008 16:55	0.728	0.88
9/6/2008 17:00	0.728	0.9

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/6/2008 17:05	0.73	0.9
9/6/2008 17:10	0.724	0.9
9/6/2008 17:15	0.722	0.85
9/6/2008 17:20	0.723	0.85
9/6/2008 17:25	0.72	0.85
9/6/2008 17:30	0.72	0.85
9/6/2008 17:35	0.72	0.85
9/6/2008 17:40	0.724	0.85
9/6/2008 17:45	0.73	0.85
9/6/2008 17:50	0.732	0.85
9/6/2008 17:55	0.738	0.85
9/6/2008 18:00	0.749	0.85
9/6/2008 18:05	0.756	0.85
9/6/2008 18:10	0.763	0.85
9/6/2008 18:15	0.772	0.85
9/6/2008 18:20	0.779	0.85
9/6/2008 18:25	0.785	0.85
9/6/2008 18:30	0.79	0.51
9/6/2008 18:35	0.799	0.51
9/6/2008 18:40	0.805	0.51
9/6/2008 18:45	0.825	0.51
9/6/2008 18:50	0.862	0.52
9/6/2008 18:55	0.92	0.52
9/6/2008 19:00	0.999	0.49
9/6/2008 19:05	1.14	0.47
9/6/2008 19:10	1.228	0.43
9/6/2008 19:15	1.266	0.43
9/6/2008 19:20	1.301	0.43
9/6/2008 19:25	1.34	0.44
9/6/2008 19:30	1.395	0.48
9/6/2008 19:35	1.43	0.48
9/6/2008 19:40	1.434	0.49
9/6/2008 19:45	1.433	0.46
9/6/2008 19:50	1.429	0.59
9/6/2008 19:55	1.426	0.51
9/6/2008 20:00	1.419	0.43
9/6/2008 20:05	1.409	0.49
9/6/2008 20:10	1.401	0.51
9/6/2008 20:15	1.392	0.5
9/6/2008 20:20	1.382	0.48
9/6/2008 20:25	1.366	0.53
9/6/2008 20:30	1.336	0.52
9/6/2008 20:35	1.292	0.59
9/6/2008 20:40	1.239	0.65

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/6/2008 20:45	1.193	0.72
9/6/2008 20:50	1.172	0.73
9/6/2008 20:55	1.186	0.69
9/6/2008 21:00	1.238	0.65
9/6/2008 21:05	1.282	0.58
9/6/2008 21:10	1.312	0.58
9/6/2008 21:15	1.336	0.69
9/6/2008 21:20	1.361	0.68
9/6/2008 21:25	1.406	0.68
9/6/2008 21:30	1.458	0.65
9/6/2008 21:35	1.515	0.68
9/6/2008 21:40	1.566	0.62
9/6/2008 21:45	1.612	0.66
9/6/2008 21:50	1.658	0.69
9/6/2008 21:55	1.714	0.6
9/6/2008 22:00	1.766	0.63
9/6/2008 22:05	1.803	0.59
9/6/2008 22:10	1.833	0.58
9/6/2008 22:15	1.845	0.6
9/6/2008 22:20	1.84	0.58
9/6/2008 22:25	1.814	0.71
9/6/2008 22:30	1.797	0.68
9/6/2008 22:35	1.81	0.66
9/6/2008 22:40	1.842	0.67
9/6/2008 22:45	1.882	0.67
9/6/2008 22:50	1.897	0.84
9/6/2008 22:55	1.905	0.61
9/6/2008 23:00	1.921	0.74
9/6/2008 23:05	1.921	0.72
9/6/2008 23:10	1.9	0.9
9/6/2008 23:15	1.886	0.8
9/6/2008 23:20	1.886	0.78
9/6/2008 23:25	1.881	0.7
9/6/2008 23:30	1.861	0.74
9/6/2008 23:35	1.842	0.73
9/6/2008 23:40	1.824	0.7
9/6/2008 23:45	1.807	0.76
9/6/2008 23:50	1.786	0.78
9/6/2008 23:55	1.761	0.85
9/7/2008 0:00	1.78	0.8
9/7/2008 0:05	1.702	0.85
9/7/2008 0:10	1.67	0.83
9/7/2008 0:15	1.64	0.92
9/7/2008 0:20	1.614	0.92

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/7/2008 0:25	1.591	0.93
9/7/2008 0:30	1.574	0.95
9/7/2008 0:35	1.561	1.06
9/7/2008 0:40	1.547	1.05
9/7/2008 0:45	1.541	1.06
9/7/2008 0:50	1.529	1.02
9/7/2008 0:55	1.536	0.97
9/7/2008 1:00	1.537	1.05
9/7/2008 1:05	1.541	1.08
9/7/2008 1:10	1.543	0.99
9/7/2008 1:15	1.541	1.03
9/7/2008 1:20	1.541	1.06
9/7/2008 1:25	1.541	0.98
9/7/2008 1:30	1.544	1.11
9/7/2008 1:35	1.543	1.03
9/7/2008 1:40	1.545	1.07
9/7/2008 1:45	1.547	1.04
9/7/2008 1:50	1.547	1
9/7/2008 1:55	1.547	1.02
9/7/2008 2:00	1.547	1.05
9/7/2008 2:05	1.548	1.16
9/7/2008 2:10	1.55	1.06
9/7/2008 2:15	1.551	1.04
9/7/2008 2:20	1.553	1.08
9/7/2008 2:25	1.555	1.04
9/7/2008 2:30	1.558	1.06
9/7/2008 2:35	1.559	1.04
9/7/2008 2:40	1.562	1.06
9/7/2008 2:45	1.563	1.14
9/7/2008 2:50	1.561	1.11
9/7/2008 2:55	1.565	1.16
9/7/2008 3:00	1.565	1.16
9/7/2008 3:05	1.569	1.11
9/7/2008 3:10	1.568	1.18
9/7/2008 3:15	1.571	1.09
9/7/2008 3:20	1.573	1.05
9/7/2008 3:25	1.574	1.07
9/7/2008 3:30	1.577	1.13
9/7/2008 3:35	1.577	1.09
9/7/2008 3:40	1.576	1.12
9/7/2008 3:45	1.578	1.1
9/7/2008 3:50	1.582	1.21
9/7/2008 3:55	1.584	1.11
9/7/2008 4:00	1.585	1.08

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/7/2008 4:05	1.587	1.08
9/7/2008 4:10	1.587	1.08
9/7/2008 4:15	1.589	1.07
9/7/2008 4:20	1.587	1.02
9/7/2008 4:25	1.586	1.06
9/7/2008 4:30	1.586	1.16
9/7/2008 4:35	1.588	1
9/7/2008 4:40	1.59	1.11
9/7/2008 4:45	1.589	1.12
9/7/2008 4:50	1.59	1.06
9/7/2008 4:55	1.591	1.13
9/7/2008 5:00	1.59	1.07
9/7/2008 5:05	1.59	1.14
9/7/2008 5:10	1.59	1.17
9/7/2008 5:15	1.591	1.14
9/7/2008 5:20	1.593	1.11
9/7/2008 5:25	1.592	1.04
9/7/2008 5:30	1.593	1.1
9/7/2008 5:35	1.593	1.11
9/7/2008 5:40	1.594	1.08
9/7/2008 5:45	1.598	1.2
9/7/2008 5:50	1.595	1.07
9/7/2008 5:55	1.594	1.13
9/7/2008 6:00	1.598	1.09
9/7/2008 6:05	1.599	1.08
9/7/2008 6:10	1.6	1.11
9/7/2008 6:15	1.601	1.17
9/7/2008 6:20	1.601	1.07
9/7/2008 6:25	1.604	1.21
9/7/2008 6:30	1.601	1.09
9/7/2008 6:35	1.6	1.15
9/7/2008 6:40	1.6	1.01
9/7/2008 6:45	1.603	0.99
9/7/2008 6:50	1.603	1.05
9/7/2008 6:55	1.606	1.16
9/7/2008 7:00	1.603	1.11
9/7/2008 7:05	1.604	1.19
9/7/2008 7:10	1.608	1.03
9/7/2008 7:15	1.608	1.08
9/7/2008 7:20	1.609	1.14
9/7/2008 7:25	1.61	1.11
9/7/2008 7:30	1.61	1.1
9/7/2008 7:35	1.608	1.03
9/7/2008 7:40	1.606	1.04

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/7/2008 7:45	1.604	1.06
9/7/2008 7:50	1.605	1.04
9/7/2008 7:55	1.604	1.12
9/7/2008 8:00	1.603	1.1
9/7/2008 8:05	1.604	1.08
9/7/2008 8:10	1.603	1.24
9/7/2008 8:15	1.603	1.37
9/7/2008 8:20	1.603	1.26
9/7/2008 8:25	1.601	1.09
9/7/2008 8:30	1.603	1.08
9/7/2008 8:35	1.6	1.09
9/7/2008 8:40	1.601	1.08
9/7/2008 8:45	1.603	1.08
9/7/2008 8:50	1.602	1.17
9/7/2008 8:55	1.603	1.1
9/7/2008 9:00	1.602	0.99
9/7/2008 9:05	1.602	1.19
9/7/2008 9:10	1.602	1.08
9/7/2008 9:15	1.603	1.07
9/7/2008 9:20	1.602	1.02
9/7/2008 9:25	1.603	1.07
9/7/2008 9:30	1.6	1.17
9/7/2008 9:35	1.601	1.12
9/7/2008 9:40	1.601	1.04
9/7/2008 9:45	1.6	1.08
9/7/2008 9:50	1.597	1.04
9/7/2008 9:55	1.6	1.07
9/7/2008 10:00	1.596	1.2
9/7/2008 10:05	1.597	1.09
9/7/2008 10:10	1.594	1.02
9/7/2008 10:15	1.591	1.05
9/7/2008 10:20	1.591	1.04
9/7/2008 10:25	1.592	1.03
9/7/2008 10:30	1.591	1.11
9/7/2008 10:35	1.588	1.07
9/7/2008 10:40	1.587	1.12
9/7/2008 10:45	1.585	1.2
9/7/2008 10:50	1.585	1.06
9/7/2008 10:55	1.586	1.14
9/7/2008 11:00	1.585	1.06
9/7/2008 11:05	1.584	1.1
9/7/2008 11:10	1.584	1.07
9/7/2008 11:15	1.584	1.03
9/7/2008 11:20	1.583	1.14

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/7/2008 11:25	1.582	1.09
9/7/2008 11:30	1.58	1.2
9/7/2008 11:35	1.578	1.12
9/7/2008 11:40	1.579	1.15
9/7/2008 11:45	1.579	1.09
9/7/2008 11:50	1.579	1.18
9/7/2008 11:55	1.578	1.08
9/7/2008 12:00	1.579	1.12
9/7/2008 12:05	1.577	1.06
9/7/2008 12:10	1.576	1.07
9/7/2008 12:15	1.575	1.1
9/7/2008 12:20	1.573	1.14
9/7/2008 12:25	1.57	1.08
9/7/2008 12:30	1.57	1.02
9/7/2008 12:35	1.572	1.08
9/7/2008 12:40	1.57	1.14
9/7/2008 12:45	1.568	1.2
9/7/2008 12:50	1.57	1.11
9/7/2008 12:55	1.568	1.05
9/7/2008 13:00	1.565	0.99
9/7/2008 13:05	1.566	1.1
9/7/2008 13:10	1.564	1.08
9/7/2008 13:15	1.564	1.14
9/7/2008 13:20	1.564	1
9/7/2008 13:25	1.565	1.06
9/7/2008 13:30	1.562	1.07
9/7/2008 13:35	1.563	1.3
9/7/2008 13:40	1.561	1.07
9/7/2008 13:45	1.558	1.14
9/7/2008 13:50	1.557	1.08
9/7/2008 13:55	1.557	1.13
9/7/2008 14:00	1.551	1.1
9/7/2008 14:05	1.55	1.09
9/7/2008 14:10	1.549	1.08
9/7/2008 14:15	1.547	1.02
9/7/2008 14:20	1.547	1.08
9/7/2008 14:25	1.546	1.1
9/7/2008 14:30	1.541	1.02
9/7/2008 14:35	1.543	1.18
9/7/2008 14:40	1.541	1.1
9/7/2008 14:45	1.538	1.21
9/7/2008 14:50	1.538	1.06
9/7/2008 14:55	1.539	0.96
9/7/2008 15:00	1.535	1.02

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/7/2008 15:05	1.535	1.32
9/7/2008 15:10	1.533	1
9/7/2008 15:15	1.532	1.2
9/7/2008 15:20	1.529	1.1
9/7/2008 15:25	1.53	1.05
9/7/2008 15:30	1.526	1.18
9/7/2008 15:35	1.524	1.13
9/7/2008 15:40	1.522	1.16
9/7/2008 15:45	1.521	1.07
9/7/2008 15:50	1.519	1.09
9/7/2008 15:55	1.52	1.12
9/7/2008 16:00	1.518	1.07
9/7/2008 16:05	1.516	1.08
9/7/2008 16:10	1.517	1.08
9/7/2008 16:15	1.516	1.09
9/7/2008 16:20	1.516	1.02
9/7/2008 16:25	1.512	1.19
9/7/2008 16:30	1.509	1.05
9/7/2008 16:35	1.507	1.11
9/7/2008 16:40	1.505	1.04
9/7/2008 16:45	1.505	1.08
9/7/2008 16:50	1.502	1.05
9/7/2008 16:55	1.503	1.09
9/7/2008 17:00	1.501	1.15
9/7/2008 17:05	1.501	1.09
9/7/2008 17:10	1.499	1.08
9/7/2008 17:15	1.496	1.11
9/7/2008 17:20	1.497	1.17
9/7/2008 17:25	1.498	1.04
9/7/2008 17:30	1.497	1.13
9/7/2008 17:35	1.493	1.06
9/7/2008 17:40	1.49	1.1
9/7/2008 17:45	1.489	1.09
9/7/2008 17:50	1.486	1.08
9/7/2008 17:55	1.487	1.06
9/7/2008 18:00	1.484	1.2
9/7/2008 18:05	1.486	1.12
9/7/2008 18:10	1.484	1.07
9/7/2008 18:15	1.482	1.14
9/7/2008 18:20	1.482	1.05
9/7/2008 18:25	1.481	1.07
9/7/2008 18:30	1.478	1.07
9/7/2008 18:35	1.478	1.05
9/7/2008 18:40	1.477	1.13

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/7/2008 18:45	1.475	1.09
9/7/2008 18:50	1.472	1.06
9/7/2008 18:55	1.471	1.15
9/7/2008 19:00	1.47	1.08
9/7/2008 19:05	1.466	1.26
9/7/2008 19:10	1.467	1.12
9/7/2008 19:15	1.464	1.14
9/7/2008 19:20	1.466	1.06
9/7/2008 19:25	1.462	1.08
9/7/2008 19:30	1.459	1.14
9/7/2008 19:35	1.456	1.11
9/7/2008 19:40	1.454	1.05
9/7/2008 19:45	1.453	1.08
9/7/2008 19:50	1.449	1.08
9/7/2008 19:55	1.449	1.06
9/7/2008 20:00	1.448	1.05
9/7/2008 20:05	1.442	0.99
9/7/2008 20:10	1.443	1.07
9/7/2008 20:15	1.426	1.04
9/7/2008 20:20	1.415	1.03
9/7/2008 20:25	1.411	1.02
9/7/2008 20:30	1.408	1.01
9/7/2008 20:35	1.403	1.01
9/7/2008 20:40	1.401	1.11
9/7/2008 20:45	1.403	0.99
9/7/2008 20:50	1.4	1.06
9/7/2008 20:55	1.402	1.01
9/7/2008 21:00	1.399	1.07
9/7/2008 21:05	1.397	0.98
9/7/2008 21:10	1.397	1.1
9/7/2008 21:15	1.394	1.13
9/7/2008 21:20	1.393	0.97
9/7/2008 21:25	1.389	1.05
9/7/2008 21:30	1.388	1.02
9/7/2008 21:35	1.385	1.1
9/7/2008 21:40	1.383	1.16
9/7/2008 21:45	1.381	1.06
9/7/2008 21:50	1.383	1.04
9/7/2008 21:55	1.385	1.04
9/7/2008 22:00	1.379	1.08
9/7/2008 22:05	1.379	1.03
9/7/2008 22:10	1.376	1.04
9/7/2008 22:15	1.375	0.98
9/7/2008 22:20	1.374	1.04

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Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/7/2008 22:25	1.372	1.05
9/7/2008 22:30	1.371	1.06
9/7/2008 22:35	1.369	1.08
9/7/2008 22:40	1.367	1.07
9/7/2008 22:45	1.366	1.02
9/7/2008 22:50	1.364	1.05
9/7/2008 22:55	1.362	1.01
9/7/2008 23:00	1.361	1.01
9/7/2008 23:05	1.36	1.06
9/7/2008 23:10	1.361	1.13
9/7/2008 23:15	1.358	1.01
9/7/2008 23:20	1.358	1.13
9/7/2008 23:25	1.355	1.01
9/7/2008 23:30	1.352	1.05
9/7/2008 23:35	1.351	1.08
9/7/2008 23:40	1.35	1.05
9/7/2008 23:45	1.347	1.23
9/7/2008 23:50	1.346	1.09
9/7/2008 23:55	1.345	1.06
9/8/2008 0:00	1.344	1.1
9/8/2008 0:05	1.342	1.02
9/8/2008 0:10	1.339	1.13
9/8/2008 0:15	1.338	1.01
9/8/2008 0:20	1.337	1.03
9/8/2008 0:25	1.334	1.09
9/8/2008 0:30	1.334	1.02
9/8/2008 0:35	1.331	1.06
9/8/2008 0:40	1.331	1.03
9/8/2008 0:45	1.329	1.05
9/8/2008 0:50	1.327	1.01
9/8/2008 0:55	1.326	1.02
9/8/2008 1:00	1.324	1.01
9/8/2008 1:05	1.322	1.01
9/8/2008 1:10	1.32	1.02
9/8/2008 1:15	1.319	0.98
9/8/2008 1:20	1.318	1.04
9/8/2008 1:25	1.316	1.14
9/8/2008 1:30	1.313	1.05
9/8/2008 1:35	1.311	1.02
9/8/2008 1:40	1.311	1.1
9/8/2008 1:45	1.307	1.06
9/8/2008 1:50	1.306	1.02
9/8/2008 1:55	1.304	1.22
9/8/2008 2:00	1.302	1.14

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/8/2008 2:05	1.301	1.09
9/8/2008 2:10	1.301	0.98
9/8/2008 2:15	1.296	1.04
9/8/2008 2:20	1.296	1.02
9/8/2008 2:25	1.294	1.05
9/8/2008 2:30	1.292	1.01
9/8/2008 2:35	1.289	0.91
9/8/2008 2:40	1.289	0.97
9/8/2008 2:45	1.286	1.05
9/8/2008 2:50	1.285	1.02
9/8/2008 2:55	1.282	1.02
9/8/2008 3:00	1.28	0.94
9/8/2008 3:05	1.279	1
9/8/2008 3:10	1.264	1
9/8/2008 3:15	1.25	0.95
9/8/2008 3:20	1.238	0.94
9/8/2008 3:25	1.234	0.93
9/8/2008 3:30	1.23	0.92
9/8/2008 3:35	1.227	0.98
9/8/2008 3:40	1.222	1.02
9/8/2008 3:45	1.216	0.97
9/8/2008 3:50	1.207	1.09
9/8/2008 3:55	1.201	0.96
9/8/2008 4:00	1.197	0.99
9/8/2008 4:05	1.195	0.98
9/8/2008 4:10	1.194	0.91
9/8/2008 4:15	1.195	0.93
9/8/2008 4:20	1.192	0.93
9/8/2008 4:25	1.192	0.98
9/8/2008 4:30	1.191	0.91
9/8/2008 4:35	1.19	0.95
9/8/2008 4:40	1.189	0.93
9/8/2008 4:45	1.187	0.99
9/8/2008 4:50	1.186	0.95
9/8/2008 4:55	1.185	0.96
9/8/2008 5:00	1.182	0.93
9/8/2008 5:05	1.182	0.93
9/8/2008 5:10	1.181	0.99
9/8/2008 5:15	1.18	0.93
9/8/2008 5:20	1.178	1.01
9/8/2008 5:25	1.177	0.97
9/8/2008 5:30	1.177	0.88
9/8/2008 5:35	1.175	0.94
9/8/2008 5:40	1.174	0.99

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/8/2008 5:45	1.171	0.93
9/8/2008 5:50	1.171	0.94
9/8/2008 5:55	1.17	0.97
9/8/2008 6:00	1.17	0.92
9/8/2008 6:05	1.171	0.99
9/8/2008 6:10	1.167	1
9/8/2008 6:15	1.167	0.96
9/8/2008 6:20	1.166	0.98
9/8/2008 6:25	1.165	0.97
9/8/2008 6:30	1.162	0.98
9/8/2008 6:35	1.162	0.95
9/8/2008 6:40	1.161	0.99
9/8/2008 6:45	1.159	0.99
9/8/2008 6:50	1.159	0.94
9/8/2008 6:55	1.158	0.95
9/8/2008 7:00	1.158	0.98
9/8/2008 7:05	1.158	0.96
9/8/2008 7:10	1.157	0.93
9/8/2008 7:15	1.155	0.95
9/8/2008 7:20	1.153	0.93
9/8/2008 7:25	1.149	1.05
9/8/2008 7:30	1.147	0.95
9/8/2008 7:35	1.145	0.97
9/8/2008 7:40	1.144	0.98
9/8/2008 7:45	1.143	0.9
9/8/2008 7:50	1.142	0.95
9/8/2008 7:55	1.142	0.9
9/8/2008 8:00	1.14	0.93
9/8/2008 8:05	1.139	0.96
9/8/2008 8:10	1.138	0.97
9/8/2008 8:15	1.138	0.94
9/8/2008 8:20	1.137	0.92
9/8/2008 8:25	1.133	0.91
9/8/2008 8:30	1.136	1.07
9/8/2008 8:35	1.135	0.93
9/8/2008 8:40	1.135	0.93
9/8/2008 8:45	1.133	0.94
9/8/2008 8:50	1.133	0.97
9/8/2008 8:55	1.134	1.07
9/8/2008 9:00	1.133	0.99
9/8/2008 9:05	1.132	0.98
9/8/2008 9:10	1.131	0.94
9/8/2008 9:15	1.13	1
9/8/2008 9:20	1.129	0.97

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/8/2008 9:25	1.129	0.95
9/8/2008 9:30	1.127	0.96
9/8/2008 9:35	1.311	1.05
9/8/2008 9:40	1.362	1.14
9/8/2008 9:45	1.376	1.13
9/8/2008 9:50	1.383	1.05
9/8/2008 9:55	1.389	1.05
9/8/2008 10:00	1.389	1.09
9/8/2008 10:05	1.389	1.1
9/8/2008 10:10	1.387	1.09
9/8/2008 10:15	1.385	1.1
9/8/2008 10:20	1.376	1.14
9/8/2008 10:25	1.378	0.96
9/8/2008 10:30	1.375	1.03
9/8/2008 10:35	1.372	1.15
9/8/2008 10:40	1.371	1.2
9/8/2008 10:45	1.365	1.13
9/8/2008 10:50	1.363	1.06
9/8/2008 10:55	1.357	1.12
9/8/2008 11:00	1.354	1.03
9/8/2008 11:05	1.351	1.13
9/8/2008 11:10	1.345	1
9/8/2008 11:15	1.342	1.01
9/8/2008 11:20	1.337	1.2
9/8/2008 11:25	1.334	1.04
9/8/2008 11:30	1.331	0.98
9/8/2008 11:35	1.322	1.03
9/8/2008 11:40	1.318	1
9/8/2008 11:45	1.316	1.12
9/8/2008 11:50	1.313	1.06
9/8/2008 11:55	1.309	1.06
9/8/2008 12:00	1.302	1.06
9/8/2008 12:05	1.301	1.15
9/8/2008 12:10	1.297	1.01
9/8/2008 12:15	1.294	1.03
9/8/2008 12:20	1.29	0.88
9/8/2008 12:25	1.285	1
9/8/2008 12:30	1.281	1.01
9/8/2008 12:35	1.278	1.02
9/8/2008 12:40	1.274	0.98
9/8/2008 12:45	1.268	1
9/8/2008 12:50	1.268	1.04
9/8/2008 12:55	1.264	1.02
9/8/2008 13:00	1.258	0.97

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Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/8/2008 13:05	1.258	1.04
9/8/2008 13:10	1.251	0.91
9/8/2008 13:15	1.247	0.97
9/8/2008 13:20	1.243	1.08
9/8/2008 13:25	1.24	0.97
9/8/2008 13:30	1.236	0.99
9/8/2008 13:35	1.232	0.96
9/8/2008 13:40	1.23	0.99
9/8/2008 13:45	1.227	0.94
9/8/2008 13:50	1.223	1.02
9/8/2008 13:55	1.217	0.97
9/8/2008 14:00	1.215	0.94
9/8/2008 14:05	1.211	1.1
9/8/2008 14:10	1.209	0.97
9/8/2008 14:15	1.205	0.97
9/8/2008 14:20	1.201	0.93
9/8/2008 14:25	1.197	0.96
9/8/2008 14:30	1.194	0.91
9/8/2008 14:35	1.189	0.99
9/8/2008 14:40	1.186	0.96
9/8/2008 14:45	1.183	0.95
9/8/2008 14:50	1.181	0.93
9/8/2008 14:55	1.177	0.96
9/8/2008 15:00	1.175	0.97
9/8/2008 15:05	1.172	0.94
9/8/2008 15:10	1.172	0.91
9/8/2008 15:15	1.169	0.98
9/8/2008 15:20	1.164	0.95
9/8/2008 15:25	1.162	0.91
9/8/2008 15:30	1.159	1
9/8/2008 15:35	1.154	0.95
9/8/2008 15:40	1.152	0.83
9/8/2008 15:45	1.149	0.93
9/8/2008 15:50	1.146	0.96
9/8/2008 15:55	1.145	1.01
9/8/2008 16:00	1.142	0.89
9/8/2008 16:05	1.136	0.91
9/8/2008 16:10	1.133	0.88
9/8/2008 16:15	1.133	0.96
9/8/2008 16:20	1.131	0.91
9/8/2008 16:25	1.13	0.98
9/8/2008 16:30	1.126	0.93
9/8/2008 16:35	1.121	0.88
9/8/2008 16:40	1.12	0.9

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/8/2008 16:45	1.118	0.91
9/8/2008 16:50	1.115	0.87
9/8/2008 16:55	1.114	1.11
9/8/2008 17:00	1.112	0.89
9/8/2008 17:05	1.109	0.96
9/8/2008 17:10	1.102	0.95
9/8/2008 17:15	1.102	0.95
9/8/2008 17:20	1.1	0.97
9/8/2008 17:25	1.099	0.91
9/8/2008 17:30	1.098	0.88
9/8/2008 17:35	1.096	0.9
9/8/2008 17:40	1.095	1.02
9/8/2008 17:45	1.092	1.01
9/8/2008 17:50	1.091	0.93
9/8/2008 17:55	1.089	0.92
9/8/2008 18:00	1.086	0.87
9/8/2008 18:05	1.086	0.91
9/8/2008 18:10	1.085	0.93
9/8/2008 18:15	1.082	0.86
9/8/2008 18:20	1.08	0.82
9/8/2008 18:25	1.078	0.93
9/8/2008 18:30	1.076	0.92
9/8/2008 18:35	1.075	0.87
9/8/2008 18:40	1.074	0.99
9/8/2008 18:45	1.069	0.91
9/8/2008 18:50	1.068	0.89
9/8/2008 18:55	1.064	0.87
9/8/2008 19:00	1.062	0.94
9/8/2008 19:05	1.062	0.89
9/8/2008 19:10	1.059	0.89
9/8/2008 19:15	1.058	0.94
9/8/2008 19:20	1.058	0.88
9/8/2008 19:25	1.055	0.9
9/8/2008 19:30	1.054	1.01
9/8/2008 19:35	1.05	0.9
9/8/2008 19:40	1.049	0.92
9/8/2008 19:45	1.05	0.95
9/8/2008 19:50	1.047	1.01
9/8/2008 19:55	1.046	0.91
9/8/2008 20:00	1.046	0.89
9/8/2008 20:05	1.045	0.84
9/8/2008 20:10	1.044	0.97
9/8/2008 20:15	1.042	0.9
9/8/2008 20:20	1.04	0.92

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/8/2008 20:25	1.04	0.97
9/8/2008 20:30	1.038	0.81
9/8/2008 20:35	1.037	0.84
9/8/2008 20:40	1.036	0.92
9/8/2008 20:45	1.036	0.86
9/8/2008 20:50	1.033	0.86
9/8/2008 20:55	1.033	0.87
9/8/2008 21:00	1.032	0.84
9/8/2008 21:05	1.03	0.98
9/8/2008 21:10	1.028	0.81
9/8/2008 21:15	1.027	0.88
9/8/2008 21:20	1.025	0.83
9/8/2008 21:25	1.028	0.82
9/8/2008 21:30	1.027	0.88
9/8/2008 21:35	1.024	0.83
9/8/2008 21:40	1.025	0.79
9/8/2008 21:45	1.023	0.88
9/8/2008 21:50	1.023	1.01
9/8/2008 21:55	1.018	0.86
9/8/2008 22:00	1.017	0.88
9/8/2008 22:05	1.017	0.92
9/8/2008 22:10	1.015	0.83
9/8/2008 22:15	1.015	0.85
9/8/2008 22:20	1.014	0.89
9/8/2008 22:25	1.015	0.85
9/8/2008 22:30	1.016	0.83
9/8/2008 22:35	1.016	0.9
9/8/2008 22:40	1.015	0.89
9/8/2008 22:45	1.014	0.89
9/8/2008 22:50	1.015	0.81
9/8/2008 22:55	1.008	0.86
9/8/2008 23:00	1.002	0.89
9/8/2008 23:05	0.997	0.82
9/8/2008 23:10	0.97	0.84
9/8/2008 23:15	0.964	0.85
9/8/2008 23:20	0.939	0.79
9/8/2008 23:25	0.923	0.82
9/8/2008 23:30	0.915	0.75
9/8/2008 23:35	0.905	0.77
9/8/2008 23:40	0.901	0.76
9/8/2008 23:45	0.886	0.76
9/8/2008 23:50	0.88	0.77
9/8/2008 23:55	0.865	0.71
9/9/2008 0:00	0.86	0.84

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/9/2008 0:05	0.843	0.68
9/9/2008 0:10	0.819	0.67
9/9/2008 0:15	0.811	0.67
9/9/2008 0:20	0.799	0.65
9/9/2008 0:25	0.8	0.63
9/9/2008 0:30	0.804	0.63
9/9/2008 0:35	0.788	0.64
9/9/2008 0:40	0.757	0.65
9/9/2008 0:45	0.744	0.57
9/9/2008 0:50	0.737	0.63
9/9/2008 0:55	0.73	0.62
9/9/2008 1:00	0.719	0.62
9/9/2008 1:05	0.717	0.64
9/9/2008 1:10	0.713	0.64
9/9/2008 1:15	0.712	0.64
9/9/2008 1:20	0.709	0.39
9/9/2008 1:25	0.708	0.48
9/9/2008 1:30	0.709	0.68
9/9/2008 1:35	0.707	0.68
9/9/2008 1:40	0.703	0.68
9/9/2008 1:45	0.685	0.61
9/9/2008 1:50	0.683	0.65
9/9/2008 1:55	0.681	0.65
9/9/2008 2:00	0.683	0.65
9/9/2008 2:05	0.68	0.67
9/9/2008 2:10	0.68	0.62
9/9/2008 2:15	0.685	0.62
9/9/2008 2:20	0.685	0.64
9/9/2008 2:25	0.685	0.63
9/9/2008 2:30	0.682	0.63
9/9/2008 2:35	0.675	0.46
9/9/2008 2:40	0.679	0.75
9/9/2008 2:45	0.681	0.66
9/9/2008 2:50	0.683	0.61
9/9/2008 2:55	0.682	0.67
9/9/2008 3:00	0.683	0.58
9/9/2008 3:05	0.676	0.65
9/9/2008 3:10	0.682	0.65
9/9/2008 3:15	0.681	0.65
9/9/2008 3:20	0.678	0.65
9/9/2008 3:25	0.684	0.65
9/9/2008 3:30	0.683	0.75
9/9/2008 3:35	0.683	0.88
9/9/2008 3:40	0.68	0.62

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/9/2008 3:45	0.671	0.65
9/9/2008 3:50	0.677	0.69
9/9/2008 3:55	0.684	0.75
9/9/2008 4:00	0.677	0.64
9/9/2008 4:05	0.683	0.64
9/9/2008 4:10	0.674	0.69
9/9/2008 4:15	0.675	0.69
9/9/2008 4:20	0.67	0.69
9/9/2008 4:25	0.659	0.6
9/9/2008 4:30	0.657	0.4
9/9/2008 4:35	0.663	0.4
9/9/2008 4:40	0.661	0.42
9/9/2008 4:45	0.669	0.42
9/9/2008 4:50	0.666	0.46
9/9/2008 4:55	0.673	0.46
9/9/2008 5:00	0.67	0.46
9/9/2008 5:05	0.669	0.46
9/9/2008 5:10	0.672	0.46
9/9/2008 5:15	0.67	0.18
9/9/2008 5:20	0.678	0.18
9/9/2008 5:25	0.678	0.18
9/9/2008 5:30	0.68	0.18
9/9/2008 5:35	0.677	0.18
9/9/2008 5:40	0.679	0.18
9/9/2008 5:45	0.682	0.18
9/9/2008 5:50	0.679	0.18
9/9/2008 5:55	0.686	0.18
9/9/2008 6:00	0.686	0.62
9/9/2008 6:05	0.679	0.62
9/9/2008 6:10	0.675	0.62
9/9/2008 6:15	0.666	0.55
9/9/2008 6:20	0.662	0.55
9/9/2008 6:25	0.656	0.39
9/9/2008 6:30	0.655	0.53
9/9/2008 6:35	0.649	0.53
9/9/2008 6:40	0.651	0.53
9/9/2008 6:45	0.654	0.53
9/9/2008 6:50	0.655	0.19
9/9/2008 6:55	0.659	0.19
9/9/2008 7:00	0.659	0.19
9/9/2008 7:05	0.66	0.19
9/9/2008 7:10	0.663	0.19
9/9/2008 7:15	0.664	0.19
9/9/2008 7:20	0.665	0.19

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/9/2008 7:25	0.666	0.19
9/9/2008 7:30	0.671	0.19
9/9/2008 7:35	0.672	0.32
9/9/2008 7:40	0.677	0.32
9/9/2008 7:45	0.676	0.32
9/9/2008 7:50	0.68	0.32
9/9/2008 7:55	0.681	0.32
9/9/2008 8:00	0.683	0.32
9/9/2008 8:05	0.686	0.36
9/9/2008 8:10	0.689	0.36
9/9/2008 8:15	0.69	0.36
9/9/2008 8:20	0.702	0.67
9/9/2008 8:25	0.737	0.78
9/9/2008 8:30	0.901	0.78
9/9/2008 8:35	0.921	0.86
9/9/2008 8:40	1.099	0.86
9/9/2008 8:45	1.119	1.11
9/9/2008 8:50	1.129	1.03
9/9/2008 8:55	1.134	0.96
9/9/2008 9:00	1.136	1.03
9/9/2008 9:05	1.136	0.98
9/9/2008 9:10	1.137	0.93
9/9/2008 9:15	1.135	0.95
9/9/2008 9:20	1.134	1
9/9/2008 9:25	1.136	0.97
9/9/2008 9:30	1.134	1.08
9/9/2008 9:35	1.142	0.96
9/9/2008 9:40	1.192	1.15
9/9/2008 9:45	1.332	1.05
9/9/2008 9:50	1.487	1.05
9/9/2008 9:55	1.697	0.66
9/9/2008 10:00	1.757	0.66
9/9/2008 10:05	1.812	0.66
9/9/2008 10:10	1.876	0.66
9/9/2008 10:15	1.904	0.66
9/9/2008 10:20	1.909	0.64
9/9/2008 10:25	1.901	0.61
9/9/2008 10:30	1.89	0.56
9/9/2008 10:35	1.872	0.67
9/9/2008 10:40	1.846	0.66
9/9/2008 10:45	1.822	0.69
9/9/2008 10:50	1.8	0.72
9/9/2008 10:55	1.777	0.76
9/9/2008 11:00	1.753	0.73

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/9/2008 11:05	1.724	0.73
9/9/2008 11:10	1.689	0.79
9/9/2008 11:15	1.661	0.79
9/9/2008 11:20	1.648	0.89
9/9/2008 11:25	1.651	0.83
9/9/2008 11:30	1.669	0.85
9/9/2008 11:35	1.689	0.77
9/9/2008 11:40	1.712	0.78
9/9/2008 11:45	1.726	0.81
9/9/2008 11:50	1.727	0.83
9/9/2008 11:55	1.717	0.82
9/9/2008 12:00	1.698	0.95
9/9/2008 12:05	1.671	0.9
9/9/2008 12:10	1.64	0.86
9/9/2008 12:15	1.609	0.95
9/9/2008 12:20	1.581	0.99
9/9/2008 12:25	1.551	1.01
9/9/2008 12:30	1.529	0.96
9/9/2008 12:35	1.508	0.9
9/9/2008 12:40	1.493	0.94
9/9/2008 12:45	1.478	1.05
9/9/2008 12:50	1.468	1.06
9/9/2008 12:55	1.461	1.1
9/9/2008 13:00	1.451	1.04
9/9/2008 13:05	1.443	1.08
9/9/2008 13:10	1.438	1.11
9/9/2008 13:15	1.429	1.15
9/9/2008 13:20	1.426	1.12
9/9/2008 13:25	1.422	1.22
9/9/2008 13:30	1.421	1.25
9/9/2008 13:35	1.416	1.31
9/9/2008 13:40	1.415	1.28
9/9/2008 13:45	1.411	1.26
9/9/2008 13:50	1.409	1.19
9/9/2008 13:55	1.407	1.33
9/9/2008 14:00	1.4	1.31
9/9/2008 14:05	1.401	1.17
9/9/2008 14:10	1.397	1.17
9/9/2008 14:15	1.398	1.16
9/9/2008 14:20	1.396	1.22
9/9/2008 14:25	1.394	1.14
9/9/2008 14:30	1.39	1.22
9/9/2008 14:35	1.39	1.21
9/9/2008 14:40	1.378	1.25

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/9/2008 14:45	1.384	1.15
9/9/2008 14:50	1.384	1.2
9/9/2008 14:55	1.383	1.26
9/9/2008 15:00	1.382	1.33
9/9/2008 15:05	1.382	1.3
9/9/2008 15:10	1.38	1.2
9/9/2008 15:15	1.377	1.24
9/9/2008 15:20	1.373	1.27
9/9/2008 15:25	1.372	1.2
9/9/2008 15:30	1.372	1.24
9/9/2008 15:35	1.368	1.25
9/9/2008 15:40	1.364	1.12
9/9/2008 15:45	1.368	1.13
9/9/2008 15:50	1.367	1.2
9/9/2008 15:55	1.364	1.28
9/9/2008 16:00	1.363	1.09
9/9/2008 16:05	1.362	1.23
9/9/2008 16:10	1.359	1.29
9/9/2008 16:15	1.358	1.14
9/9/2008 16:20	1.355	1.11
9/9/2008 16:25	1.357	1.19
9/9/2008 16:30	1.358	1.17
9/9/2008 16:35	1.357	1.22
9/9/2008 16:40	1.355	1.19
9/9/2008 16:45	1.354	1.24
9/9/2008 16:50	1.356	1.19
9/9/2008 16:55	1.353	1.19
9/9/2008 17:00	1.352	1.23
9/9/2008 17:05	1.35	1.33
9/9/2008 17:10	1.35	1.26
9/9/2008 17:15	1.345	1.17
9/9/2008 17:20	1.344	1.17
9/9/2008 17:25	1.342	1.3
9/9/2008 17:30	1.341	1.2
9/9/2008 17:35	1.339	1.35
9/9/2008 17:40	1.337	1.18
9/9/2008 17:45	1.336	1.13
9/9/2008 17:50	1.335	1.2
9/9/2008 17:55	1.334	1.31
9/9/2008 18:00	1.332	1.21
9/9/2008 18:05	1.331	1.21
9/9/2008 18:10	1.33	1.2
9/9/2008 18:15	1.327	1.22
9/9/2008 18:20	1.325	1.16

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/9/2008 18:25	1.325	1.18
9/9/2008 18:30	1.324	1.08
9/9/2008 18:35	1.321	1.16
9/9/2008 18:40	1.316	1.21
9/9/2008 18:45	1.315	1.14
9/9/2008 18:50	1.312	1.18
9/9/2008 18:55	1.31	1.2
9/9/2008 19:00	1.31	1.04
9/9/2008 19:05	1.308	1.19
9/9/2008 19:10	1.308	1.12
9/9/2008 19:15	1.31	1.08
9/9/2008 19:20	1.306	1.23
9/9/2008 19:25	1.304	1.26
9/9/2008 19:30	1.306	1.26
9/9/2008 19:35	1.301	1.17
9/9/2008 19:40	1.304	1.16
9/9/2008 19:45	1.302	1.19
9/9/2008 19:50	1.286	1.07
9/9/2008 19:55	1.251	1.12
9/9/2008 20:00	1.237	1.22
9/9/2008 20:05	1.231	1.05
9/9/2008 20:10	1.228	1.08
9/9/2008 20:15	1.224	1.11
9/9/2008 20:20	1.222	1.12
9/9/2008 20:25	1.22	1.08
9/9/2008 20:30	1.221	1.03
9/9/2008 20:35	1.218	0.91
9/9/2008 20:40	1.218	1.08
9/9/2008 20:45	1.218	0.94
9/9/2008 20:50	1.216	1.05
9/9/2008 20:55	1.218	1.07
9/9/2008 21:00	1.217	1.09
9/9/2008 21:05	1.216	1.05
9/9/2008 21:10	1.214	1.06
9/9/2008 21:15	1.214	1.13
9/9/2008 21:20	1.213	1.18
9/9/2008 21:25	1.213	0.97
9/9/2008 21:30	1.214	0.97
9/9/2008 21:35	1.215	0.99
9/9/2008 21:40	1.212	0.97
9/9/2008 21:45	1.213	0.93
9/9/2008 21:50	1.214	0.95
9/9/2008 21:55	1.215	0.88
9/9/2008 22:00	1.215	0.95

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/9/2008 22:05	1.215	0.91
9/9/2008 22:10	1.216	0.96
9/9/2008 22:15	1.216	1.04
9/9/2008 22:20	1.214	1.01
9/9/2008 22:25	1.214	0.99
9/9/2008 22:30	1.211	0.88
9/9/2008 22:35	1.208	0.96
9/9/2008 22:40	1.205	0.98
9/9/2008 22:45	1.205	1.04
9/9/2008 22:50	1.204	0.97
9/9/2008 22:55	1.204	0.96
9/9/2008 23:00	1.203	0.98
9/9/2008 23:05	1.199	0.96
9/9/2008 23:10	1.192	1.09
9/9/2008 23:15	1.184	0.97
9/9/2008 23:20	1.181	0.9
9/9/2008 23:25	1.178	1.01
9/9/2008 23:30	1.17	0.96
9/9/2008 23:35	1.167	0.99
9/9/2008 23:40	1.165	0.93
9/9/2008 23:45	1.161	0.91
9/9/2008 23:50	1.158	0.9
9/9/2008 23:55	1.153	0.93
9/10/2008 0:00	1.152	0.88
9/10/2008 0:05	1.148	0.98
9/10/2008 0:10	1.148	0.99
9/10/2008 0:15	1.148	1
9/10/2008 0:20	1.148	0.93
9/10/2008 0:25	1.145	0.94
9/10/2008 0:30	1.146	0.91
9/10/2008 0:35	1.148	0.95
9/10/2008 0:40	1.149	0.9
9/10/2008 0:45	1.15	0.87
9/10/2008 0:50	1.149	0.95
9/10/2008 0:55	1.151	0.96
9/10/2008 1:00	1.152	0.86
9/10/2008 1:05	1.155	0.94
9/10/2008 1:10	1.153	0.89
9/10/2008 1:15	1.156	0.94
9/10/2008 1:20	1.156	0.9
9/10/2008 1:25	1.156	1.01
9/10/2008 1:30	1.157	0.96
9/10/2008 1:35	1.156	0.98
9/10/2008 1:40	1.158	1

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/10/2008 1:45	1.156	0.91
9/10/2008 1:50	1.157	0.95
9/10/2008 1:55	1.157	0.89
9/10/2008 2:00	1.155	0.95
9/10/2008 2:05	1.156	0.96
9/10/2008 2:10	1.159	0.91
9/10/2008 2:15	1.162	0.96
9/10/2008 2:20	1.16	0.94
9/10/2008 2:25	1.158	0.98
9/10/2008 2:30	1.161	0.93
9/10/2008 2:35	1.158	0.96
9/10/2008 2:40	1.147	1
9/10/2008 2:45	1.142	0.88
9/10/2008 2:50	1.135	0.88
9/10/2008 2:55	1.133	0.94
9/10/2008 3:00	1.118	0.93
9/10/2008 3:05	1.115	0.89
9/10/2008 3:10	1.11	0.93
9/10/2008 3:15	1.111	0.86
9/10/2008 3:20	1.107	0.9
9/10/2008 3:25	1.108	0.92
9/10/2008 3:30	1.108	0.89
9/10/2008 3:35	1.108	0.91
9/10/2008 3:40	1.109	0.97
9/10/2008 3:45	1.109	0.92
9/10/2008 3:50	1.11	0.94
9/10/2008 3:55	1.109	0.94
9/10/2008 4:00	1.11	0.84
9/10/2008 4:05	1.11	0.98
9/10/2008 4:10	1.11	0.94
9/10/2008 4:15	1.113	0.93
9/10/2008 4:20	1.114	0.89
9/10/2008 4:25	1.113	0.88
9/10/2008 4:30	1.115	0.9
9/10/2008 4:35	1.115	0.89
9/10/2008 4:40	1.115	0.9
9/10/2008 4:45	1.116	0.91
9/10/2008 4:50	1.116	0.94
9/10/2008 4:55	1.114	0.91
9/10/2008 5:00	1.11	0.94
9/10/2008 5:05	1.108	0.88
9/10/2008 5:10	1.106	0.94
9/10/2008 5:15	1.098	0.87
9/10/2008 5:20	1.094	0.87

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/10/2008 5:25	1.092	0.86
9/10/2008 5:30	1.091	0.87
9/10/2008 5:35	1.085	0.85
9/10/2008 5:40	1.081	0.89
9/10/2008 5:45	1.081	0.92
9/10/2008 5:50	1.082	0.89
9/10/2008 5:55	1.084	0.9
9/10/2008 6:00	1.084	0.88
9/10/2008 6:05	1.085	0.91
9/10/2008 6:10	1.085	0.94
9/10/2008 6:15	1.084	0.86
9/10/2008 6:20	1.078	0.83
9/10/2008 6:25	1.075	0.87
9/10/2008 6:30	1.071	0.84
9/10/2008 6:35	1.067	0.83
9/10/2008 6:40	1.062	0.83
9/10/2008 6:45	1.06	0.89
9/10/2008 6:50	1.056	0.83
9/10/2008 6:55	1.051	0.87
9/10/2008 7:00	1.048	0.83
9/10/2008 7:05	1.049	0.84
9/10/2008 7:10	1.049	0.85
9/10/2008 7:15	1.051	0.81
9/10/2008 7:20	1.052	0.85
9/10/2008 7:25	1.054	0.9
9/10/2008 7:30	1.054	0.87
9/10/2008 7:35	1.054	0.86
9/10/2008 7:40	1.056	0.84
9/10/2008 7:45	1.058	0.94
9/10/2008 7:50	1.059	0.85
9/10/2008 7:55	1.06	0.92
9/10/2008 8:00	1.06	0.88
9/10/2008 8:05	1.06	0.83
9/10/2008 8:10	1.063	0.86
9/10/2008 8:15	1.063	0.87
9/10/2008 8:20	1.065	0.87
9/10/2008 8:25	1.066	0.87
9/10/2008 8:30	1.067	0.88
9/10/2008 8:35	1.067	0.9
9/10/2008 8:40	1.147	1.01
9/10/2008 8:45	1.237	1.05
9/10/2008 8:50	1.277	1.11
9/10/2008 8:55	1.415	1.25
9/10/2008 9:00	1.451	1.28

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/10/2008 9:05	1.468	1.24
9/10/2008 9:10	1.477	1.23
9/10/2008 9:15	1.483	1.25
9/10/2008 9:20	1.487	1.09
9/10/2008 9:25	1.488	1.13
9/10/2008 9:30	1.487	1.05
9/10/2008 9:35	1.481	1.12
9/10/2008 9:40	1.48	1.09
9/10/2008 9:45	1.476	1.23
9/10/2008 9:50	1.472	1.12
9/10/2008 9:55	1.465	1.08
9/10/2008 10:00	1.462	1.01
9/10/2008 10:05	1.459	1.06
9/10/2008 10:10	1.456	1.19
9/10/2008 10:15	1.452	1.05
9/10/2008 10:20	1.447	0.98
9/10/2008 10:25	1.443	1.11
9/10/2008 10:30	1.439	1
9/10/2008 10:35	1.433	1.03
9/10/2008 10:40	1.43	0.98
9/10/2008 10:45	1.426	1.06
9/10/2008 10:50	1.42	1
9/10/2008 10:55	1.417	0.92
9/10/2008 11:00	1.416	1.06
9/10/2008 11:05	1.409	1.02
9/10/2008 11:10	1.408	0.78
9/10/2008 11:15	1.402	1.02
9/10/2008 11:20	1.399	0.98
9/10/2008 11:25	1.396	0.95
9/10/2008 11:30	1.392	1.14
9/10/2008 11:35	1.388	1.29
9/10/2008 11:40	1.387	0.92
9/10/2008 11:45	1.38	0.92
9/10/2008 11:50	1.375	0.94
9/10/2008 11:55	1.372	1.03
9/10/2008 12:00	1.368	1.05
9/10/2008 12:05	1.365	0.97
9/10/2008 12:10	1.362	1.02
9/10/2008 12:15	1.358	1.26
9/10/2008 12:20	1.356	0.88
9/10/2008 12:25	1.352	0.96
9/10/2008 12:30	1.348	1.03
9/10/2008 12:35	1.343	1.09
9/10/2008 12:40	1.34	1.03

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/10/2008 12:45	1.338	1.01
9/10/2008 12:50	1.331	0.98
9/10/2008 12:55	1.33	0.97
9/10/2008 13:00	1.325	1.05
9/10/2008 13:05	1.323	1.08
9/10/2008 13:10	1.32	1.02
9/10/2008 13:15	1.318	0.89
9/10/2008 13:20	1.317	0.96
9/10/2008 13:25	1.31	0.92
9/10/2008 13:30	1.305	0.99
9/10/2008 13:35	1.303	0.91
9/10/2008 13:40	1.301	1.02
9/10/2008 13:45	1.298	1.01
9/10/2008 13:50	1.292	0.94
9/10/2008 13:55	1.289	0.83
9/10/2008 14:00	1.285	1
9/10/2008 14:05	1.283	1.02
9/10/2008 14:10	1.28	0.94
9/10/2008 14:15	1.279	0.84
9/10/2008 14:20	1.274	1
9/10/2008 14:25	1.273	0.98
9/10/2008 14:30	1.269	1
9/10/2008 14:35	1.268	0.91
9/10/2008 14:40	1.262	1.01
9/10/2008 14:45	1.263	0.97
9/10/2008 14:50	1.257	1.08
9/10/2008 14:55	1.256	0.99
9/10/2008 15:00	1.253	1.03
9/10/2008 15:05	1.251	1.08
9/10/2008 15:10	1.247	1.09
9/10/2008 15:15	1.244	0.99
9/10/2008 15:20	1.241	0.97
9/10/2008 15:25	1.24	1.06
9/10/2008 15:30	1.237	1
9/10/2008 15:35	1.236	1.12
9/10/2008 15:40	1.233	1.07
9/10/2008 15:45	1.232	1.13
9/10/2008 15:50	1.229	1.05
9/10/2008 15:55	1.228	0.96
9/10/2008 16:00	1.225	1.02
9/10/2008 16:05	1.222	0.94
9/10/2008 16:10	1.22	1.02
9/10/2008 16:15	1.217	0.96
9/10/2008 16:20	1.216	1.02

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/10/2008 16:25	1.214	1
9/10/2008 16:30	1.211	0.94
9/10/2008 16:35	1.209	0.96
9/10/2008 16:40	1.207	0.93
9/10/2008 16:45	1.205	0.99
9/10/2008 16:50	1.202	1.03
9/10/2008 16:55	1.201	1
9/10/2008 17:00	1.198	1.04
9/10/2008 17:05	1.196	0.96
9/10/2008 17:10	1.193	0.89
9/10/2008 17:15	1.193	1
9/10/2008 17:20	1.19	1.03
9/10/2008 17:25	1.187	0.92
9/10/2008 17:30	1.186	0.97
9/10/2008 17:35	1.182	0.96
9/10/2008 17:40	1.183	0.96
9/10/2008 17:45	1.179	0.9
9/10/2008 17:50	1.179	0.9
9/10/2008 17:55	1.177	0.99
9/10/2008 18:00	1.176	1.01
9/10/2008 18:05	1.175	0.92
9/10/2008 18:10	1.173	1.01
9/10/2008 18:15	1.171	0.95
9/10/2008 18:20	1.169	0.9
9/10/2008 18:25	1.166	1.05
9/10/2008 18:30	1.166	0.99
9/10/2008 18:35	1.165	0.95
9/10/2008 18:40	1.164	0.96
9/10/2008 18:45	1.163	0.97
9/10/2008 18:50	1.16	0.93
9/10/2008 18:55	1.159	0.96
9/10/2008 19:00	1.157	0.98
9/10/2008 19:05	1.156	0.92
9/10/2008 19:10	1.154	1.03
9/10/2008 19:15	1.155	1
9/10/2008 19:20	1.151	1.05
9/10/2008 19:25	1.15	0.92
9/10/2008 19:30	1.149	0.98
9/10/2008 19:35	1.147	0.98
9/10/2008 19:40	1.126	0.93
9/10/2008 19:45	1.104	0.96
9/10/2008 19:50	1.078	0.82
9/10/2008 19:55	1.059	0.82
9/10/2008 20:00	1.054	0.83

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/10/2008 20:05	1.05	0.83
9/10/2008 20:10	1.046	0.81
9/10/2008 20:15	1.008	0.74
9/10/2008 20:20	0.989	0.7
9/10/2008 20:25	0.98	0.7
9/10/2008 20:30	0.97	0.69
9/10/2008 20:35	0.957	0.68
9/10/2008 20:40	0.958	0.67
9/10/2008 20:45	0.957	0.71
9/10/2008 20:50	0.952	0.75
9/10/2008 20:55	0.951	0.72
9/10/2008 21:00	0.95	0.71
9/10/2008 21:05	0.951	0.75
9/10/2008 21:10	0.951	0.71
9/10/2008 21:15	0.952	0.72
9/10/2008 21:20	0.952	0.67
9/10/2008 21:25	0.952	0.69
9/10/2008 21:30	0.953	0.66
9/10/2008 21:35	0.952	0.71
9/10/2008 21:40	0.955	0.71
9/10/2008 21:45	0.955	0.75
9/10/2008 21:50	0.956	0.71
9/10/2008 21:55	0.958	0.74
9/10/2008 22:00	0.95	0.7
9/10/2008 22:05	0.945	0.69
9/10/2008 22:10	0.942	0.68
9/10/2008 22:15	0.946	0.73
9/10/2008 22:20	0.946	0.69
9/10/2008 22:25	0.947	0.68
9/10/2008 22:30	0.949	0.72
9/10/2008 22:35	0.948	0.72
9/10/2008 22:40	0.949	0.78
9/10/2008 22:45	0.951	0.72
9/10/2008 22:50	0.952	0.7
9/10/2008 22:55	0.952	0.72
9/10/2008 23:00	0.951	0.7
9/10/2008 23:05	0.952	0.7
9/10/2008 23:10	0.95	0.72
9/10/2008 23:15	0.951	0.7
9/10/2008 23:20	0.956	0.68
9/10/2008 23:25	0.948	0.68
9/10/2008 23:30	0.947	0.68
9/10/2008 23:35	0.949	0.67
9/10/2008 23:40	0.948	0.71

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/10/2008 23:45	0.949	0.69
9/10/2008 23:50	0.945	0.69
9/10/2008 23:55	0.946	0.7
9/11/2008 0:00	0.945	0.67
9/11/2008 0:05	0.945	0.68
9/11/2008 0:10	0.944	0.71
9/11/2008 0:15	0.945	0.71
9/11/2008 0:20	0.944	0.7
9/11/2008 0:25	0.944	0.69
9/11/2008 0:30	0.945	0.72
9/11/2008 0:35	0.946	0.7
9/11/2008 0:40	0.946	0.69
9/11/2008 0:45	0.948	0.72
9/11/2008 0:50	0.944	0.7
9/11/2008 0:55	0.945	0.73
9/11/2008 1:00	0.941	0.7
9/11/2008 1:05	0.937	0.73
9/11/2008 1:10	0.933	0.68
9/11/2008 1:15	0.93	0.71
9/11/2008 1:20	0.93	0.68
9/11/2008 1:25	0.928	0.69
9/11/2008 1:30	0.927	0.71
9/11/2008 1:35	0.927	0.68
9/11/2008 1:40	0.922	0.76
9/11/2008 1:45	0.923	0.76
9/11/2008 1:50	0.924	0.72
9/11/2008 1:55	0.923	0.75
9/11/2008 2:00	0.924	0.73
9/11/2008 2:05	0.928	0.71
9/11/2008 2:10	0.926	0.72
9/11/2008 2:15	0.925	0.68
9/11/2008 2:20	0.924	0.8
9/11/2008 2:25	0.924	0.76
9/11/2008 2:30	0.924	0.72
9/11/2008 2:35	0.924	0.7
9/11/2008 2:40	0.924	0.7
9/11/2008 2:45	0.922	0.8
9/11/2008 2:50	0.922	0.7
9/11/2008 2:55	0.923	0.7
9/11/2008 3:00	0.921	0.69
9/11/2008 3:05	0.916	0.76
9/11/2008 3:10	0.919	0.74
9/11/2008 3:15	0.92	0.72
9/11/2008 3:20	0.921	0.73

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/11/2008 3:25	0.921	0.7
9/11/2008 3:30	0.922	0.7
9/11/2008 3:35	0.924	0.7
9/11/2008 3:40	0.923	0.71
9/11/2008 3:45	0.924	0.67
9/11/2008 3:50	0.923	0.73
9/11/2008 3:55	0.925	0.71
9/11/2008 4:00	0.925	0.72
9/11/2008 4:05	0.925	0.74
9/11/2008 4:10	0.925	0.73
9/11/2008 4:15	0.921	0.7
9/11/2008 4:20	0.916	0.65
9/11/2008 4:25	0.914	0.7
9/11/2008 4:30	0.912	0.69
9/11/2008 4:35	0.911	0.64
9/11/2008 4:40	0.912	0.68
9/11/2008 4:45	0.914	0.73
9/11/2008 4:50	0.913	0.66
9/11/2008 4:55	0.91	0.71
9/11/2008 5:00	0.911	0.7
9/11/2008 5:05	0.908	0.73
9/11/2008 5:10	0.907	0.66
9/11/2008 5:15	0.904	0.69
9/11/2008 5:20	0.904	0.67
9/11/2008 5:25	0.903	0.66
9/11/2008 5:30	0.902	0.68
9/11/2008 5:35	0.901	0.69
9/11/2008 5:40	0.901	0.73
9/11/2008 5:45	0.903	0.7
9/11/2008 5:50	0.902	0.65
9/11/2008 5:55	0.902	0.69
9/11/2008 6:00	0.902	0.73
9/11/2008 6:05	0.902	0.7
9/11/2008 6:10	0.902	0.7
9/11/2008 6:15	0.901	0.68
9/11/2008 6:20	0.898	0.67
9/11/2008 6:25	0.897	0.7
9/11/2008 6:30	0.897	0.69
9/11/2008 6:35	0.895	0.68
9/11/2008 6:40	0.894	0.65
9/11/2008 6:45	0.894	0.72
9/11/2008 6:50	0.894	0.78
9/11/2008 6:55	0.893	0.69
9/11/2008 7:00	0.894	0.7

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/11/2008 7:05	0.895	0.73
9/11/2008 7:10	0.896	0.7
9/11/2008 7:15	0.895	0.66
9/11/2008 7:20	0.896	0.68
9/11/2008 7:25	0.896	0.7
9/11/2008 7:30	0.896	0.68
9/11/2008 7:35	0.897	0.71
9/11/2008 7:40	0.896	0.66
9/11/2008 7:45	0.897	0.68
9/11/2008 7:50	0.896	0.67
9/11/2008 7:55	0.896	0.67
9/11/2008 8:00	0.896	0.7
9/11/2008 8:05	0.896	0.69
9/11/2008 8:10	0.896	0.71
9/11/2008 8:15	0.896	0.73
9/11/2008 8:20	0.895	0.68
9/11/2008 8:25	0.896	0.7
9/11/2008 8:30	0.895	0.72
9/11/2008 8:35	0.896	0.67
9/11/2008 8:40	0.896	0.7
9/11/2008 8:45	0.896	0.7
9/11/2008 8:50	0.895	0.67
9/11/2008 8:55	0.896	0.66
9/11/2008 9:00	0.896	0.65
9/11/2008 9:05	0.896	0.71
9/11/2008 9:10	0.895	0.67
9/11/2008 9:15	0.896	0.65
9/11/2008 9:20	0.896	0.67
9/11/2008 9:25	0.895	0.71
9/11/2008 9:30	0.896	0.65
9/11/2008 9:35	0.894	0.69
9/11/2008 9:40	0.894	0.68
9/11/2008 9:45	0.895	0.66
9/11/2008 9:50	0.894	0.69
9/11/2008 9:55	0.893	0.65
9/11/2008 10:00	0.893	0.67
9/11/2008 10:05	0.891	0.72
9/11/2008 10:10	0.891	0.69
9/11/2008 10:15	0.891	0.7
9/11/2008 10:20	0.889	0.67
9/11/2008 10:25	0.89	0.64
9/11/2008 10:30	0.889	0.68
9/11/2008 10:35	0.887	0.66
9/11/2008 10:40	0.888	0.68

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/11/2008 10:45	0.888	0.63
9/11/2008 10:50	0.887	0.66
9/11/2008 10:55	0.887	0.66
9/11/2008 11:00	0.887	0.65
9/11/2008 11:05	0.883	0.65
9/11/2008 11:10	0.885	0.68
9/11/2008 11:15	0.884	0.66
9/11/2008 11:20	0.885	0.66
9/11/2008 11:25	0.885	0.69
9/11/2008 11:30	0.884	0.66
9/11/2008 11:35	0.884	0.67
9/11/2008 11:40	0.883	0.66
9/11/2008 11:45	0.884	0.59
9/11/2008 11:50	0.883	0.72
9/11/2008 11:55	0.884	0.66
9/11/2008 12:00	0.882	0.65
9/11/2008 12:05	0.882	0.68
9/11/2008 12:10	0.883	0.68
9/11/2008 12:15	0.882	0.66
9/11/2008 12:20	0.882	0.64
9/11/2008 12:25	0.88	0.65
9/11/2008 12:30	0.88	0.65
9/11/2008 12:35	0.879	0.64
9/11/2008 12:40	0.878	0.63
9/11/2008 12:45	0.877	0.65
9/11/2008 12:50	0.877	0.68
9/11/2008 12:55	0.876	0.66
9/11/2008 13:00	0.875	0.62
9/11/2008 13:05	0.875	0.65
9/11/2008 13:10	0.877	0.67
9/11/2008 13:15	0.876	0.65
9/11/2008 13:20	0.874	0.64
9/11/2008 13:25	0.873	0.65
9/11/2008 13:30	0.872	0.65
9/11/2008 13:35	0.872	0.62
9/11/2008 13:40	0.872	0.66
9/11/2008 13:45	0.871	0.65
9/11/2008 13:50	0.87	0.66
9/11/2008 13:55	0.868	0.62
9/11/2008 14:00	0.869	0.66
9/11/2008 14:05	0.866	0.62
9/11/2008 14:10	0.866	0.66
9/11/2008 14:15	0.866	0.69
9/11/2008 14:20	0.864	0.66

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/11/2008 14:25	0.865	0.67
9/11/2008 14:30	0.865	0.97
9/11/2008 14:35	0.865	0.67
9/11/2008 14:40	0.865	0.71
9/11/2008 14:45	0.864	0.7
9/11/2008 14:50	0.863	0.64
9/11/2008 14:55	0.863	0.69
9/11/2008 15:00	0.862	0.67
9/11/2008 15:05	0.861	0.65
9/11/2008 15:10	0.861	0.7
9/11/2008 15:15	0.859	0.68
9/11/2008 15:20	0.859	0.66
9/11/2008 15:25	0.859	0.65
9/11/2008 15:30	0.857	0.66
9/11/2008 15:35	0.858	0.67
9/11/2008 15:40	0.857	0.62
9/11/2008 15:45	0.857	0.68
9/11/2008 15:50	0.856	0.68
9/11/2008 15:55	0.855	0.66
9/11/2008 16:00	0.855	0.64
9/11/2008 16:05	0.854	0.69
9/11/2008 16:10	0.854	0.66
9/11/2008 16:15	0.852	0.67
9/11/2008 16:20	0.852	0.67
9/11/2008 16:25	0.852	0.64
9/11/2008 16:30	0.851	0.67
9/11/2008 16:35	0.849	0.66
9/11/2008 16:40	0.848	0.67
9/11/2008 16:45	0.848	0.65
9/11/2008 16:50	0.847	0.64
9/11/2008 16:55	0.845	0.66
9/11/2008 17:00	0.844	0.71
9/11/2008 17:05	0.845	0.67
9/11/2008 17:10	0.844	0.67
9/11/2008 17:15	0.845	0.66
9/11/2008 17:20	0.844	0.68
9/11/2008 17:25	0.843	0.68
9/11/2008 17:30	0.841	0.68
9/11/2008 17:35	0.84	0.71
9/11/2008 17:40	0.839	0.67
9/11/2008 17:45	0.839	0.63
9/11/2008 17:50	0.839	0.69
9/11/2008 17:55	0.838	0.64
9/11/2008 18:00	0.839	0.63

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name	Downstream-Channel	Downstream-Channel
Isco Quantity	Level	Velocity
Label	Level	Velocity
Units	ft	ft/s
Resolution	0.001	0.01
Significant Digits	5	4
9/11/2008 18:05	0.839	0.67
9/11/2008 18:10	0.839	0.64
9/11/2008 18:15	0.839	0.68
9/11/2008 18:20	0.838	0.69
9/11/2008 18:25	0.837	0.65
9/11/2008 18:30	0.835	0.67
9/11/2008 18:35	0.835	0.63
9/11/2008 18:40	0.805	0.57
9/11/2008 18:45	0.776	0.63
9/11/2008 18:50	0.773	0.62
9/11/2008 18:55	0.773	0.65
9/11/2008 19:00	0.772	0.62
9/11/2008 19:05	0.77	0.56
9/11/2008 19:10	0.76	0.65
9/11/2008 19:15	0.758	0.57
9/11/2008 19:20	0.758	0.6
9/11/2008 19:25	0.754	0.6
9/11/2008 19:30	0.751	0.62
9/11/2008 19:35	0.75	0.57
9/11/2008 19:40	0.751	0.64
9/11/2008 19:45	0.75	0.56
9/11/2008 19:50	0.752	0.56
9/11/2008 19:55	0.753	0.59
9/11/2008 20:00	0.753	0.63
9/11/2008 20:05	0.753	0.55
9/11/2008 20:10	0.752	0.57
9/11/2008 20:15	0.754	0.64
9/11/2008 20:20	0.754	0.66
9/11/2008 20:25	0.751	0.54
9/11/2008 20:30	0.753	0.56
9/11/2008 20:35	0.749	0.56
9/11/2008 20:40	0.746	0.59
9/11/2008 20:45	0.748	0.59
9/11/2008 20:50	0.749	0.55
9/11/2008 20:55	0.748	0.58
9/11/2008 21:00	0.75	0.8
9/11/2008 21:05	0.75	0.55
9/11/2008 21:10	0.748	0.57
9/11/2008 21:15	0.75	0.59
9/11/2008 21:20	0.751	0.57
9/11/2008 21:25	0.749	0.67
9/11/2008 21:30	0.753	0.63
9/11/2008 21:35	0.753	0.61
9/11/2008 21:40	0.755	0.68

UNKAMET BROOK FLOW MONITORING DATA - AUGUST 29, 2008 - SEPTEMBER 12, 2008

Site Name Isco Quantity Label Units Resolution Significant Digits	Downstream-Channel Level Level ft 0.001 5	Downstream-Channel Velocity Velocity ft/s 0.01 4
9/11/2008 21:45	0.754	0.62
9/11/2008 21:50	0.755	0.55
9/11/2008 21:55	0.756	0.55
9/11/2008 22:00	0.752	0.55
9/11/2008 22:05	0.748	0.64
9/11/2008 22:10	0.749	0.64
9/11/2008 22:15	0.744	0.64
9/11/2008 22:20	0.746	0.65
9/11/2008 22:25	0.749	0.65
9/11/2008 22:30	0.746	0.62
9/11/2008 22:35	0.75	0.6
9/11/2008 22:40	0.75	0.6
9/11/2008 22:45	0.748	0.56
9/11/2008 22:50	0.751	0.56
9/11/2008 22:55	0.748	0.61
9/11/2008 23:00	0.75	0.56
9/11/2008 23:05	0.752	0.58
9/11/2008 23:10	0.753	0.63
9/11/2008 23:15	0.755	0.63
9/11/2008 23:20	0.755	0.6
9/11/2008 23:25	0.755	0.66
9/11/2008 23:30	0.756	0.62
9/11/2008 23:35	0.757	0.56
9/11/2008 23:40	0.756	0.49
9/11/2008 23:45	0.757	0.59
9/11/2008 23:50	0.759	0.56
9/11/2008 23:55	0.76	0.57
9/12/2008 0:00	0.762	0.55

**ITEM 8
FORMER OXBOW AREAS A & C
(GEC410)
SEPTEMBER 2008**

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

Conducted Fall 2008 inspection of backfilled/restored areas and revegetated areas on September 19, 2008.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Conduct annual inspection of properties with Conditional Solutions.
- Submit report summarizing results of Fall 2008 inspection of backfilled/restored and revegetated areas.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

**ITEM 9
LYMAN STREET AREA
(GECD430)
SEPTEMBER 2008**

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

- Received Certification of Completion of Installation of Restoration Work from Natural Resource Trustees (September 2, 2008).
- Removed one bird box from Parcel I9-8-1 (September 30, 2008).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

- Submitted report on August 2008 inspection of engineered barrier, backfilled/restored areas, and revegetated areas (September 17, 2008).
- Provided EPA with a revised draft ERE for Parcel I9-8-1 and a separate draft ERE for City-owned portion of Lyman Street covered by engineered barrier (September 25, 2008).

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Conduct maintenance/repair activities identified in report on August 2008 inspection.
- Request subordination agreement from City of Pittsfield for ERE on Parcel I9-8-1.
- Continue discussions with EPA regarding draft Final Completion Report.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Revision of draft Final Completion Report is awaiting EPA review of draft ERE for Parcel I9-8-1 and separate ERE for City-owned portion of Lyman Street covered by engineered barrier and resolution of other issues relating to Final Completion Report.

f. Proposed/Approved Work Plan Modifications

Received approval from Natural Resource Trustees of GE's August 27, 2008 report on July 2008 inspection of natural resource restoration/enhancement measures (September 8, 2008).

**ITEM 10
NEWELL STREET AREA I
(GEC440)
SEPTEMBER 2008**

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted report on August 2008 inspection of engineered barriers, backfilled/restored areas, and certain paved areas (September 24, 2008).

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Conduct maintenance activities identified in above report.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

**ITEM 11
NEWELL STREET AREA II
(GEC450)
SEPTEMBER 2008**

* **All activities described below for this item were conducted pursuant to or in connection with the Consent Decree.**

a. Activities Undertaken/Completed

- Received a Certification of Completion of Installation of Restoration Work from Natural Resource Trustees (September 2, 2008).
- Discussed with EPA the re-location of the perimeter fencing along the southern and eastern boundaries of the wooded area on Parcel J9-23-12 so that it runs down the center of undeveloped Vermont and Ontario Streets adjacent to that parcel to reflect legal ownership.
- Discussed re-location of fencing with owners of Parcels J9-23-10 and J9-23-11.
- Discussed with EPA the need for revised evaluations of need for and scope of additional remediation at the wooded area on Parcel J9-23-12 and adjacent portions of undeveloped Vermont and Ontario Streets, based on legal ownership and re-location of the fencing.
- Conducted Fall 2008 inspection of engineered barriers and of restored areas (September 18, 2008).
- Received notice that Pittsfield City Council had approved execution of City subordination agreements for GE-owned properties.
- Discussed possible purchase of Parcel J9-23-2 with owner.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Submit revised evaluations of need for and scope of additional remediation at the wooded area on Parcel J9-23-12 and adjacent portions of undeveloped Vermont and Ontario Streets.
- Following EPA approval of above evaluations, conduct additional soil removal as needed.

**ITEM 11
(cont'd)
NEWELL STREET AREA II
(GEC450)
SEPTEMBER 2008**

d. Upcoming Scheduled and Anticipated Activities (next six weeks) (cont'd)

- Re-locate perimeter fencing along the southern and eastern boundaries of the wooded area on Parcel J9-23-12 so that it runs down the center of undeveloped Vermont and Ontario Streets.
- Revise EREs for GE-owned properties.
- If Parcel J9-23-2 is purchased by GE, draft ERE for that property.
- Continue work on revised draft Final Completion Report.
- Submit report summarizing the results of the Fall 2008 inspection of engineered barriers and of restored areas.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Revision of Final Completion Report is awaiting revised evaluations of need for and scope of additional remediation at the wooded area on Parcel J9-23-12 and adjacent portions of undeveloped Vermont and Ontario Streets and any resulting soil removal, as well as revision of EREs for GE-owned property and receipt of ERE for City-owned property.

f. Proposed/Approved Work Plan Modifications

Received approval from Natural Resource Trustees of GE's August 27, 2008 report on July 2008 inspection of natural resource restoration/enhancement measures (September 8, 2008).

**ITEM 12
FORMER OXBOW AREAS J & K
(GEC420)
SEPTEMBER 2008**

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted a letter to EPA summarizing the results of the August 2008 inspection of backfilled/restored areas and revegetated areas (September 16, 2008).

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Conduct maintenance/repair activities identified in above letter.
- Conduct annual inspection of properties with Conditional Solutions.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

**ITEM 13
HOUSATONIC RIVER AREA
UPPER ½ MILE REACH
(GEC800)
SEPTEMBER 2008**

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Submit trip report for 2008 annual inspection of restored bank vegetation and aquatic enhancement structures.
- Submit Completion of Installation of Restoration Work Report on natural resource restoration/enhancement measures to the Natural Resource Trustees.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE submitted a report evaluating the total organic carbon (TOC) content and effectiveness of the isolation layer on the river sediments on March 14, 2007. The Final Completion Report for the Upper ½-Mile Reach Removal Action will be submitted following EPA review and approval of that report.

f. Proposed/Approved Work Plan Modifications

None

**ITEM 14
HOUSATONIC RIVER AREA
1½ MILE REACH
(GEC820)
SEPTEMBER 2008**

(Note: This item is limited to activities conducted by GE and does not include work performed by EPA.)

a. Activities Undertaken/Completed

On GE's behalf, ARCADIS performed one round of water column monitoring at 10 locations along the Housatonic River between Coltsville, MA and Great Barrington, MA, on September 24, 2008. Two of these locations are situated in the 1½ Mile Reach: Lyman Street Bridge (Location 4) and Pomeroy Avenue Bridge (Location 6A). A composite grab sample was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), total suspended solids (TSS), POC, and chlorophyll-a, as identified in Table 14-1. The sample collected at Pomeroy Avenue Bridge was also analyzed for volatile suspended solids (VSS). (The other eight locations are discussed under Items 15 and 20 below.)

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue Housatonic River water column monitoring.
- Following EPA approval of corrective actions proposed in the Summer 2008 re-vegetation monitoring report and the annual inspection report on restored bank erosion, riprap, aquatic enhancement structures, and ancillary items, implement approved corrective actions and, within 30 days after completing such work, submit reports thereon.
- Complete ERE for Parcel I7-21-1 and send Conditional Solution notification letters to owners of other properties where the riverbank portions are located within the 1½ Mile Reach.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

**TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**HOUSATONIC RIVER - 1 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Monthly Water Column Sampling	Location-4	9/24/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-4	8/26/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/5/08
Monthly Water Column Sampling	Location-6A	9/24/08	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	8/26/08	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	9/5/08

**TABLE 14-2
SAMPLE DATA RECEIVED DURING SEPTEMBER 2008**

**MONTHLY WATER COLUMN SAMPLING
HOUSATONIC RIVER - 1 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)	VSS
LOCATION-4	Lyman Street Bridge	08/26/08	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.19	2.20	0.0023	NA
LOCATION-6A	Pomeroy Ave. Bridge	08/26/08	ND(0.00000550)	0.00000690 PE	ND(0.00000550)	ND(0.00000550)	0.00000690	0.17	1.70	0.0025	ND(1.00)

Notes:

1. Samples were collected by ARCADIS, and submitted to Northeast Analytical, Inc. for analysis of PCBs (unfiltered), total suspended solids (TSS), particulate organic carbon (POC), chlorophyll (a) and volatile suspended solids (VSS).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

**ITEM 15
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
SEPTEMBER 2008**

a. Activities Undertaken/Completed

- On GE's behalf, ARCADIS performed one round of water column monitoring at 10 locations along the Housatonic River between Coltsville and Great Barrington, MA, on September 24, 2008. Two locations are situated in the 1½ Mile Reach of the Housatonic River and were discussed in Item 14. One location is at the outlet of Silver Lake and is discussed in Item 20 below. Of the remaining seven locations, two are located upstream of the 1½ Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The five remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Woods Pond Headwaters (Location 10); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed at these locations on September 24, 2008, from downstream to upstream. Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 15-1.
- On GE's behalf, ARCADIS collected a total of 40 adult largemouth bass from the Massachusetts portion of the Housatonic River on September 3-5, 2008 for lipid and PCB analyses, as identified in Table 15-1.
- On GE's behalf, the Academy of Natural Sciences of Philadelphia (ANSP) continued fish sampling in the Connecticut portion of the River.
- On GE's behalf, ARCADIS commenced young-of-year fish sampling in Massachusetts portion of the River during the week of September 29, 2008, and submitted samples for laboratory analyses, as identified in Table 15-1.
- GE received EPA's comments on Corrective Measures Study (CMS) Report (September 9, 2008) and began discussions with EPA regarding them.*
- GE received EPA comments on GE's submittal of Confidential Cost and Pricing Information in conjunction with CMS Report (September 9, 2008).*

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

ITEM 15
(cont'd)
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GEC850)
SEPTEMBER 2008

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue Housatonic River monthly water column monitoring.
- Complete young-of-year fish sampling in Massachusetts portion of the River.
- Complete fish sampling in Connecticut portion of River.
- Continue review of EPA's comments on CMS Report and discuss them with EPA.*
- Submit memorandum to EPA on certain differences between GE's and EPA's inputs to PCB model, as directed by EPA.*
- Begin preparation of CMS Report Supplement.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE will discuss with EPA issues relating to EPA's comments on CMS Report and preparation of CMS Report Supplement.

f. Proposed/Approved Work Plan Modifications

None

**TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample		Laboratory	Analyses	Date Received by GE or ARCADIS
		Date	Matrix			
2008 Housatonic River YOY Sampling	HR2-BG-197	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-BG-198	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-BG-199	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-BG-200	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-LB-183	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-LB-184	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-LB-185	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-LB-186	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-LB-187	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-LB-188	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-LB-189	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-YP-190	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-YP-191	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-YP-192	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-YP-193	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-YP-194	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-YP-195	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR2-YP-196	9/29/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-BG-236	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-BG-237	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-BG-238	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-BG-239	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-BG-240	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-BG-241	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-BG-242	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-LB-222	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-LB-223	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-LB-224	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-LB-225	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-LB-226	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-LB-227	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-LB-228	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-YP-229	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-YP-230	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-YP-231	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-YP-232	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-YP-233	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-YP-234	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	HR6-YP-235	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-BG-215	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-BG-216	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-BG-217	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-BG-218	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-BG-219	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-BG-220	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-BG-221	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	

**TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample		Laboratory	Analyses	Date Received by GE or ARCADIS
		Date	Matrix			
2008 Housatonic River YOY Sampling	WP-LB-201	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-LB-202	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-LB-203	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-LB-204	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-LB-205	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-LB-206	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-LB-207	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-YP-208	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-YP-209	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-YP-210	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-YP-211	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-YP-212	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-YP-213	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
2008 Housatonic River YOY Sampling	WP-YP-214	9/30/08	Biota	Pace	PCB - Aroclors; % Lipid	
Housatonic River Adult Fish Sampling	5B/C-LMB-1	9/3/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-10	9/3/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-11	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-12	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-13	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-14	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-15	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-2	9/3/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-3	9/3/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-4	9/3/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-5	9/3/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-6	9/3/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-7	9/3/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-8	9/3/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	5B/C-LMB-9	9/3/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet, PCB Congeners Remaining Carcass, % Lipids Remaining	9/30/08
Housatonic River Adult Fish Sampling	RP-LMB-1	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	RP-LMB-1	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	RP-LMB-10	9/5/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	RP-LMB-10	9/5/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	RP-LMB-2	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	RP-LMB-2	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	RP-LMB-3	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	RP-LMB-3	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	RP-LMB-4	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	RP-LMB-4	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	RP-LMB-5	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	RP-LMB-5	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	RP-LMB-6	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	RP-LMB-6	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	RP-LMB-7	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	RP-LMB-7	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	RP-LMB-8	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	

**TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample		Laboratory	Analyses	Date Received by GE or ARCADIS
		Date	Matrix			
Housatonic River Adult Fish Sampling	RP-LMB-8	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	RP-LMB-9	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	RP-LMB-9	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-1	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-1	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-10	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-10	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-11	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-11	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-12	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-12	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-13	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-13	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-14	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-14	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-15	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-15	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-2	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-2	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-3	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-3	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-4	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-4	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-5	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-5	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-6	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-6	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-7	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-7	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-8	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-8	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Housatonic River Adult Fish Sampling	WP-LMB-9	9/4/08	Biota	NEA	PCB Congeners Fillet, % Lipids Fillet	
Housatonic River Adult Fish Sampling	WP-LMB-9	9/4/08	Biota	NEA	PCB Congeners Remaining Carcass, % Lipids Remaining Carcass	9/30/08
Monthly Water Column Sampling	HR-D1 (Location-12)	8/26/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/5/08
Monthly Water Column Sampling	HR-D1 (Location-12)	9/24/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	8/26/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/5/08
Monthly Water Column Sampling	Location-1	9/24/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	8/26/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/5/08
Monthly Water Column Sampling	Location-10	9/24/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	9/24/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	8/26/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/5/08
Monthly Water Column Sampling	Location-13	9/24/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	8/26/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/5/08
Monthly Water Column Sampling	Location-2	9/24/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	8/26/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/5/08
Monthly Water Column Sampling	Location-7	9/24/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

**TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample			Analyses	Date Received by GE or ARCADIS
		Date	Matrix	Laboratory		
Monthly Water Column Sampling	Location-7	8/26/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/5/08
Monthly Water Column Sampling	Location-9	9/24/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	8/26/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	9/5/08

Note:

1. The parent sample location associated with the field duplicate is presented in parenthesis.

**TABLE 15-2
SAMPLE DATA RECEIVED DURING SEPTEMBER 2008**

**MONTHLY WATER COLUMN SAMPLING
HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	08/26/08	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.35	ND(1.00)	0.0011
LOCATION-2	Newell Street Bridge	08/26/08	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.22	1.20	0.0017
LOCATION-7	Holmes Road Bridge	08/26/08	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.24	2.20	0.0031
LOCATION-9	New Lenox Road Bridge	08/26/08	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.0000240 AG	0.0000240	0.27	2.50	0.0020
LOCATION-10	Headwaters of Woods Pond	08/26/08	ND(0.0000220)	0.0000350 PE	0.0000330 AF	0.0000540 AG	0.000122	0.091	3.23	0.0038
LOCATION-12	Schweitzer Bridge	08/26/08 08/26/08	ND(0.0000220) [ND(0.0000220)]	0.0000240 PE [0.0000310 PE]	0.0000270 AF [0.0000330 AF]	0.0000420 AG [0.0000620 AG]	0.0000930 [0.000126]	0.13 [0.40]	3.38 [4.58]	0.0063 [0.0057]
LOCATION-13	Division Street Bridge	08/26/08	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.30	3.17	0.0011

Notes:

1. Samples were collected by ARCADIS, and submitted to Northeast Analytical, Inc. for analysis of unfiltered PCBs, total suspended solids (TSS), particulate organic carbon (POC), and chlorophyll (a).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:

AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

**TABLE 15-3
PCB AND % LIPIDS DATA RECEIVED DURING SEPTEMBER 2008
2008 HOUSATONIC RIVER ADULT FISH SAMPLING**

**HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Parameter	Sample ID: Date Collected:	5B/C-LMB-1 09/03/08	5B/C-LMB-2 09/03/08	5B/C-LMB-3 09/03/08	5B/C-LMB-4 09/03/08	5B/C-LMB-5 09/03/08	5B/C-LMB-6 09/03/08	5B/C-LMB-7 09/03/08	5B/C-LMB-8 09/03/08	5B/C-LMB-9 09/03/08	5B/C-LMB-10 09/03/08
PCB Congeners											
Total PCB Congeners-carcass		63	120	110	120	34	15	14	50	63	54
Total PCB Congeners-fillet		4.2	4.5	9.5	5.3	1.2	1.3	1.5	5.1	8.9	9.3
Conventionals											
% lipids-carcass		5.6	7.0	5.6	8.8	4.9	2.3	3.9	5.6	7.6	7.3
%Lipids-fillet		0.49	0.81	1.1	0.52	1.1	0.48	1.1	0.85	1.6	2.8

Parameter	Sample ID: Date Collected:	5B/C-LMB-11 09/04/08	5B/C-LMB-12 09/04/08	5B/C-LMB-13 09/04/08	5B/C-LMB-14 09/04/08	5B/C-LMB-15 09/04/08	RP-LMB-1 09/04/08	RP-LMB-2 09/04/08	RP-LMB-3 09/04/08	RP-LMB-4 09/04/08	RP-LMB-5 09/04/08
PCB Congeners											
Total PCB Congeners-carcass		73	74	48	30	110	26	34	31	46	37
Total PCB Congeners-fillet		3.2	8.0	1.8	3.1	9.5	NA	NA	NA	NA	NA
Conventionals											
% lipids-carcass		4.6	3.3	3.8	5.6	6.3	4.1	4.6	3.3	4.2	3.8
%Lipids-fillet		0.46	0.70	0.29	1.6	0.93	NA	NA	NA	NA	NA

Parameter	Sample ID: Date Collected:	RP-LMB-6 09/04/08	RP-LMB-7 09/04/08	RP-LMB-8 09/04/08	RP-LMB-9 09/04/08	RP-LMB-10 09/05/08	WP-LMB-1 09/04/08	WP-LMB-2 09/04/08	WP-LMB-3 09/04/08	WP-LMB-4 09/04/08	WP-LMB-5 09/04/08
PCB Congeners											
Total PCB Congeners-carcass		56	49	23	52	70	79	59	54	54	79
Total PCB Congeners-fillet		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals											
% lipids-carcass		1.3	5.1	3.8	2.6	3.4	4.5	3.3	3.0	2.8	4.2
%Lipids-fillet		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Parameter	Sample ID: Date Collected:	WP-LMB-6 09/04/08	WP-LMB-7 09/04/08	WP-LMB-8 09/04/08	WP-LMB-9 09/04/08	WP-LMB-10 09/04/08	WP-LMB-11 09/04/08	WP-LMB-12 09/04/08	WP-LMB-13 09/04/08	WP-LMB-14 09/04/08	WP-LMB-15 09/04/08
PCB Congeners											
Total PCB Congeners-carcass		53	65	62	35	67	63	39	150	74	39
Total PCB Congeners-fillet		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals											
% lipids-carcass		4.1	1.8	4.8	2.8	3.4	2.3	2.5	3.9	4.6	3.5
%Lipids-fillet		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

1. Samples were collected by ARCADIS, and submitted to Northeast Analytical, Inc. for analysis of PCBs and % Lipids.
2. NA - Not Available.
3. Total PCB Congeners results are presented in parts per million, ppm.

**ITEMS 16 & 17
HOUSATONIC RIVER FLOODPLAIN
RESIDENTIAL AND NON-RESIDENTIAL
PROPERTIES ADJACENT TO 1½-MILE REACH
(GEC710 AND GEC720)
SEPTEMBER 2008**

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

- Conducted invasive species inspection of Phase 4 floodplain properties (September 23, 2008).
- Received notice that Pittsfield City Council had approved execution of City subordination agreements for GE-owned properties.
- Received subordination agreement from Western Massachusetts Electric Company for ERE at GE-owned Parcel I6-1-106.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted reports on the August 2008 inspections of backfilled/restored areas and revegetated areas within the Phase 2 floodplain properties (September 11, 2008) and Phase 3 floodplain properties (September 10, 2008).

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Submit report on the August/September 2008 inspections of backfilled/restored areas and revegetated areas within the Phase 4 floodplain properties.
- Execute EREs for GE-owned properties and submit those executed EREs and associated documentation to MDEP for acceptance.
- Continue discussions with EPA regarding draft Final Completion Report for Floodplain Non-Residential Properties Adjacent to the 1½ Mile Reach (Excluding Banks) and, upon completion of those discussions, submit revised draft Final Completion Report.

ITEMS 16 & 17
(cont'd)
HOUSATONIC RIVER FLOODPLAIN
RESIDENTIAL AND NON-RESIDENTIAL
PROPERTIES ADJACENT TO 1½-MILE REACH
(GEC710 AND GEC720)
SEPTEMBER 2008

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Completion of Final Completion Report for Floodplain Non-Residential Properties will depend on resolution of outstanding issues and timing of finalization of EREs for GE-owned, City-owned, and State-owned properties.

f. Proposed/Approved Work Plan Modifications

None

ITEM 18
HOUSATONIC RIVER FLOODPLAIN
CURRENT RESIDENTIAL PROPERTIES
DOWNSTREAM OF CONFLUENCE
(ACTUAL/POTENTIAL LAWNS)
(GEC730)
SEPTEMBER 2008

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Awaiting EPA approval of GE's Pre-Design Investigation Work Plan (submitted on February 26, 2002). (Based on discussions with EPA, this pre-design sampling will be deferred for some period of time.)*

f. Proposed/Approved Work Plan Modifications

None

ITEM 19
ALLENDALE SCHOOL PROPERTY
(GEC500)
SEPTEMBER 2008

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Continue to receive results from outdoor air monitoring conducted by EPA.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

**ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GEC600)
SEPTEMBER 2008**

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

- Collected one round of monthly water column samples from the Silver Lake Outfall (September 24, 2008) and obtained gauge reading for flow calculation (see Item 21.a.).
- Continued discussions and communications with EPA regarding evaluations of non-PCB Appendix IX+3 constituents in soil and regarding other issues in GE's Conceptual RD/RA Work Plan for Soils Adjacent to Silver Lake.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted draft revised evaluations of soil data to EPA for discussion.

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Submit Revised Conceptual RD/RA Work Plan for Soils Adjacent to Silver Lake (due October 23, 2008).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

Received from EPA a Conditional Approval letter for GE's Conceptual RD/RA Work Plan for Soils Adjacent to Silver Lake (September 23, 2008).

**TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Monthly Water Column Sampling	Location-4A	8/26/08	Water	NEA	PCB, TSS	9/5/08
Monthly Water Column Sampling	Location-4A	9/24/08	Water	NEA	PCB, TSS	

**TABLE 20-2
SAMPLE DATA RECEIVED DURING SEPTEMBER 2008**

**MONTHLY WATER COLUMN SAMPLING
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Sample ID	Location	Date Collected	Aroclor-1016, -1232, -1242	Aroclor 1221	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
LOCATION-4A	Silver Lake Outlet	8/26/2008	ND(0.0000220)	0.000240 PB	0.000110 PE	0.0000310 AF	ND(0.0000220)	0.000381	2.52

Notes:

1. Sample was collected by ARCADIS, and submitted to Northeast Analytical, Inc. for analysis of unfiltered PCBs and total suspended solids (TSS).
2. Sampling methods involved the collection of single grab 50 percent of the total river width, and 50 percent of the total river depth.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

PB - Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

**ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
SEPTEMBER 2008**

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

General:

- Conducted routine groundwater elevation and NAPL monitoring activities.
- Conducted Fall 2008 NAPL bailing round.
- Performed well repairs/redevelopment of selected wells, based on information on well conditions recording during Spring 2008 sampling activities.
- Conducted sampling of LNAPL and DNAPL from Building 64G Groundwater Treatment Facility, as shown in Table 21-1.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. No LNAPL was recovered from the North Side or South Side Caissons in September.
- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.326 liters (0.350 gallon) of LNAPL were removed from this area during September.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 3,794,271 gallons of groundwater was recovered from pumping systems 64R, 64S, 64V, 64X, RW-1(S), RW-1(X), and RW-2(X). In addition, approximately 833 gallons of LNAPL were removed from pumping systems 64R, 64V, GMA1-17W, RW-1(S), RW-1(X), RW-4, 64X, and 64S Caisson.
- Continued automated DNAPL removal activities. Approximately 24 gallons of DNAPL from pumping system RW-3(X) were removed during September.
- Continued routine well monitoring and manual NAPL removal activities. Approximately 11.215 liters (2.959 gallons) of LNAPL were removed from wells in this area during September. Approximately 2.162 liters (0.570 gallon) of DNAPL were removed from wells in this area during September.
- Treated/discharged 3,751,445 gallons of water through 64G Groundwater Treatment Facility.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GEC310)
SEPTEMBER 2008

a. Activities Undertaken/Completed (cont'd)

East Street Area 2-North:

- Continued well monitoring and NAPL removal activities. Approximately 0.444 liter (0.117 gallon) of LNAPL was recovered from this area during September.

20s, 30s, and 40s Complexes:

- Continued well monitoring and NAPL removal activities. Approximately 0.061 liter (0.016 gallon) of LNAPL was recovered from this area during September.

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 143,958 gallons of groundwater was recovered from pumping systems RW-1R, RW-2, and RW-3. No LNAPL was removed from the automated recovery systems during September.
- Continued routine well monitoring and NAPL removal activities. Approximately 0.555 liter (0.146 gallon) of LNAPL was removed from wells in this area during September. Approximately 1.748 liters (0.461 gallon) of DNAPL were removed from wells in this area during September.
- Conducted sampling of purge water from well development on Subaru property adjacent to Lyman Street as noted in Table 21-1.

Newell Street Area II:

- Continued automated DNAPL removal activities. Approximately 13.5 gallons of DNAPL were removed by System 2 in September.
- Continued routine well monitoring and NAPL removal activities. Approximately 0.346 liter (0.091 gallon) of LNAPL was removed from wells in this area during September. Approximately 4.985 liters (1.315 gallons) of DNAPL were recovered from wells in this area during September.

Newell Street Area I:

- No activities

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GEC310)
SEPTEMBER 2008

a. Activities Undertaken/Completed (cont'd)

Silver Lake Area:

- Continued routine monitoring of lake level.
- Obtained gauge reading for flow calculation.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue routine groundwater and NAPL monitoring/recovery activities.
- Conduct Fall 2008 groundwater elevation and NAPL monitoring event.
- Perform Fall 2008 interim groundwater sampling round.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The replacement for monitoring well O-R in the 20s Complex was not installed following decommissioning of that well in December 2006, as the proposed location was not accessible to the drill rig. No suitable alternate locations could be identified where a well could be installed at this time, due to future changes in the ground surface that are proposed for this area. Following discussions among representatives of GE, EPA, and PEDDA, it was decided that the well would be installed following construction/re-grading activities in this area. At that time, GE will also extend or cut certain existing wells to fit the final grade, as discussed in GE's May 22, 2006 proposal.

f. Proposed/Approved Work Plan Modifications

Modifications to the GMA 1 groundwater quality and NAPL monitoring programs were proposed in the Spring 2008 Groundwater Quality Monitoring Interim Report (submitted on July 30, 2008) and Spring 2008 NAPL Monitoring Report (submitted August 29, 2008). Those modifications will be implemented following EPA approval.

**TABLE 21-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Building 64 LNAPL ReCertification	B64-Tank-J	9/29/08	Oil	SGS	PCB, VOC, SVOC, Total Metals, Flashpoint	
Building 64X Coal Tar DNAPL Oil Sampling	64X-CT	9/15/08	Oil	SGS	PCB, VOC, SVOC, Total Metals	9/30/08
Subaru Well Development Water Sampling	B2200-1	9/15/08	Water	SGS	PCB	9/18/08

**TABLE 21-2
APPENDIX IX+3 DATA RECEIVED DURING SEPTEMBER 2008**

**BUILDING 64X COAL TAR DNAPL OIL SAMPLING
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	64X-CT 09/15/08
Volatile Organics		
Benzene		49 J
Ethylbenzene		330
Styrene		30 J
Toluene		250
Xylenes (total)		370
PCBs		
None Detected		--
Semivolatile Organics		
2-Methylnaphthalene		30000
Acenaphthene		11000
Acenaphthylene		13000
Anthracene		7800
Benzo(a)anthracene		6200
Benzo(a)pyrene		5100
Benzo(b)fluoranthene		3600 J
Benzo(g,h,i)perylene		1900 J
Benzo(k)fluoranthene		1800 J
Chrysene		4900 J
Dibenzofuran		850 J
Fluoranthene		14000
Fluorene		13000
Indeno(1,2,3-cd)pyrene		1300 J
Naphthalene		78000
Phenanthrene		35000
Pyrene		18000
Inorganics		
Arsenic		8.33
Barium		0.906 B
Cadmium		0.198 B
Chromium		0.231 B
Lead		2.43
Mercury		0.00371 B
Selenium		1.11 B

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles and metals.
2. Only detected constituents are summarized.
3. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, semivolatiles)

J - Indicates an estimated value less than the practical quantitation limit (PQL).

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and PQL.

TABLE 21-3
PCB DATA RECEIVED DURING SEPTEMBER 2008

SUBARU WELL DEVELOPMENT WATER SAMPLING
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
B2200-1	9/15/2008	ND(0.000068)	0.00013	0.00013	0.00026

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

**TABLE 21-4
AUTOMATED LNAPL & GROUNDWATER RECOVERY SYSTEMS MONTHLY SUMMARY
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1**

**CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008**

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	September 2007	0.0	12,400	
	October 2007	0.0	15,152	
	November 2007	0.0	11,806	
	December 2007	0.0	13,067	
	January 2008	0.0	46,006	
	February 2008	0.0	7,974	
	March 2008	0.0	60,416	
	April 2008	0.0	42,085	
	May 2008	0.0	307,014	
	June 2008	0.0	15,018	
	July 2008	0.0	19,814	
	August 2008	0.0	12,768	
September 2008	0.0	16,150		
Southside	September 2007	0.0	55,950	8.82
	October 2007	0.0	63,450	
	November 2007	0.0	62,580	
	December 2007	0.0	75,570	
	January 2008	0.0	92,750	
	February 2008	0.0	55,900	
	March 2008	0.0	98,650	
	April 2008	0.0	97,470	
	May 2008	0.0	916,660	
	June 2008	0.0	53,800	
	July 2008	0.0	70,420	
	August 2008	0.0	54,760	
September 2008	0.0	71,100		

Note:

1. New flowmeters were installed at both caissons during April 2007.

TABLE 21-5
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	September 2008 Removal (liters)
GMA 1 - East Street Area 1 - South						
33	9/24/2008	6.70	6.69	0.01	0.006	0.006
34	9/24/2008	6.56	6.55	0.01	0.006	0.006
35	9/24/2008	6.35	6.34	0.01	0.006	0.006
72	9/24/2008	7.51	7.36	0.15	0.093	0.093
76	9/24/2008	7.80	7.30	0.50	0.308	0.308
GMA 1 - East Street Area 1 - North						
105	9/23/2008	8.83	7.53	1.30	0.185	0.185
106	9/23/2008	9.90	8.73	1.17	0.722	0.722

Total Manual LNAPL Removal for September 2008: 1.326 liters
0.350 gallons

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-6
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
52	999.26	9/24/2008	5.65	---	0.00	---	7.30	0.00	993.61
105	1002.85	9/23/2008	8.83	7.53	1.30	---	17.40	0.00	995.23
106	1004.06	9/23/2008	9.90	8.73	1.17	---	12.50	0.00	995.25
131	1001.18	9/23/2008	4.82	---	0.00	---	6.55	0.00	996.36
ES1-08	1000.85	9/23/2008	6.20	---	0.00	---	13.15	0.00	994.65
North Caisson	997.84	9/3/2008	18.10	P	< 0.01	---	19.80	0.00	979.74
North Caisson	997.84	9/8/2008	18.01	P	< 0.01	---	19.80	0.00	979.83
North Caisson	997.84	9/17/2008	18.10	P	< 0.01	---	19.80	0.00	979.74
North Caisson	997.84	9/23/2008	18.45	P	< 0.01	---	19.80	0.00	979.39
GMA 1 - East Street Area 1 - South									
31R	1,000.23	9/16/2008	9.09	---	0.00	---	14.98	0.00	991.14
33	999.50	9/24/2008	6.70	6.69	0.01	---	21.05	0.00	992.81
34	999.90	9/24/2008	6.56	6.55	0.01	---	21.01	0.00	993.35
35	1000.15	9/24/2008	6.35	6.34	0.01	---	9.56	0.00	993.81
45	1000.10	9/24/2008	6.34	---	0.00	---	19.54	0.00	993.76
72	1000.62	9/24/2008	7.51	7.36	0.15	---	21.90	0.00	993.25
72R	1000.92	9/16/2008	6.81	---	0.00	---	13.31	0.00	994.11
76	1000.45	9/24/2008	7.80	7.30	0.50	---	18.68	0.00	993.12
South Caisson	1001.11	9/3/2008	12.45	P	< 0.01	---	15.00	0.00	988.66
South Caisson	1001.11	9/8/2008	11.18	P	< 0.01	---	15.00	0.00	989.93
South Caisson	1001.11	9/17/2008	13.10	13.09	0.01	---	15.00	0.00	988.02
South Caisson	1001.11	9/23/2008	13.45	P	< 0.01	---	15.00	0.00	987.66

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. P indicates that NAPL is present at a thickness < 0.01 feet, the corresponding thickness is recorded as such.

**TABLE 21-7
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
September 2008**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	September 2007	1		
	October 2007	0.6		
	November 2007	0		
	December 2007	0		71.43
	January 2008	7		93.33
	February 2008	8		63.64
	March 2008	0.3		
	April 2008	0		
	May 2008	16		
	June 2008	2.8		
	July 2008	5.3		
	August 2008	12.8		
	September 2008	6.0		
64R	September 2007	0	10	
	October 2007	13	16	
	November 2007	0	0	
	December 2007	0	118	
	January 2008	13	12,887	
	February 2008	13	105,884	
	March 2008	0	1,347,600	
	April 2008	425	1,550,428	
	May 2008	238	871,221	
	June 2008	125	409,673	
	July 2008	112.5	399,404	
	August 2008	137	441,531	
	September 2008	0	64,543	
64S System	September 2007	93	169,177	
	October 2007	339	171,979	
	November 2007	0	181,928	
	December 2007	0	261,518	
	January 2008	310	688,788	
	February 2008	539	1,072,465	
	March 2008	336	1,395,857	
	April 2008	559	1,838,725	
	May 2008	535	1,020,487	
	June 2008	355	757,728	0.89
	July 2008	258	838,706	4.05
	August 2008	158	644,757	
	September 2008	426	540,952	
64V ¹	September 2007	199	521,700	
	October 2007	303	698,300	
	November 2007	374	636,800	
	December 2007	357	657,800	
	January 2008	563	786,200	
	February 2008	685	881,400	6.06
	March 2008	995	1,022,300	
	April 2008	809	1,458,900	
	May 2008	316	1,007,100	
	June 2008	219	828,700	
	July 2008	365	965,000	
	August 2008	623	719,400	1.9
	September 2008	357	678,100	

TABLE 21-7
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
September 2008

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	September 2007	191	403,200	10.34
	October 2007	110	475,200	
	November 2007	116	403,200	
	December 2007	25	432,000	
	January 2008	12	475,200	
	February 2008	14	417,600	
	March 2008	20	388,800	
	April 2008	20	504,000	
	May 2008	20	417,600	
	June 2008	34	403,200	
	July 2008	29	504,000	
	August 2008	21	403,200	
	September 2008	21	388,800	
RW-2(X)	September 2007	17	556,053	3.57
	October 2007	0	596,911	
	November 2007	0	527,224	
	December 2007	0	493,808	
	January 2008	0	658,482	
	February 2008	0	728,521	
	March 2008	1	933,386	
	April 2008	0	1,130,270	
	May 2008	0	982,353	
	June 2008	0	791,473	
	July 2008	0	858,061	
	August 2008	12	497,005	
	September 2008	0	687,031	
RW-1(S) ²	September 2007	76	388,294	3.03
	October 2007	137	397,362	
	November 2007	63	406,149	
	December 2007	43	459,311	
	January 2008	35	670,446	
	February 2008	30	755,841	
	March 2008	8	908,726	
	April 2008	41	500,102	
	May 2008	42	756,456	
	June 2008	39	599,972	
	July 2008	55	713,272	
	August 2008	63	526,699	
	September 2008	24	442,163	
RW-1(X)	September 2007	0	400,292	0.89
	October 2007	0	478,460	
	November 2007	0	393,698	
	December 2007	0	427,529	
	January 2008	3	478,833	
	February 2008	0	438,185	
	March 2008	0	389,884	
	April 2008	0	490,805	
	May 2008	5	353,801	
	June 2008	0	347,808	
	July 2008	0	468,737	
	August 2008	0	347,550	
	September 2008	0	370,948	

**TABLE 21-7
 AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
 EAST STREET AREA 2 - SOUTH
 GROUNDWATER MANAGEMENT AREA 1
 CONSENT DECREE MONTHLY STATUS REPORT
 GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
 September 2008**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-4	January 2008	0	21,037	
	February 2008	0	500,986	
	March 2008	0	444,334	
	April 2008	0	803,319	
	May 2008	0	520,793	
	June 2008	0	435,556	
	July 2008	0	539,155	
	August 2008	0	365,500	
	September 2008	0	621,734	
RW-3(X)	September 2007	40		
	October 2007	36		
	November 2007	20		
	December 2007	11		17.36
	January 2008	22		
	February 2008	17		
	March 2008	13		
	April 2008	25		
	May 2008	26		
	June 2008	37		
	July 2008	44		
	August 2008	34		15.63
	September 2008	24		11.11

Summary of Total Automated Removal		
Water:	3,794,271	Gallons
LNAPL:	833	Gallons
DNAPL:	24	Gallons

Notes:

1. The flow meter at recovery well 64V was reset in December 2004.
2. The flow meter at recovery well RW-1(S) was reset in April 2008.
3. The flow meters at recovery wells RW-1(X), RW-2(X), 64X(W), and 64R were reset in March 2006.

TABLE 21-8
WELL MONITORING AND RECOVERY OF LNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	September 2008 Removal (liters)
East Street Area 2 - South						
13	9/22/2008	18.17	18.14	0.03	0.019	0.019
14	9/22/2008	18.28	18.15	0.13	0.080	0.080
25R	9/22/2008	23.50	20.05	3.45	2.128	2.128
26RR	9/23/2008	21.59	21.53	0.06	0.037	0.037
29	9/22/2008	18.15	18.05	0.10	0.062	0.062
47	9/22/2008	18.40	17.65	0.75	0.463	0.463
48	9/22/2008	17.45	15.70	1.75	1.080	1.080
50	9/22/2008	10.83	10.78	0.05	0.031	0.031
55	9/22/2008	17.20	16.66	0.54	0.333	0.333
95-04R	9/22/2008	15.24	14.15	1.09	2.694	2.694
95-05	9/22/2008	16.73	16.10	0.63	0.389	0.389
GMA1-14	9/17/2008	18.55	18.50	0.05	0.031	0.037
	9/22/2008	18.69	18.68	0.01	0.006	
GMA1-15	9/3/2008	16.72	15.90	0.82	0.506	1.703
	9/10/2008	15.90	15.41	0.49	0.302	
	9/17/2008	16.10	15.53	0.57	0.352	
	9/22/2008	16.60	15.72	0.88	0.543	
GMA1-16	9/3/2008	13.32	13.26	0.06	0.037	0.093
	9/10/2008	13.28	13.27	0.01	0.006	
	9/17/2008	13.27	13.24	0.03	0.019	
	9/22/2008	13.45	13.40	0.05	0.031	
GMA1-19	9/3/2008	13.10	11.70	1.40	0.864	2.048
	9/10/2008	11.56	11.14	0.42	0.259	
	9/17/2008	12.10	11.45	0.65	0.401	
	9/22/2008	12.45	11.60	0.85	0.524	
M-R	9/22/2008	19.24	19.23	0.01	0.006	0.006
P3	9/22/2008	5.20	5.18	0.02	0.012	0.012
East Street Area 2 - North						
14-N	9/23/2008	24.05	23.57	0.48	0.296	0.296
17-N	9/23/2008	29.19	29.15	0.04	0.025	0.025
23-N	9/23/2008	29.38	29.18	0.20	0.123	0.123
20's Complex						
II	9/23/2008	26.68	26.60	0.08	0.049	0.049
QQ-R	9/23/2008	18.15	18.14	0.01	0.006	0.006
U	9/23/2008	19.41	19.40	0.01	0.006	0.006

Total LNAPL Removal for East Street Area 2 - South for September 2008 11.215 liters
2.959 gallons

Total LNAPL Removal for East Street Area 2 - North for September 2008 0.444 liters
0.117 gallons

Total LNAPL Removal for 20's, 30's, & 40's Complexes for September 2008 0.061 liters
0.016 gallons

Total LNAPL Removal for September 2008: 11.720 liters
3.092 gallons

Note:

1. ft BMP - feet Below Measuring Point.

TABLE 21-9
WELL MONITORING AND RECOVERY OF DNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	September 2008 Removal (liters)
East Street Area 2 - South						
E2SC-03I	9/23/2008	9.98	38.73	3.50	2.162	2.162

Total DNAPL Removal East Street Area 2 - South for September 2008: 2.162 liters
0.570 gallons

Total DNAPL Removal for September 2008: 2.162 liters
0.570 gallons

Note:

1. ft BMP - feet Below Measuring Point

TABLE 21-10
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
September 2007	2,251,050	291,439	2,542,489
October 2007	2,303,110	272,680	2,575,790
November 2007	2,452,080	232,042	2,684,122
December 2007	2,632,500	176,014	2,808,514
January 2008	3,317,140	176,754	3,493,894
February 2008	4,889,950	18,985	4,908,935
March 2008	7,671,790	17,467	7,689,257
April 2008	7,613,740	107,034	7,720,774
May 2008	5,848,050	229,206	6,077,256
June 2008	4,583,930	210,766	4,794,696
July 2008	4,170,030	238,495	4,408,525
August 2008	3,983,880	295,273	4,279,153
September 2008	3,543,290	208,155	3,751,445

After treatment, the majority of the water processed at GE's Building 64G groundwater treatment facility is discharged to the Housatonic River through NPDES permitted Outfall 005. However, as part of GE's overall efforts to contain NAPL within the site and to optimize NAPL recovery operations, a portion of the treated water discharged from the 64G facility is routed to GE's on-site recharge pond located in East Street Area 2-South.

TABLE 21-11
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
20's Complex									
CC	998.84	9/23/2008	Well Obstructed at 17.58 ft				---	---	NA
II	1,007.26	9/23/2008	26.68	26.60	0.08	---	31.67	0.00	980.65
QQ-R	998.32	9/23/2008	18.15	18.14	0.01	---	28.14	0.00	980.18
U	998.89	9/23/2008	19.41	19.40	0.01	---	26.50	0.00	979.49
Y	1,002.86	9/23/2008	23.14	---	0.00	---	28.30	0.00	979.72
30's Complex									
GMA1-3	990.78	9/26/2008	7.12	---	0.00	---	15.62	0.00	983.66
East Street Area 2 - North									
05-N	1,009.23	9/23/2008	24.52	---	0.00	---	27.70	0.00	984.71
14-N	1,010.53	9/23/2008	24.05	23.57	0.48	---	30.40	0.00	986.93
17A	1,023.86	9/25/2008	14.30	---	0.00	---	19.50	0.00	1,009.56
17-N	1,010.49	9/23/2008	29.19	29.15	0.04	---	38.80	0.00	981.34
20-N	1,010.66	9/23/2008	28.40	---	0.00	---	33.90	0.00	982.26
23-N	1,011.13	9/23/2008	29.38	29.18	0.20	---	38.20	0.00	981.94
95-20	1,010.67	9/25/2008	16.30	---	0.00	---	20.40	0.00	994.37
A7	1,024.07	9/23/2008	Cemented over			---	---	0.00	NA
ES1-10	1,023.99	9/23/2008	5.53	---	0.00	---	15.79	0.00	1,018.46
ES1-18	1,049.71	9/25/2008	Well casing diameter limits depth measurement				14.37	0.00	NA
GMA1-4	1,011.52	9/26/2008	17.02	---	0.00	---	20.25	0.00	994.50
East Street Area 2 - South									
02	995.64	9/22/2008	17.15	---	0.00	---	23.30	0.00	978.49
06	991.18	9/22/2008	14.08	---	0.00	---	23.55	0.00	977.10
09R	986.88	9/22/2008	13.65	---	0.00	---	19.58	0.00	973.23
13	990.88	9/22/2008	18.17	18.14	0.03	---	22.54	0.00	972.74
14	991.61	9/22/2008	18.28	18.15	0.13	---	25.44	0.00	973.45
19	983.59	9/3/2008	11.75	---	0.00	---	17.48	0.00	971.84
19	983.59	9/10/2008	11.00	---	0.00	---	17.48	0.00	972.59
19	983.59	9/16/2008	11.27	---	0.00	---	17.45	0.00	972.32
19	983.59	9/26/2008	11.60	---	0.00	---	17.40	0.00	971.99
25R	998.31	9/22/2008	23.50	20.05	3.45	---	30.63	0.00	978.02
26RR	1,000.58	9/23/2008	21.59	21.53	0.06	---	28.41	0.00	979.05
29	991.59	9/22/2008	18.15	18.05	0.10	---	21.95	0.00	973.53
30	989.34	9/22/2008	11.70	---	0.00	---	22.44	0.00	977.64
40R	991.60	9/16/2008	Dry at 12.65 feet BMP			---	12.65	0.00	NA
42	988.33	9/22/2008	12.16	---	0.00	---	18.74	0.00	976.17
43	989.67	9/22/2008	14.30	---	0.00	---	22.46	0.00	975.37
47	991.09	9/22/2008	18.40	17.65	0.75	---	23.06	0.00	973.39
48	992.39	9/22/2008	17.45	15.70	1.75	---	22.60	0.00	976.57
49R	988.71	9/16/2008	15.43	---	0.00	---	24.88	0.00	973.28
49RR	989.80	9/16/2008	16.40	---	0.00	---	23.05	0.00	973.40
50	985.79	9/22/2008	10.83	10.78	0.05	---	23.40	0.00	975.01
55	989.45	9/22/2008	17.20	16.66	0.54	---	30.02	0.00	972.75
58	985.79	9/22/2008	13.26	---	0.00	---	23.15	0.00	972.53
64R	993.37	9/3/2008	15.37	15.36	0.01	---	20.50	0.00	978.01
64R	993.37	9/8/2008	15.30	15.29	0.01	---	20.50	0.00	978.08
64R	993.37	9/17/2008	15.40	15.39	0.01	---	20.50	0.00	977.98
64R	993.37	9/23/2008	15.55	15.54	0.01	---	20.50	0.00	977.83

TABLE 21-11
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
64S	984.48	9/3/2008	19.20	P	< 0.01	---	28.70	0.00	965.28
64S	984.48	9/8/2008	19.10	P	< 0.01	---	28.70	0.00	965.38
64S	984.48	9/17/2008	19.15	P	< 0.01	---	28.70	0.00	965.33
64S	984.48	9/23/2008	19.30	P	< 0.01	---	28.70	0.00	965.18
64S-Caisson	NA	9/3/2008	10.90	10.88	0.02	---	14.55	0.00	NA
64S-Caisson	NA	9/8/2008	10.84	10.82	0.02	---	14.55	0.00	NA
64S-Caisson	NA	9/17/2008	10.60	P	< 0.01	---	14.55	0.00	NA
64S-Caisson	NA	9/23/2008	10.60	P	< 0.01	---	14.55	0.00	NA
64V	987.29	9/3/2008	20.65	20.07	0.58	P	29.60	< 0.01	967.18
64V	987.29	9/8/2008	20.76	20.10	0.66	P	29.60	< 0.01	967.14
64V	987.29	9/17/2008	21.61	20.90	0.71	P	29.60	< 0.01	966.34
64V	987.29	9/23/2008	21.50	20.90	0.60	P	29.60	< 0.01	966.35
64X(N)	984.83	9/3/2008	12.05	12.04	0.01	---	15.85	0.00	972.79
64X(N)	984.83	9/8/2008	12.10	12.09	0.01	---	15.85	0.00	972.74
64X(N)	984.83	9/17/2008	12.00	11.99	0.01	---	15.85	0.00	972.84
64X(N)	984.83	9/23/2008	12.25	12.24	0.01	---	15.85	0.00	972.59
64X(S)	981.56	9/3/2008	15.47	15.39	0.08	---	23.82	0.00	966.16
64X(S)	981.56	9/8/2008	15.30	15.25	0.05	---	23.82	0.00	966.31
64X(S)	981.56	9/17/2008	15.30	15.20	0.10	---	23.82	0.00	966.35
64X(S)	981.56	9/23/2008	16.71	16.61	0.10	---	23.82	0.00	964.94
64X(W)	984.87	9/3/2008	18.47	18.46	0.01	---	24.35	0.00	966.41
64X(W)	984.87	9/8/2008	18.29	18.28	0.01	---	24.35	0.00	966.59
64X(W)	984.87	9/17/2008	18.40	18.38	0.02	---	24.35	0.00	966.49
64X(W)	984.87	9/23/2008	18.71	18.70	0.01	---	24.35	0.00	966.17
95-01	983.77	9/16/2008	10.60	---	0.00	---	16.86	0.00	973.17
95-04R	988.36	9/22/2008	15.24	14.15	1.09	---	21.94	0.00	974.13
95-05	989.45	9/22/2008	16.73	16.10	0.63	---	20.07	0.00	973.31
95-07R	994.56	9/22/2008	19.00	---	0.00	---	26.05	0.00	975.56
95-25	988.20	9/23/2008	14.40	---	0.00	---	20.43	0.00	973.80
3-6C-EB-22	986.94	9/16/2008	14.05	---	0.00	---	22.01	0.00	972.89
E2SC-03I*	982.12	9/23/2008	9.98	---	0.00	38.73	42.23	3.50	972.14
E2SC-23	992.07	9/16/2008	17.35	---	0.00	---	21.15	0.00	974.72
E2SC-24	987.90	9/16/2008	15.52	---	0.00	---	21.61	0.00	972.38
ES2-02A	979.63	9/26/2008	7.51	---	0.00	---	17.60	0.00	972.12
ES2-06	986.00	9/22/2008	13.25	---	0.00	---	34.60	0.00	972.75
GMA1-14	997.43	9/3/2008	18.57	---	0.00	---	22.80	0.00	978.86
GMA1-14	997.43	9/10/2008	18.46	---	0.00	---	22.80	0.00	978.97
GMA1-14	997.43	9/17/2008	18.55	18.50	0.05	---	22.79	0.00	978.93
GMA1-14	997.43	9/22/2008	18.69	18.68	0.01	---	22.80	0.00	978.75
GMA1-15	988.59	9/3/2008	16.72	15.90	0.82	---	17.78	0.00	972.63
GMA1-15	988.59	9/10/2008	15.90	15.41	0.49	---	17.78	0.00	973.15
GMA1-15	988.59	9/17/2008	16.10	15.53	0.57	---	17.78	0.00	973.02
GMA1-15	988.59	9/22/2008	16.60	15.72	0.88	---	17.78	0.00	972.81
GMA1-16	986.82	9/3/2008	13.32	13.26	0.06	---	19.94	0.00	973.56
GMA1-16	986.82	9/10/2008	13.28	13.27	0.01	---	19.94	0.00	973.55
GMA1-16	986.82	9/17/2008	13.27	13.24	0.03	---	19.94	0.00	973.58
GMA1-16	986.82	9/22/2008	13.45	13.40	0.05	---	19.93	0.00	973.42
GMA1-17E	993.03	9/22/2008	15.05	---	0.00	---	17.30	0.00	977.98
GMA1-17W	992.63	9/3/2008	NM	NM	NM	NM	NM	NM	NA
GMA1-17W	992.63	9/8/2008	NM	NM	NM	NM	NM	NM	NA
GMA1-17W	992.63	9/17/2008	NM	NM	NM	NM	NM	NM	NA
GMA1-17W	992.63	9/23/2008	NM	NM	NM	NM	NM	NM	NA

TABLE 21-11
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA1-19	984.28	9/3/2008	13.10	11.70	1.40	---	17.14	0.00	972.48
GMA1-19	984.28	9/10/2008	11.56	11.14	0.42	---	17.14	0.00	973.11
GMA1-19	984.28	9/17/2008	12.10	11.45	0.65	---	17.14	0.00	972.78
GMA1-19	984.28	9/22/2008	12.45	11.60	0.85	---	17.14	0.00	972.62
GMA1-20	983.49	9/3/2008	11.25	---	0.00	---	17.30	0.00	972.24
GMA1-20	983.49	9/10/2008	10.56	---	0.00	---	17.30	0.00	972.93
GMA1-20	983.49	9/16/2008	10.90	---	0.00	---	17.30	0.00	972.59
GMA1-20	983.49	9/26/2008	11.15	---	0.00	---	17.30	0.00	972.34
GMA1-21	985.68	9/3/2008	13.32	---	0.00	---	19.35	0.00	972.36
GMA1-21	985.68	9/10/2008	12.70	---	0.00	---	19.34	0.00	972.98
GMA1-21	985.68	9/16/2008	12.95	---	0.00	---	19.35	0.00	972.73
GMA1-21	985.68	9/26/2008	13.26	---	0.00	---	19.35	0.00	972.42
GMA1-22	988.45	9/3/2008	15.63	---	0.00	---	19.15	0.00	972.82
GMA1-22	988.45	9/10/2008	15.11	---	0.00	---	19.16	0.00	973.34
GMA1-22	988.45	9/16/2008	15.20	---	0.00	---	19.15	0.00	973.25
GMA1-22	988.45	9/26/2008	15.60	---	0.00	---	19.18	0.00	972.85
GMA1-23	986.16	9/3/2008	13.45	---	0.00	---	17.26	0.00	972.71
GMA1-23	986.16	9/10/2008	12.92	---	0.00	---	17.28	0.00	973.24
GMA1-23	986.16	9/16/2008	12.97	---	0.00	---	17.25	0.00	973.19
GMA1-23	986.16	9/26/2008	13.40	---	0.00	---	17.24	0.00	972.76
GMA1-24	983.81	9/3/2008	11.60	---	0.00	---	15.90	0.00	972.21
GMA1-24	983.81	9/10/2008	10.00	---	0.00	---	15.90	0.00	973.81
GMA1-24	983.81	9/16/2008	11.21	---	0.00	---	15.90	0.00	972.60
GMA1-24	983.81	9/26/2008	11.50	---	0.00	---	15.90	0.00	972.31
HR-G2-MW-1	982.60	9/16/2008	10.88	---	0.00	---	18.23	0.00	971.72
HR-G2-MW-2	981.39	9/16/2008	8.80	---	0.00	---	17.67	0.00	972.59
HR-G2-MW-3	987.14	9/16/2008	14.78	---	0.00	---	21.98	0.00	972.36
HR-G2-RW-1	976.88	9/16/2008	6.42	---	0.00	---	18.70	0.00	972.08
HR-G2-RW-1	976.88	9/22/2008	6.97	---	0.00	---	18.70	0.00	971.67
M-R	998.19	9/22/2008	19.24	19.23	0.01	---	29.22	0.00	978.96
P3	989.25	9/22/2008	5.20	5.18	0.02	---	13.10	0.00	984.07
RW-1(S)	987.23	9/3/2008	17.90	P	< 0.01	---	28.60	0.00	969.33
RW-1(S)	987.23	9/8/2008	17.81	17.73	0.08	---	28.60	0.00	969.49
RW-1(S)	987.23	9/17/2008	18.50	18.10	0.40	---	28.60	0.00	969.10
RW-1(S)	987.23	9/23/2008	18.10	17.71	0.39	---	28.60	0.00	969.49
RW-1(X)	982.68	9/3/2008	14.60	14.58	0.02	---	20.80	0.00	968.10
RW-1(X)	982.68	9/8/2008	14.58	14.56	0.02	---	20.80	0.00	968.12
RW-1(X)	982.68	9/17/2008	15.30	P	< 0.01	---	20.80	0.00	967.38
RW-1(X)	982.68	9/23/2008	15.45	15.44	0.01	---	20.80	0.00	967.24
RW-2(X)	985.96	9/3/2008	12.90	---	0.00	---	22.80	0.00	973.06
RW-2(X)	985.96	9/8/2008	12.88	---	0.00	---	22.80	0.00	973.08
RW-2(X)	985.96	9/17/2008	13.10	---	0.00	---	22.80	0.00	972.86
RW-2(X)	985.96	9/23/2008	12.05	---	0.00	---	22.80	0.00	973.91
RW-3(X)	980.28	9/3/2008	8.88	---	0.00	42.09	44.40	2.31	971.40
RW-3(X)	980.28	9/8/2008	8.88	---	0.00	41.98	44.40	2.42	971.40
RW-3(X)	980.28	9/17/2008	8.61	---	0.00	41.90	44.40	2.50	971.67
RW-3(X)	980.28	9/23/2008	9.20	---	0.00	42.71	44.40	1.69	971.08
RW-4	987.44	9/3/2008	18.27	---	0.00	---	29.05	0.00	969.17
RW-4	987.44	9/8/2008	18.10	---	0.00	---	29.05	0.00	969.34
RW-4	987.44	9/17/2008	18.21	---	0.00	---	29.05	0.00	969.23
RW-4	987.44	9/23/2008	17.90	---	0.00	---	29.05	0.00	969.54

TABLE 21-11
 ROUTINE WELL MONITORING
 EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
 GROUNDWATER MANAGEMENT AREA 1
 CONSENT DECREE MONTHLY STATUS REPORT
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 September 2008

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River									
SG-HR-1	990.73	9/3/2008	19.95	See Note 7 regarding depth to water					970.78
SG-HR-1	990.73	9/10/2008	18.72	See Note 7 regarding depth to water					972.01
SG-HR-1	990.73	9/17/2008	19.60	See Note 7 regarding depth to water					971.13
SG-HR-1	990.73	9/26/2008	19.60	See Note 7 regarding depth to water					971.13

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. NM indicates information not measured.
5. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
6. Well HR-G2-RW-1 is constructed at an angle of 41.67 degrees from vertical. Depth to water data reflect measurements collected along the angled well casing. Groundwater elevations are corrected to account for the angle of the well casing.
7. A survey reference point (SG-HR-1) was established on the Newell Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.
8. * - A weighted bailer has been installed at this location to remove accumulations of DNAPL. The DNAPL thickness reported is that measured within the bailer upon the initial retrieval.

TABLE 21-12
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
September 2006	172,604	--	--
October 2006	184,541	--	--
November 2006	270,731	--	--
December 2006	205,096	--	--
January 2007	240,662	--	5
February 2007	170,181	--	5
March 2007	205,590	--	10
April 2007	292,955	--	--
May 2007	279,466	--	10
June 2007	204,886	--	--
July 2007	186,214	--	5
August 2007	100,728	--	--
September 2007	183,351	--	5
October 2007	144,238	--	5
November 2007	139,963	--	--
December 2007	154,499	--	5
January 2008	186,034	--	9
February 2008	222,650	--	--
March 2008	268,237	1	--
April 2008	374,027	--	10
May 2008	231,623	--	15
June 2008	172,407	--	--
July 2008	199,259	--	--
August 2008	145,363	--	--
September 2008	143,958	--	--

Notes:

1. Volume of water pumped is total from Wells RW-1R, RW-2, and RW-3.
2. -- indicates LNAPL or DNAPL was not recovered by the system.
3. RW-1 was decommissioned in 2007.

**TABLE 21-13
 MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
 LYMAN STREET AREA
 GROUNDWATER MANAGEMENT AREA 1
 CONSENT DECREE MONTHLY STATUS REPORT
 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 September 2008**

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	September 2008 Removal (liters)
LS-13	9/24/2008	16.56	16.55	0.01	0.006	0.006
LS-21	9/24/2008	16.20	15.36	0.84	0.518	0.518
LS-31	9/24/2008	16.20	16.15	0.05	0.031	0.031

**Total Manual LNAPL Removal for September 2008: 0.555 liters
 0.146 gallons**

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-14
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008**

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	September 2008 Removal (liters)
LS-12	9/24/2008	15.40	27.24	0.18	0.111	0.111
LS-30	9/24/2008	15.80	23.22	0.72	0.444	0.444
LS-31	9/24/2008	16.20	25.30	0.15	0.093	0.093
LS-34	9/24/2008	15.58	29.26	0.46	0.284	0.284
LS-38	9/24/2008	17.05	26.00	0.05	0.031	0.031
LSSC-07	9/3/2008	11.60	24.60	0.48	0.296	0.642
	9/9/2008	10.75	24.87	0.21	0.130	
	9/16/2008	11.10	24.90	0.18	0.111	
	9/24/2008	11.50	24.90	0.17	0.105	
LSSC-08I	9/3/2008	13.10	23.30	0.05	0.031	0.062
	9/24/2008	12.98	23.30	0.05	0.031	
LSSC-16I	9/30/2008	9.24	28.40	0.10	0.062	0.062
LSSC-34I	9/24/2008	16.14	30.70	0.03	0.019	0.019

**Total Manual DNAPL Removal for September 2008: 1.748 liters
0.461 gallons**

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-15
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
EPA-01	983.04	9/9/2008	11.94	---	0.00	---	22.65	0.00	971.10
LS-12	985.49	9/24/2008	15.40	---	0.00	27.24	27.42	0.18	970.09
LS-13	990.04	9/24/2008	16.56	16.55	0.01	---	29.11	0.00	973.49
LS-21	983.42	9/24/2008	16.20	15.36	0.84	---	16.78	0.00	968.00
LS-24	986.58	9/9/2008	18.00	---	0.00	---	19.35	0.00	968.58
LS-24	986.58	9/24/2008	18.31	---	0.00	---	19.34	0.00	968.27
LS-30	986.440	9/24/2008	15.80	---	0.00	23.22	23.94	0.72	970.64
LS-31	987.090	9/24/2008	16.20	16.15	0.05	25.30	25.45	0.15	970.94
LS-34	985.79	9/24/2008	15.58	---	0.00	29.26	29.72	0.46	970.21
LS-38	986.95	9/24/2008	17.05	---	0.00	26.00	26.05	0.05	969.90
LS-44	980.78	9/9/2008	9.50	---	0.00	---	23.70	0.00	971.28
LSSC-06	984.91	9/24/2008	16.50	---	0.00	---	23.63	0.00	968.41
LSSC-07	982.48	9/3/2008	11.60	---	0.00	24.60	25.08	0.48	970.88
LSSC-07	982.48	9/9/2008	10.75	---	0.00	24.87	25.08	0.21	971.73
LSSC-07	982.48	9/16/2008	11.10	---	0.00	24.90	25.08	0.18	971.38
LSSC-07	982.48	9/24/2008	11.50	---	0.00	24.90	25.07	0.17	970.98
LSSC-08I	983.13	9/3/2008	13.10	---	0.00	23.30	23.35	0.05	970.03
LSSC-08I	983.13	9/9/2008	12.05	---	0.00	---	23.35	0.00	971.08
LSSC-08I	983.13	9/16/2008	12.53	---	0.00	---	23.34	0.00	970.60
LSSC-08I	983.13	9/24/2008	12.98	---	0.00	23.30	23.35	0.05	970.15
LSSC-08S	983.11	9/9/2008	12.13	---	0.00	---	14.68	0.00	970.98
LSSC-16I	980.88	9/30/2008	9.24	---	0.00	28.40	28.50	0.10	971.64
LSSC-16S	981.37	9/24/2008	10.28	---	0.00	---	14.20	0.00	971.09
LSSC-18	987.32	9/9/2008	18.34	---	0.00	---	22.49	0.00	968.98
LSSC-32	980.68	9/9/2008	9.10	---	0.00	---	35.22	0.00	971.58
LSSC-33	980.49	9/9/2008	8.93	---	0.00	---	29.04	0.00	971.56
LSSC-34I	984.74	9/24/2008	16.14	---	0.00	30.70	30.73	0.03	968.60
LSSC-34S	985.01	9/24/2008	16.20	---	0.00	---	18.96	0.00	968.81
MW-3R	983.54	9/23/2008	10.91	---	0.00	---	15.52	0.00	972.63
RW-1 (R)	985.07	9/3/2008	17.58	---	0.00	---	21.65	0.00	967.49
RW-1 (R)	985.07	9/8/2008	17.56	---	0.00	---	21.65	0.00	967.51
RW-1 (R)	985.07	9/17/2008	17.45	---	0.00	---	21.65	0.00	967.62
RW-1 (R)	985.07	9/23/2008	17.50	---	0.00	P	21.65	< 0.01	967.57
RW-2	987.82	9/3/2008	17.60	---	0.00	---	24.70	0.00	970.22
RW-2	987.82	9/8/2008	17.64	---	0.00	---	24.70	0.00	970.18
RW-2	985.92	9/17/2008	13.83	---	0.00	---	24.70	0.00	972.09
RW-2	985.92	9/23/2008	17.45	---	0.00	---	24.70	0.00	968.47
RW-3	984.08	9/3/2008	14.60	14.58	0.02	---	22.70	0.00	969.50
RW-3	984.08	9/8/2008	14.69	14.67	0.02	---	22.70	0.00	969.41
RW-3	984.08	9/17/2008	15.25	15.24	0.01	---	22.70	0.00	968.84
RW-3	984.08	9/23/2008	15.10	15.08	0.02	---	22.70	0.00	969.00

TABLE 21-15
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	9/3/2008	16.60			See Note 5 regarding depth to water			969.72
BM-2A	986.32	9/10/2008	15.90			See Note 5 regarding depth to water			970.42
BM-2A	986.32	9/17/2008	16.26			See Note 5 regarding depth to water			970.06
BM-2A	986.32	9/26/2008	16.31			See Note 5 regarding depth to water			970.01

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity
3. NA indicates information not available.
4. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
5. A survey reference point (BM-2A) was established on the Lyman Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.

TABLE 21-16
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Recovery System	Date	Total Gallons Recovered
System 2 ⁽¹⁾	September 2007	54.0
	October 2007	67.5
	November 2007	205.0
	December 2007	54.0
	January 2008	67.5
	February 2008	54.0
	March 2008	54.0
	April 2008	67.5
	May 2008	54.0
	June 2008	56.7
	July 2008	0.0
	August 2008	13.5
	September 2008	13.5
Total Automated DNAPL Removal for September 2008:		13.5

Notes:

1. System 2 wells are N2SC-01I(R), N2SC-03I(R), and N2SC-14.

TABLE 21-17
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
September 2008

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	September 2008 Removal (liters)
NS-10	9/24/2008	13.44	13.30	0.14	0.346	0.346

Total LNAPL Removal for September 2008: 0.346 liters
0.091 gallons

Note:

1. ft BMP - feet Below Measuring Point.

TABLE 21-18
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
September 2008

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	September 2008 Removal (liters)
MW-1D	9/24/2008	14.15	38.15	0.58	0.358	0.358
MW-1S	9/24/2008	14.16	22.20	0.16	0.099	0.099
N2SC-01I	9/24/2008	12.45	37.40	2.98	1.839	1.839
N2SC-03I	9/24/2008	10.97	35.70	2.04	1.259	1.259
N2SC-07	9/24/2008	10.73	35.70	0.07	0.043	0.043
N2SC-08	9/24/2008	11.95	39.70	1.60	0.987	0.987
N2SC-13I	9/24/2008	10.65	39.35	0.31	0.191	0.191
NS-30	9/24/2008	10.75	34.90	0.20	0.123	0.123
NS-32	9/24/2008	11.76	37.90	0.14	0.086	0.086

Total DNAPL Removal for September 2008: 4.985 liters
1.315 gallons

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-19
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA1-25	987.19	9/23/2008	13.45	---	0.00	---	17.54	0.00	973.74
GMA1-27	983.29	9/24/2008	9.11	---	0.00	---	16.66	0.00	974.18
MW-1D	987.20	9/24/2008	14.15	---	0.00	38.15	38.73	0.58	973.05
MW-1S	986.60	9/24/2008	14.16	---	0.00	22.20	22.36	0.16	972.44
N2SC-01I	984.99	9/24/2008	12.45	---	0.00	37.40	40.38	2.98	972.54
N2SC-01I(R)	986.01	9/3/2008	16.15	NM	NM	P	42.60	< 0.01	969.86
N2SC-01I(R)	986.01	9/8/2008	16.21	NM	NM	P	42.60	< 0.01	969.80
N2SC-01I(R)	986.01	9/17/2008	15.63	NM	NM	P	42.60	< 0.01	970.38
N2SC-01I(R)	986.01	9/23/2008	16.01	NM	NM	P	42.60	< 0.01	970.00
N2SC-02	985.56	9/24/2008	11.70	---	0.00	---	38.35	0.00	973.86
N2SC-03I	986.24	9/24/2008	10.97	---	0.00	35.70	37.74	2.04	975.27
N2SC-03I(R)	985.86	9/3/2008	14.25	NM	NM	P	41.10	< 0.01	971.61
N2SC-03I(R)	985.86	9/8/2008	14.37	NM	NM	P	41.10	< 0.01	971.49
N2SC-03I(R)	985.86	9/17/2008	13.83	NM	NM	P	41.10	< 0.01	972.03
N2SC-03I(R)	985.86	9/23/2008	14.14	NM	NM	40.80	41.10	0.30	971.72
N2SC-07	984.61	9/24/2008	10.73	---	0.00	35.70	35.77	0.07	973.88
N2SC-07S	982.93	9/24/2008	11.31	---	0.00	---	19.29	0.00	971.62
N2SC-08	986.07	9/24/2008	11.95	---	0.00	39.70	41.30	1.60	974.12
N2SC-09I	987.77	9/24/2008	10.30	---	0.00	---	38.84	0.00	977.47
N2SC-09S	982.75	9/24/2008	9.65	---	0.00	---	13.15	0.00	973.10
N2SC-13I	984.75	9/24/2008	10.65	---	0.00	39.35	39.66	0.31	974.10
N2SC-14	985.06	9/3/2008	14.95	NM	NM	39.30	40.00	0.70	970.11
N2SC-14	985.06	9/8/2008	15.03	NM	NM	39.70	40.00	0.30	970.03
N2SC-14	985.06	9/17/2008	14.27	NM	NM	40.00	40.01	0.01	970.79
N2SC-14	985.06	9/23/2008	14.83	NM	NM	39.40	40.00	0.60	970.23
NS-10	987.14	9/24/2008	13.44	13.30	0.14	---	21.59	0.00	973.83
NS-30	985.99	9/24/2008	10.75	---	0.00	34.90	35.10	0.20	975.24
NS-32	986.20	9/24/2008	11.76	---	0.00	37.90	38.04	0.14	974.44

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NM indicates information not measured.
4. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.

TABLE 21-20
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Staff Gauge within Silver Lake									
BM-SL-5	980.30	9/3/2008	4.64	See Note 3 regarding depth to water					975.66
BM-SL-5	980.27	9/10/2008	4.27	See Note 3 regarding depth to water					976.00
BM-SL-5	980.27	9/17/2008	4.48	See Note 3 regarding depth to water					975.79
BM-SL-5	980.27	9/26/2008	4.38	See Note 3 regarding depth to water					975.89

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. Survey reference point BM-SL-5 was established on the former Silver Lake staff gauge support structure following destruction of the gauge due to ice. The "Depth to Water" value(s) provided in the above table refer to the vertical distance as measured down from the surveyed reference point to the water surface.
4. Additional groundwater elevation data may also be collected from wells near Silver Lake that are located in the 30s Complex and at the Lyman Street Area. If available, those results are presented in the monitoring tables for those Removal Action Areas.

**TABLE 21-21
SILVER LAKE OUTLET CALCULATED DISCHARGE
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1**

**CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008**

Date	Gage Measurement (ft)	Calculated Flow (cfs)
8/26/2008	3.38	0.55

Notes:

1. Calculated flow estimated using rating curves developed based on measurements taken at the outfall from March 2007 through May 2007 and September 2007.
2. Beginning December 2007, the grate reading is collected as the primary gage measurement.

ITEM 22
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS J & K (GMA 2)
(GEC320)
SEPTEMBER 2008

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

Continued routine river elevation monitoring.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Conduct Fall 2008 groundwater elevation monitoring event.
- Perform Fall 2008 long-term groundwater sampling round.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Modifications to the GMA 2 groundwater quality monitoring program were proposed in the Spring 2008 Monitoring Event Evaluation Report (August 1, 2008) and will be implemented following EPA approval.

TABLE 22-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Foot Bridge)									
GMA2-SG-1	989.82	9/17/2008	16.95	See Note 2 regarding depth to water					972.87

Notes:

1. ft BMP - feet Below Measuring Point.
2. A survey reference point was established on the Oxbow J & K foot bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.

**ITEM 23
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
SEPTEMBER 2008**

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

- Conducted routine groundwater elevation and NAPL monitoring activities. Approximately 15.1 gallons of LNAPL were removed by the automatic skimmer located in well 51-21, and approximately 0.3 gallon of LNAPL was removed by the automatic skimmer located in well GMA3-17 (see Table 23-1). An additional 6.973 liters (1.84 gallons) of LNAPL were manually removed from the wells in this area during September (see Table 23-2).
- Conducted Fall 2008 NAPL bailing round.
- Performed well repairs/redevelopment at selected wells, based on information on well conditions recorded during spring 2008 activities.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue routine groundwater and NAPL monitoring/recovery activities.
- Conduct Fall 2008 groundwater elevation and NAPL monitoring event.
- Perform Fall 2008 interim groundwater sampling round.
- Conduct sub-slab and indoor air sampling at Buildings 51 and 59.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Modifications to the GMA 3 groundwater quality and NAPL monitoring program were proposed in the Spring 2008 Groundwater Quality and NAPL Monitoring Interim Report (August 29, 2008) and will be implemented following EPA approval.

TABLE 23-1
AUTOMATED LNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
GROUNDWATER MANAGEMENT AREA 3
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Recovery Well	Month	Vol. LNAPL Collected (gallons)
51-21	September 2007	35.0
	October 2007	25.9
	November 2007	18.2
	December 2007	12.2
	January 2008	3.7
	February 2008	4.2
	March 2008	1.4
	April 2008	1.6
	May 2008	1.4
	June 2008	0.5
	July 2008	4.4
	August 2008	1.8
	September 2008	15.1
GMA3-17	February 2008	5.1
	March 2008	6.5
	April 2008	2.7
	May 2008	0.2
	June 2008	0.0
	July 2008	0.2
	August 2008	0.6
	September 2008	0.3

Notes:

1. Recovery Well GMA3-17 was placed into service on February 7, 2008.

TABLE 23-2
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
GROUNDWATER MANAGEMENT AREA 3
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	September 2008 Removal (liters)
51-08	9/2/2008	12.44	11.25	1.19	0.734	2.869
	9/9/2008	12.36	11.20	1.16	0.716	
	9/16/2008	12.30	11.10	1.20	0.740	
	9/26/2008	12.25	11.15	1.10	0.679	
51-15	9/26/2008	10.48	10.45	0.03	0.019	0.019
51-16R	9/26/2008	10.80	10.60	0.20	0.123	0.123
51-17	9/26/2008	11.58	10.40	1.18	0.728	0.728
51-19	9/26/2008	11.03	10.81	0.22	0.136	0.136
59-03R	9/26/2008	12.98	11.70	1.28	0.790	0.790
59-07	9/26/2008	12.07	12.05	0.02	0.012	0.012
GMA3-10	9/2/2008	11.98	11.50	0.48	0.296	0.426
	9/26/2008	11.81	11.60	0.21	0.130	
GMA3-12	9/16/2008	12.11	11.83	0.28	0.692	1.681
	9/26/2008	12.30	11.90	0.40	0.989	
GMA3-13	9/2/2008	11.93	11.70	0.23	0.142	0.172
	9/9/2008	11.77	11.75	0.02	0.012	
	9/16/2008	11.72	11.70	0.02	0.012	
	9/26/2008	11.81	11.80	0.01	0.006	
UB-PZ-3	9/26/2008	12.50	12.45	0.05	0.017	0.017

Total LNAPL Removed for September 2008: 6.973 liters
1.840 Gallons

Notes:

1. ft BMP - feet Below Measuring Point.

**TABLE 23-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
51-05	996.44	9/26/2008	Well is submerged under water				NA	NA	NA
51-06	997.36	9/15/2008	11.03	---	0.00	---	14.36	0.00	986.33
51-07	997.08	9/30/2008	11.00	---	0.00	---	11.41	0.00	986.08
51-08	997.08	9/2/2008	12.44	11.25	1.19	---	14.61	0.00	985.75
51-08	997.08	9/9/2008	12.36	11.20	1.16	---	14.61	0.00	985.80
51-08	997.70	9/16/2008	12.30	11.10	1.20	---	14.60	0.00	986.52
51-08	997.08	9/26/2008	12.25	11.15	1.10	---	14.60	0.00	985.85
51-09	997.70	9/15/2008	11.30	---	0.00	---	11.58	0.00	986.40
51-09	997.70	9/30/2008	Dry at 12.59 (feet BMP)				12.59	0.00	NA
51-11	994.37	9/15/2008	8.45	---	0.00	---	13.55	0.00	985.92
51-12	996.55	9/15/2008	7.73	---	0.00	---	13.34	0.00	988.82
51-13	996.77	9/15/2008	Dry at 9.82 (feet BMP)				9.82	0.00	NA
51-14	996.77	9/15/2008	11.00	---	0.00	---	14.68	0.00	985.77
51-14	996.77	9/30/2008	11.11	---	0.00	---	14.98	0.00	985.66
51-15	996.43	9/26/2008	10.48	10.45	0.03	---	14.40	0.00	985.98
51-16R	996.39	9/26/2008	10.80	10.60	0.20	---	14.50	0.00	985.78
51-17	996.43	9/26/2008	11.58	10.40	1.18	---	14.50	0.00	985.95
51-18	997.12	9/15/2008	11.15	---	0.00	---	12.60	0.00	985.97
51-19	996.43	9/26/2008	11.03	10.81	0.22	---	14.02	0.00	985.60
51-21	1001.49	9/3/2008	15.94	P	< 0.01	---	NM	0.00	985.55
51-21	1001.49	9/8/2008	15.80	15.79	0.01	---	NM	0.00	985.70
51-21	1001.49	9/17/2008	15.60	P	< 0.01	---	NM	0.00	985.89
51-21	1001.49	9/23/2008	15.77	P	< 0.01	---	NM	0.00	985.72
59-01	997.52	9/26/2008	Dry at 11.44 (feet BMP)				11.44	0.00	NA
59-01	997.52	9/29/2008	12.02	---	0.00	---	13.88	0.00	985.50
59-03R	997.64	9/26/2008	12.98	11.70	1.28	---	17.02	0.00	985.85
59-07	997.96	9/26/2008	12.07	12.05	0.02	---	23.50	0.00	985.91
078B-R	988.83	9/15/2008	0.72	---	0.00	---	11.74	0.00	988.11
GMA3-4	994.60	9/30/2008	7.20	---	0.00	---	13.33	0.00	987.40
GMA3-10	997.54	9/2/2008	11.98	11.50	0.48	---	17.73	0.00	986.01
GMA3-10	997.54	9/9/2008	11.68	11.56	0.12	---	17.73	0.00	985.97
GMA3-10	997.54	9/16/2008	11.68	11.53	0.15	---	17.73	0.00	986.00
GMA3-10	997.54	9/26/2008	11.81	11.60	0.21	---	17.71	0.00	985.93
GMA3-11	997.25	9/15/2008	10.90	---	0.00	---	17.94	0.00	986.35
GMA3-12	997.84	9/2/2008	12.10	11.88	0.22	---	21.21	0.00	985.94
GMA3-12	997.84	9/9/2008	12.10	11.89	0.21	---	21.22	0.00	985.94

**TABLE 23-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008**

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA3-12	997.84	9/16/2008	12.11	11.83	0.28	---	21.23	0.00	985.99
GMA3-12	997.84	9/26/2008	12.30	11.90	0.40	---	21.22	0.00	985.91
GMA3-13	997.73	9/2/2008	11.93	11.70	0.23	---	17.40	0.00	986.01
GMA3-13	997.73	9/9/2008	11.77	11.75	0.02	---	17.40	0.00	985.98
GMA3-13	997.73	9/16/2008	11.72	11.70	0.02	---	17.40	0.00	986.03
GMA3-13	997.73	9/26/2008	11.81	11.80	0.01	---	17.40	0.00	985.93
GMA3-14	997.42	9/15/2008	10.98	---	0.00	---	16.48	0.00	986.44
GMA3-16	989.26	9/15/2008	0.74	---	0.00	---	12.26	0.00	988.52
GMA3-16	989.26	9/26/2008	0.73	---	0.00	---	12.25	0.00	988.53
GMA3-17	1002.00	9/3/2008	17.40	P	< 0.01	---	NM	0.00	984.60
GMA3-17	1002.00	9/8/2008	17.40	P	< 0.01	---	NM	0.00	984.60
GMA3-17	1002.00	9/17/2008	17.25	P	< 0.01	---	NM	NM	984.75
GMA3-17	1002.00	9/23/2008	17.35	P	< 0.01	---	NM	NM	984.65
UB-MW-10	995.99	9/15/2008	10.05	---	0.00	---	14.30	0.00	985.94
UB-PZ-3	998.15	9/26/2008	12.50	12.45	0.05	---	13.42	0.00	985.70

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity
3. NA indicates information not available
4. NM indicates information not measured
5. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.

**ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GEC340)
SEPTEMBER 2008**

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

- Conducted routine groundwater elevation monitoring activities.
- Conducted sampling of soil and decontamination water related to installation of OPCA-MW-IRR and OPCA-MW-2R, as identified on Table 24-1.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue routine monthly monitoring at well GMA4-3.
- Conduct Fall 2008 groundwater elevation monitoring event.
- Perform Fall 2008 interim/OPCA sampling round.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

Modifications to the GMA 4 groundwater quality monitoring program were proposed in the GMA 4 Groundwater Quality Monitoring Interim Report for Spring 2008 (August 29, 2008) and will be implemented following EPA approval.

**TABLE 24-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Building 78 Decon Water for Tools & Equipment	E1998-1	9/15/08	Water	SGS	PCB	9/18/08
Decon Water Generated from Installation Of OPCA-MW-1RR and OPCA-MW-2R Wells	B2180-1	9/9/08	Water	SGS	PCB	9/24/08
Soil Generated from Installation of OPCA-MW-1RR Well	OPCA1RR-1	9/9/08	Soil	SGS	PCB, TCLP - Excludes Pest, Herb	9/24/08
Soil Generated from Installation of OPCA-MW-2R Well	OPCA2R-1	9/9/08	Soil	SGS	PCB, TCLP - Excludes Pest, Herb	9/24/08

TABLE 24-2
PCB DATA RECEIVED DURING SEPTEMBER 2008

BUILDING 78 DECON WATER FOR TOOLS AND EQUIPMENT
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
E1998-1	9/15/2008	ND(0.000066)	0.00032	0.00010	0.00042

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

**TABLE 24-3
PCB DATA RECEIVED DURING SEPTEMBER 2008**

**SOIL GENERATED FROM INSTALLATION OF OPCA-MW-1RR AND OPCA-MW-2R WELLS
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)**

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
OPCA1RR-1	9/9/2008	ND(0.035)	ND(0.035)	0.021 J	0.021 J
OPCA2R-1	9/9/2008	ND(0.17)	0.50	0.57	1.07

Notes:

1. Samples were collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 24-4 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

J - Indicates an estimated value less than the practical quantitation limit (PQL).

**TABLE 24-4
TCLP DATA RECEIVED DURING SEPTEMBER 2008**

**SOIL GENERATED FROM INSTALLATION OF OPCA-MW-1RR AND OPCA-MW-2R WELLS
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	TCLP Regulatory Limits	OPCA1RR-1 9/9/2008	OPCA2R-1 9/9/2008
Volatile Organics				
1,1-Dichloroethene		0.7	ND(0.010)	ND(0.010)
1,2-Dichloroethane		0.5	ND(0.010)	ND(0.010)
2-Butanone		200	ND(0.25)	ND(0.25)
Benzene		0.5	ND(0.010)	ND(0.010)
Carbon Tetrachloride		0.5	ND(0.010)	ND(0.010)
Chlorobenzene		100	ND(0.010)	ND(0.010)
Chloroform		6	ND(0.010)	ND(0.010)
Tetrachloroethene		0.7	ND(0.010)	ND(0.010)
Trichloroethene		0.5	ND(0.010)	ND(0.010)
Vinyl Chloride		0.2	ND(0.010)	ND(0.010)
Semivolatile Organics				
1,4-Dichlorobenzene		7.5	ND(0.0060)	ND(0.0060)
2,4,5-Trichlorophenol		400	ND(0.0060)	ND(0.0060)
2,4,6-Trichlorophenol		2	ND(0.0060)	ND(0.0060)
2,4-Dinitrotoluene		0.13	ND(0.0060)	ND(0.0060)
Cresol		200	ND(0.0060)	ND(0.0060)
Hexachlorobenzene		0.13	ND(0.0060)	ND(0.0060)
Hexachlorobutadiene		0.5	ND(0.0060)	ND(0.0060)
Hexachloroethane		3	ND(0.0060)	ND(0.0060)
Nitrobenzene		2	ND(0.0060)	ND(0.0060)
Pentachlorophenol		100	ND(0.030)	ND(0.030)
Pyridine		5	ND(0.0060)	ND(0.0060)
Inorganics				
Arsenic		5	ND(0.200)	ND(0.200)
Barium		100	0.432 B	0.308 B
Cadmium		1	ND(0.100)	ND(0.100)
Chromium		5	0.0340 B	0.0253 B
Lead		5	0.0734 B	0.0742 B
Mercury		0.2	ND(0.000570)	ND(0.000570)
Selenium		1	ND(0.200)	ND(0.200)
Silver		5	0.0354 B	0.0315 B

Notes:

1. Samples were collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 24-3 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

TABLE 24-5
PCB DATA RECEIVED DURING SEPTEMBER 2008

DECON WATER GENERATED FROM INSTALLATION OF OPCA-MW-1RR AND OPCA-MW-2R WELLS
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
B2180-1	9/9/2008	ND(0.000066)	0.00037	0.0014	0.00177

Notes:

1. Sample was collected by Veolia ES Technical Solutions, L.L.C. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 24-6
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
September 2008

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA4-3	1,003.95	9/15/2008	17.93	---	0.00	---	26.24	0.00	986.02

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.

ITEM 25
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS A & C (GMA 5)
(GEC350)
SEPTEMBER 2008

* All activities described below for this item were conducted pursuant to the Consent Decree.

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Conduct Fall 2008 groundwater elevation monitoring event.
- Perform Fall 2008 long-term groundwater sampling round.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

Modifications to the GMA 5 groundwater quality monitoring program were proposed in the Spring 2008 Monitoring Event Evaluation Report (August 22, 2008) and will be implemented following EPA approval.

ARCADIS

Attachment A

NPDES Sampling Records
and Results – September 2008

**TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
NPDES Sampling	001-A9268	9/2/08	Water	Columbia	Oil & Grease	9/10/08
NPDES Sampling	001-A9270	9/2/08	Water	Columbia	TSS	9/10/08
NPDES Sampling	001-A9271	9/2/08	Water	Accutest	PCB	9/22/08
NPDES Sampling	005-A9217/A9221	8/11/08	Water	Accutest	PCB	9/9/08
NPDES Sampling	005-A9241/A9244	8/18/08	Water	Accutest	PCB	9/9/08
NPDES Sampling	005-A9257/A9260	8/25/08	Water	Accutest	PCB	9/9/08
NPDES Sampling	005-A9274/A9278	9/2/08	Water	Accutest	BOD	9/19/08
NPDES Sampling	005-A9274/A9278	9/2/08	Water	Columbia	TSS	9/10/08
NPDES Sampling	005-A9275/A9279	9/2/08	Water	Accutest	PCB	9/19/08
NPDES Sampling	005-A9287/A9290	9/8/08	Water	Accutest	PCB	9/26/08
NPDES Sampling	005-A9315/A9319	9/15/08	Water	Accutest	PCB	
NPDES Sampling	005-A9343/A9347	9/22/08	Water	Accutest	PCB	
NPDES Sampling	005-A9357/A9360	9/29/08	Water	Accutest	PCB	
NPDES Sampling	09B-A9231	8/14/08	Water	Accutest	BOD	9/11/08
NPDES Sampling	09B-A9247	8/18/08	Water	Accutest	BOD	9/9/08
NPDES Sampling	09B-A9252	8/24/08	Water	Columbia	TSS	9/3/08
NPDES Sampling	09B-A9262	8/25/08	Water	Accutest	BOD	9/9/08
NPDES Sampling	09B-A9267	8/31/08	Water	Columbia	TSS	9/10/08
NPDES Sampling	09B-A9280	9/2/08	Water	Accutest	BOD	9/19/08
NPDES Sampling	09B-A9283	9/7/08	Water	Columbia	TSS	9/17/08
NPDES Sampling	09B-A9294	9/8/08	Water	Accutest	BOD	9/26/08
NPDES Sampling	09B-A9311	9/14/08	Water	Columbia	TSS	9/24/08
NPDES Sampling	09B-A9322	9/15/08	Water	Accutest	BOD	
NPDES Sampling	09B-A9336	9/21/08	Water	Columbia	TSS	9/30/08
NPDES Sampling	09B-A9350	9/22/08	Water	Accutest	BOD	
NPDES Sampling	09B-A9351	9/28/08	Water	Columbia	TSS	
NPDES Sampling	09B-A9362	9/29/08	Water	Accutest	BOD	
NPDES Sampling	09C-A9263	8/27/08	Water	Columbia	Oil & Grease	9/8/08
NPDES Sampling	09C-A9265	8/31/08	Water	Columbia	Oil & Grease	9/10/08
NPDES Sampling	09C-A9281	9/7/08	Water	Columbia	Oil & Grease	9/17/08
NPDES Sampling	09C-A9309	9/14/08	Water	Columbia	Oil & Grease	9/24/08
NPDES Sampling	09C-A9337	9/21/08	Water	Columbia	Oil & Grease	9/30/08
NPDES Sampling	09C-A9352	9/28/08	Water	Columbia	Oil & Grease	
NPDES Sampling	64G-A9258	8/25/08	Water	Columbia	Oil & Grease	9/3/08
NPDES Sampling	64G-A9276	9/2/08	Water	Columbia	Oil & Grease	9/10/08
NPDES Sampling	64G-A9288	9/8/08	Water	Columbia	Oil & Grease	9/17/08

**TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
NPDES Sampling	64G-A9317	9/15/08	Water	Columbia	Oil & Grease	9/24/08
NPDES Sampling	64G-A9345	9/22/08	Water	Columbia	Oil & Grease	9/30/08
NPDES Sampling	64G-A9358	9/29/08	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A9254	8/25/08	Water	Columbia	Oil & Grease	9/3/08
NPDES Sampling	64T-A9272	9/2/08	Water	Columbia	Oil & Grease	9/10/08
NPDES Sampling	64T-A9285	9/8/08	Water	Columbia	Oil & Grease	9/17/08
NPDES Sampling	64T-A9313	9/15/08	Water	Columbia	Oil & Grease	9/24/08
NPDES Sampling	64T-A9341	9/22/08	Water	Columbia	Oil & Grease	9/30/08
NPDES Sampling	64T-A9355	9/29/08	Water	Columbia	Oil & Grease	
NPDES Sampling	A9207C	8/11/08	Water	Aquatec	Acute Toxicity Test	9/9/08
NPDES Sampling	A9208R	8/11/08	Water	Aquatec	Acute Toxicity Test	9/9/08
NPDES Sampling	A9250C	9/8/08	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A9250C	9/8/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9250CCN	9/8/08	Water	Columbia	CN	9/18/08
NPDES Sampling	A9250CCN-Filter	9/8/08	Water	Columbia	CN	9/18/08
NPDES Sampling	A9250CDM	9/8/08	Water	Columbia	Filtered Metals (8)	9/18/08
NPDES Sampling	A9250CTM	9/8/08	Water	Columbia	Metals (10)	9/18/08
NPDES Sampling	A9251R	9/8/08	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A9251R	9/8/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9251RCN	9/8/08	Water	Columbia	CN	9/18/08
NPDES Sampling	A9251RCN-Filter	9/8/08	Water	Columbia	CN	9/18/08
NPDES Sampling	A9251RTM	9/8/08	Water	Columbia	Metals (10)	9/18/08
NPDES Sampling	A9295C	9/10/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9295CCN	9/10/08	Water	Columbia	CN	9/18/08
NPDES Sampling	A9295CCN-Filter	9/10/08	Water	Columbia	CN	9/18/08
NPDES Sampling	A9295CDM	9/10/08	Water	Columbia	Filtered Metals (8)	9/18/08
NPDES Sampling	A9295CTM	9/10/08	Water	Columbia	Metals (10)	9/18/08
NPDES Sampling	A9296R	9/10/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9296RCN	9/10/08	Water	Columbia	CN	9/18/08
NPDES Sampling	A9296RCN-Filter	9/10/08	Water	Columbia	CN	9/18/08
NPDES Sampling	A9296RTM	9/10/08	Water	Columbia	Metals (10)	9/18/08
NPDES Sampling	A9307C	9/15/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9307CCN	9/15/08	Water	Columbia	CN	9/24/08
NPDES Sampling	A9307CCN-FILTER	9/15/08	Water	Columbia	CN	9/24/08
NPDES Sampling	A9307CDM	9/15/08	Water	Columbia	Filtered Metals (8)	9/24/08
NPDES Sampling	A9307CTM	9/15/08	Water	Columbia	Metals (10)	9/24/08

**TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
NPDES Sampling	A9308R	9/15/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9308RCN	9/15/08	Water	Columbia	CN	9/24/08
NPDES Sampling	A9308RCN-FILTER	9/15/08	Water	Columbia	CN	9/24/08
NPDES Sampling	A9308RTM	9/15/08	Water	Columbia	Metals (10)	9/24/08
NPDES Sampling	A9323C	9/17/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9323CCN	9/17/08	Water	Columbia	CN	
NPDES Sampling	A9323CCN-FILTER	9/17/08	Water	Columbia	CN	
NPDES Sampling	A9323CDM	9/17/08	Water	Columbia	Filtered Metals (8)	
NPDES Sampling	A9323CTM	9/17/08	Water	Columbia	Metals (10)	
NPDES Sampling	A9324R	9/17/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9324RCN	9/17/08	Water	Columbia	CN	
NPDES Sampling	A9324RCN-FILTER	9/17/08	Water	Columbia	CN	
NPDES Sampling	A9324RTM	9/17/08	Water	Columbia	Metals (10)	
NPDES Sampling	A9329C	9/19/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9329CCN	9/19/08	Water	Columbia	CN	9/30/08
NPDES Sampling	A9329CCN-FILTER	9/19/08	Water	Columbia	CN	9/30/08
NPDES Sampling	A9329CDM	9/19/08	Water	Columbia	Filtered Metals (8)	9/30/08
NPDES Sampling	A9329CTM	9/19/08	Water	Columbia	Metals (10)	9/30/08
NPDES Sampling	A9330R	9/19/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9330RCN	9/19/08	Water	Columbia	CN	9/30/08
NPDES Sampling	A9330RCN-FILTER	9/19/08	Water	Columbia	CN	9/30/08
NPDES Sampling	A9330RTM	9/19/08	Water	Columbia	Metals (10)	9/30/08
NPDES Sampling	A9339C	9/22/08	Water	SGS	Chronic Toxicity Test	
NPDES Sampling	A9340R	9/22/08	Water	SGS	Chronic Toxicity Test	
NPDES Sampling	AUG08WK5	8/25/08	Water	Columbia	Cu, Pb, Zn	9/3/08
NPDES Sampling	OCT08WK1	9/29/08	Water	Columbia	Cu, Pb, Zn	
NPDES Sampling	SEPT08WK1	9/2/08	Water	Columbia	Cu, Pb, Zn	9/10/08
NPDES Sampling	SEPT08WK4	9/22/08	Water	Columbia	Cu, Pb, Zn	9/30/08

**TABLE A-2
DATA RECEIVED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	001-A9268 09/02/08	001-A9270 09/02/08	001-A9271 09/02/08	005-A9217/A9221 08/11/08	005-A9241/A9244 08/18/08	005-A9257/A9260 08/25/08
PCBs-Unfiltered							
None Detected		NA	NA	--	--	--	--
Inorganics-Unfiltered							
Aluminum		NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA
Inorganics-Filtered							
Aluminum		NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA
Conventionals							
Biological Oxygen Demand (5-day)		NA	NA	NA	NA	NA	NA
Oil & Grease		ND(5.0)	NA	NA	NA	NA	NA
Total Suspended Solids		NA	2.10	NA	NA	NA	NA

**TABLE A-2
DATA RECEIVED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	005-A9274/A9278 09/02/08	005-A9275/A9279 09/02/08	005-A9287/A9290 09/08/08	09B-A9231 08/14/08	09B-A9247 08/18/08	09B-A9252 08/24/08	09B-A9262 08/25/08
PCBs-Unfiltered								
None Detected		NA	--	--	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum		NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered								
Aluminum		NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)		ND(2.0)	NA	NA	ND(2.0)	ND(2.0)	NA	6.9
Oil & Grease		NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids		ND(1.00)	NA	NA	NA	NA	2.90	NA

**TABLE A-2
DATA RECEIVED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	09B-A9267 08/31/08	09B-A9280 09/02/08	09B-A9283 09/07/08	09B-A9294 09/08/08	09B-A9311 09/14/08	09B-A9336 09/21/08	09C-A9263 08/27/08	09C-A9265 08/31/08
PCBs-Unfiltered									
None Detected		NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)		NA	2.7	NA	ND(2.0)	NA	NA	NA	NA
Oil & Grease		NA	NA	NA	NA	NA	NA	ND(5.0)	ND(5.0)
Total Suspended Solids		1.90	NA	1.60	NA	2.70	11.1	NA	NA

**TABLE A-2
DATA RECEIVED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	09C-A9281 09/07/08	09C-A9309 09/14/08	09C-A9337 09/21/08	64G-A9258 08/25/08	64G-A9276 09/02/08	64G-A9288 09/08/08	64G-A9317 09/15/08	64G-A9345 09/22/08
PCBs-Unfiltered									
None Detected		NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)		NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA	NA

**TABLE A-2
DATA RECEIVED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	64T-A9254 08/25/08	64T-A9272 09/02/08	64T-A9285 09/08/08	64T-A9313 09/15/08	64T-A9341 09/22/08	A9250CCN 09/08/08	A9250CCN-Filter 09/08/08	A9250CDM 09/08/08
PCBs-Unfiltered									
None Detected		NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	0.0258	ND(0.0100)	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum		NA	NA	NA	NA	NA	NA	NA	ND(0.0200)
Cadmium		NA	NA	NA	NA	NA	NA	NA	ND(0.000500)
Chromium		NA	NA	NA	NA	NA	NA	NA	ND(0.00200)
Copper		NA	NA	NA	NA	NA	NA	NA	0.00230
Lead		NA	NA	NA	NA	NA	NA	NA	ND(0.000500)
Nickel		NA	NA	NA	NA	NA	NA	NA	0.00170
Silver		NA	NA	NA	NA	NA	NA	NA	ND(0.00100)
Zinc		NA	NA	NA	NA	NA	NA	NA	0.0256
Conventionals									
Biological Oxygen Demand (5-day)		NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease		ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA	NA
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA	NA

**TABLE A-2
DATA RECEIVED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	A9250CTM 09/08/08	A9251RCN 09/08/08	A9251RCN-Filter 09/08/08	A9251RTM 09/08/08	A9295CCN 09/10/08	A9295CCN-Filter 09/10/08	A9295CDM 09/10/08
PCBs-Unfiltered								
None Detected		NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum		0.0300 B	NA	NA	0.146	NA	NA	NA
Cadmium		ND(0.000500)	NA	NA	ND(0.000500)	NA	NA	NA
Calcium		61.8	NA	NA	14.4	NA	NA	NA
Chromium		ND(0.00200)	NA	NA	ND(0.00200)	NA	NA	NA
Copper		0.00410	NA	NA	0.00120	NA	NA	NA
Cyanide		NA	ND(0.0100)	ND(0.0100)	NA	0.0107	ND(0.0100)	NA
Lead		0.000862	NA	NA	0.000609	NA	NA	NA
Magnesium		26.0	NA	NA	5.32	NA	NA	NA
Nickel		0.00190	NA	NA	ND(0.00100)	NA	NA	NA
Silver		ND(0.00100)	NA	NA	ND(0.00100)	NA	NA	NA
Zinc		0.0149	NA	NA	ND(0.00500)	NA	NA	NA
Inorganics-Filtered								
Aluminum		NA	NA	NA	NA	NA	NA	ND(0.0200)
Cadmium		NA	NA	NA	NA	NA	NA	ND(0.000500)
Chromium		NA	NA	NA	NA	NA	NA	ND(0.00200)
Copper		NA	NA	NA	NA	NA	NA	0.00310
Lead		NA	NA	NA	NA	NA	NA	ND(0.000500)
Nickel		NA	NA	NA	NA	NA	NA	0.00160
Silver		NA	NA	NA	NA	NA	NA	ND(0.00100)
Zinc		NA	NA	NA	NA	NA	NA	0.0425
Conventionals								
Biological Oxygen Demand (5-day)		NA	NA	NA	NA	NA	NA	NA
Oil & Grease		NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA

**TABLE A-2
DATA RECEIVED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	A9295CTM 09/10/08	A9296RCN 09/10/08	A9296RCN-Filter 09/10/08	A9296RTM 09/10/08	A9307CCN 09/15/08	A9307CCN-Filter 09/15/08	A9307CDM 09/15/08
PCBs-Unfiltered								
None Detected		NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum		0.0591	NA	NA	0.0770	NA	NA	NA
Cadmium		ND(0.000500)	NA	NA	ND(0.000500)	NA	NA	NA
Calcium		44.7	NA	NA	13.4	NA	NA	NA
Chromium		ND(0.00200)	NA	NA	ND(0.00200)	NA	NA	NA
Copper		0.00690	NA	NA	0.00100	NA	NA	NA
Cyanide		NA	ND(0.0100)	0.0195	NA	0.0161	ND(0.0100)	NA
Lead		0.00250	NA	NA	0.000506	NA	NA	NA
Magnesium		17.2	NA	NA	4.97	NA	NA	NA
Nickel		0.00170	NA	NA	ND(0.00100)	NA	NA	NA
Silver		ND(0.00100)	NA	NA	ND(0.00100)	NA	NA	NA
Zinc		0.0374	NA	NA	ND(0.00500)	NA	NA	NA
Inorganics-Filtered								
Aluminum		NA	NA	NA	NA	NA	NA	ND(0.0200)
Cadmium		NA	NA	NA	NA	NA	NA	ND(0.000500)
Chromium		NA	NA	NA	NA	NA	NA	ND(0.00200)
Copper		NA	NA	NA	NA	NA	NA	0.00280
Lead		NA	NA	NA	NA	NA	NA	ND(0.000500)
Nickel		NA	NA	NA	NA	NA	NA	0.00170
Silver		NA	NA	NA	NA	NA	NA	ND(0.00100)
Zinc		NA	NA	NA	NA	NA	NA	0.0360
Conventionals								
Biological Oxygen Demand (5-day)		NA	NA	NA	NA	NA	NA	NA
Oil & Grease		NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA

**TABLE A-2
DATA RECEIVED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	A9307CTM 09/15/08	A9308RCN 09/15/08	A9308RCN-Filter 09/15/08	A9308RTM 09/15/08	A9329CCN 09/19/08	A9329CCN-FILTER 09/19/08	A9329CDM 09/19/08
PCBs-Unfiltered								
None Detected		NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum		0.0374	NA	NA	0.0565	NA	NA	NA
Cadmium		ND(0.000500)	NA	NA	ND(0.000500)	NA	NA	NA
Calcium		52.0	NA	NA	16.6	NA	NA	NA
Chromium		ND(0.00200)	NA	NA	ND(0.00200)	NA	NA	NA
Copper		0.00540	NA	NA	ND(0.00100)	NA	NA	NA
Cyanide		NA	ND(0.0100)	ND(0.0100)	NA	0.0360	ND(0.0100)	NA
Lead		0.00220	NA	NA	ND(0.000500)	NA	NA	NA
Magnesium		20.8	NA	NA	6.02	NA	NA	NA
Nickel		0.00200	NA	NA	ND(0.00100)	NA	NA	NA
Silver		ND(0.00100)	NA	NA	ND(0.00100)	NA	NA	NA
Zinc		0.0266	NA	NA	0.00540	NA	NA	NA
Inorganics-Filtered								
Aluminum		NA	NA	NA	NA	NA	NA	ND(0.0200)
Cadmium		NA	NA	NA	NA	NA	NA	ND(0.000500)
Chromium		NA	NA	NA	NA	NA	NA	ND(0.00200)
Copper		NA	NA	NA	NA	NA	NA	0.00308
Lead		NA	NA	NA	NA	NA	NA	ND(0.000500)
Nickel		NA	NA	NA	NA	NA	NA	0.00252
Silver		NA	NA	NA	NA	NA	NA	ND(0.00100)
Zinc		NA	NA	NA	NA	NA	NA	0.0226
Conventionals								
Biological Oxygen Demand (5-day)		NA	NA	NA	NA	NA	NA	NA
Oil & Grease		NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA

**TABLE A-2
DATA RECEIVED DURING SEPTEMBER 2008**

**NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	A9329CTM 09/19/08	A9330RCN 09/19/08	A9330RCN-FILTER 09/19/08	A9330RTM 09/19/08	AUG08WK5 08/25/08	SEPT08WK1 09/02/08	SEPT08WK4 09/22/08
PCBs-Unfiltered								
None Detected		NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum		ND(0.0200)	NA	NA	ND(0.0200)	NA	NA	NA
Cadmium		ND(0.000500)	NA	NA	ND(0.000500)	NA	NA	NA
Calcium		81.5	NA	NA	22.8	NA	NA	NA
Chromium		ND(0.00200)	NA	NA	ND(0.00200)	NA	NA	NA
Copper		0.00312	NA	NA	0.00110	ND(0.0200)	ND(0.0200)	ND(0.0200)
Cyanide		NA	ND(0.0100)	ND(0.0100)	NA	NA	NA	NA
Lead		ND(0.000500)	NA	NA	ND(0.000500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Magnesium		36.6	NA	NA	8.53	NA	NA	NA
Nickel		0.00231	NA	NA	ND(0.00100)	NA	NA	NA
Silver		ND(0.00100)	NA	NA	ND(0.00100)	NA	NA	NA
Zinc		0.00604	NA	NA	0.00550	0.0211	ND(0.0200)	ND(0.0200)
Inorganics-Filtered								
Aluminum		NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)		NA	NA	NA	NA	NA	NA	NA
Oil & Grease		NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA

Notes:

1. Samples were collected by General Electric Company, and were submitted to Accutest Laboratories and Columbia Analytical Services, Inc. for analysis of PCBs, cyanide, TSS, BOD, oil & grease, and metals (filtered and unfiltered).
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. With the exception of inorganics and conventional parameters, only those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Inorganics and Conventionals

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

ARCADIS

Attachment B

NPDES Discharge
Monitoring Reports
August 2008

CHAIN OF CUSTODY FORM NPDES MONITORING G.E. COMPANY PITTSFIELD, MA

DATE: 8/31/04

SAMPLER: SEAN COYLE

09B

FLOW 7 GPM
TSS,BOD _____
Metals _____
Toxicity _____
Time: 4:20 AM

05A

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

001

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
TSS _____
PCB _____
Metals _____
Toxicity _____
Time: _____

09C

FLOW 7 GPM
pH SU 7.37
O&G A9265-G
O&G ARCHIVE A9266-G
O&G ARCHIVE _____
PCB _____
Time: 4:20 AM

05B

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

005 64T

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
TSS,BOD _____
PCB _____
Metals _____
Toxicity _____
Time: _____

01A

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

006

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

005 64G

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
TSS,BOD _____
PCB _____
Metals _____
Toxicity _____
Time: _____

Aquatic Toxicity Dilution Water

Sample # _____
Time: _____
Comments: _____

pH Measurement below 6.0 SU or above 9.0 SU? Yes _____ No

06A

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

Comments: _____

Relinquished By: [Signature] Received By: Joseph C. Howling Time/Date: 10:00AM 9-2-04

Relinquished By: _____ Received By: _____ Time/Date: _____

Relinquished By: _____ Received By: _____ Time/Date: _____

CHAIN OF CUSTODY FORM
NPDES MONITORING
G.E. COMPANY
PITTSFIELD, MA

DATE: 9/7/08

SAMPLER: SEAN C. COYLE

09B

FLOW 196 GPM
TSS,BOD _____
Metals _____
Toxicity _____
Time: 1:10 AM

05A

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

001

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
TSS _____
PCB _____
Metals _____
Toxicity _____
Time: _____

09C

FLOW 196 GPM
pH SU 6.28
O&G A9281-G
O&G ARCHIVE A9282-G
O&G ARCHIVE _____
PCB _____
Time: 1:10 AM

05B

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

005 64T

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
TSS,BOD _____
PCB _____
Metals _____
Toxicity _____
Time: _____

01A

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

006

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

005 64G

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
TSS,BOD _____
PCB _____
Metals _____
Toxicity _____
Time: _____

Aquatic Toxicity Dilution Water

Sample # _____
Time: _____
Comments: _____

06A

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

pH Measurement below 6.0 SU or above 9.0 SU? Yes _____ No

Comments: _____

Relinquished By: Sean C. Coyle Received By: Joseph C. Hanley Time/Date: 9-8-08 11:30 AM

Relinquished By: _____ Received By: _____ Time/Date: _____

Relinquished By: _____ Received By: _____ Time/Date: _____

CHAIN OF CUSTODY FORM
NPDES MONITORING
G.E. COMPANY
PITTSFIELD, MA

DATE: 9/14/07

SAMPLER: SEAN C. COYLE

09B

FLOW 6 GPM
TSS,BOD _____
Metals _____
Toxicity _____
Time: 4:10 AM

05A

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

001

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
TSS _____
PCB _____
Metals _____
Toxicity _____
Time: _____

09C

FLOW 6 GPM
pH SU 6.97
O&G A9309-G
O&G ARCHIVE A9310-G
O&G ARCHIVE _____
PCB _____
Time: 4:10 AM

05B

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

005 64T

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
TSS,BOD _____
PCB _____
Metals _____
Toxicity _____
Time: _____

01A

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

006

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

005 64G

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
TSS,BOD _____
PCB _____
Metals _____
Toxicity _____
Time: _____

Aquatic Toxicity Dilution Water

Sample # _____
Time: _____
Comments: _____

06A

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

pH Measurement below 6.0 SU or above 9.0 SU? Yes No

Comments: _____

Relinquished By: [Signature] Received By: Joseph C. Hanley Time/Date: 9-15-07 8:25 AM

Relinquished By: _____ Received By: _____ Time/Date: _____

Relinquished By: _____ Received By: _____ Time/Date: _____

CHAIN OF CUSTODY FORM
NPDES MONITORING
G.E. COMPANY
PITTSFIELD, MA

DATE: 09/21/08

SAMPLER: Paul Manozzi SR

09B
FLOW 5 GPM
TSS, BOD
Metals
Toxicity
Time: 5:55 pm

05A
FLOW
pH SU
O&G
O&G ARCHIVE
O&G ARCHIVE
PCB
Time:

001
FLOW
pH SU
O&G
O&G ARCHIVE
O&G ARCHIVE
TSS
PCB
Metals
Toxicity
Time:

09C
FLOW 5 GPM
pH SU 7.10
O&G A 09338-G
O&G ARCHIVE A 09338-G
O&G ARCHIVE
PCB
Time: 5:55 pm

05B
FLOW
pH SU
O&G
O&G ARCHIVE
O&G ARCHIVE
PCB
Time:

005 64T
FLOW
pH SU
O&G
O&G ARCHIVE
O&G ARCHIVE
TSS, BOD
PCB
Metals
Toxicity
Time:

01A
FLOW
pH SU
O&G
O&G ARCHIVE
O&G ARCHIVE
PCB
Time:

006
FLOW
pH SU
O&G
O&G ARCHIVE
O&G ARCHIVE
PCB
Time:

005 64G
FLOW
pH SU
O&G
O&G ARCHIVE
O&G ARCHIVE
TSS, BOD
PCB
Metals
Toxicity
Time:

Aquatic Toxicity Dilution Water
Sample #
Time:
Comments:
pH Measurement below 6.0 SU or above 9.0 SU? Yes No

06A
FLOW
pH SU
O&G
O&G ARCHIVE
O&G ARCHIVE
PCB
Time:

Comments:

Relinquished By: [Signature] Received By: [Signature] Time/Date: 10:45 pm 09/21/08

Relinquished By: [Signature] Received By: Joseph C. Naulty Time/Date: 6:45 am 9/22/08

Relinquished By: _____ Received By: _____ Time/Date: _____

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891
PERMIT NUMBER

0051
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR (SUBRW)
WATERS TO HOUSATONIC RIVER
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	08	01		08	08	31

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, 5-day, 20 deg. C 00310 T 0 See Comments	SAMPLE MEASUREMENT	0	0	LBS/DY	*****	*****	*****				
	PERMIT REQUIREMENT	90 MO AVG	135 DAILY MX	lb/d	*****	*****	*****		0	01/30	CP
Solids, total suspended 00530 T 0 See Comments	SAMPLE MEASUREMENT	0	0	LBS/DY	*****	*****	*****			Monthly	COMPOS
	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	lb/d	*****	*****	*****		0	01/30	CP
Oil & grease 00556 T 0 See Comments	SAMPLE MEASUREMENT	*****	0	LBS/DY	*****	*****	*****			Monthly	COMPOS
	PERMIT REQUIREMENT	*****	135 DAILY MX	lb/d	*****	*****	0	MG/L	0	01/07	GR
Polychlorinated biphenyls (PCBs) 39516 T 0 See Comments	SAMPLE MEASUREMENT	0	0	LBS/DY	*****	*****	*****			Weekly	GRAB
	PERMIT REQUIREMENT	.01 MO AVG	.03 DAILY MX	lb/d	*****	*****	*****		0	01/07	CP
Flow, in conduit or thru treatment plant 50050 T 0 See Comments	SAMPLE MEASUREMENT	0.146	0.302		*****	*****	*****			Weekly	COMPOS
	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	MGD	*****	*****	*****		0	99/99	RC
				Mgal/d						Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog TYPED OR PRINTED	I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>M. T. Carroll</i>	TELEPHONE		DATE		
			413 AREA Code	494-5902 NUMBER	2008 YEAR	9 MO	28 DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE PAGE 8 + 9 OF PERMIT FOR SAMPLING REQUIREMENTS. SEE DMR(S) 064G + 064T FOR FURTHER PARAMETERS.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891
PERMIT NUMBER

064T
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR (SUBRW)
WASTEWATER TREATMENT (005)
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	08	01		08	08	31

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 T 0 See Comments	SAMPLE MEASUREMENT	*****	*****		7.1	*****	8.0	SU	0	99/99	RCDR
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU			
Dibenzofuran 81302 T 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	NODI [2]	NODI [2]			Weekly	RANG-C
	PERMIT REQUIREMENT	*****	*****		*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	ppt		Monthly	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>M. T. Carroll</i>	TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) SEE COMMENTS FOR 0051. SEE PAGE 8+ 9 OF PERMIT.			413	494-5902	2008	9	24

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891
PERMIT NUMBER

064G
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR (SUBRW)
GROUNDWATER TREATMENT (005)
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	08	01		08	08	31

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 T 0 See Comments	SAMPLE MEASUREMENT	*****	*****		7.1	*****	7.7	SU	0	99/99	RCDR
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	RANG-C
Base neutrals & acid (Method 625), total 76030 T 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	NODI [9]	NODI [9]				
	PERMIT REQUIREMENT	*****	*****		*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Volatile compounds, (GC/MS) 78732 T 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	NODI [9]	NODI [9]				
	PERMIT REQUIREMENT	*****	*****		*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>W.T. Carroll</i>	TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) SEE COMMENTS FOR 0051. SEE PAGE 8+ 9 OF PERMIT.			413	494-5902	2008	9	24

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891
PERMIT NUMBER

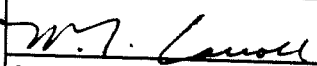
0071
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
DISCHARGE TO HOUSATONIC RIVER
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	08	01		08	08	31

No Discharge 

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Temperature, water deg. fahrenheit 00011 W 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****						
	PERMIT REQUIREMENT	*****	*****		*****	70 MO AVG	75 DAILY MX	deg F		Monthly	GRAB
pH 00400 W 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****						
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	RANG-C
Polychlorinated biphenyls (PCBs) 39516 W 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	*****		Monthly	CALCTD
Flow, in conduit or thru treatment plant 50050 W 0 See Comments	SAMPLE MEASUREMENT				*****						
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			413 494-5902	2008	9	24	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) SAMPLE AT MANHOLE PRIOR TO CITY STORM DRAIN.		AREA Code	NUMBER	YEAR	MO	DAY	

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891
PERMIT NUMBER


009A
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
09A SAMPLE POINT BEFORE 009
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	08	01		08	08	31

No Discharge 

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, 5-day, 20 deg. C 00310 V 0 See Comments	SAMPLE MEASUREMENT				*****	*****	*****				
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	lb/d	*****	*****	*****				
Solids, total suspended 00530 V 0 See Comments	SAMPLE MEASUREMENT				*****	*****	*****			Weekly	COMPOS
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	lb/d	*****	*****	*****				
Flow, in conduit or thru treatment plant 50050 V 0 See Comments	SAMPLE MEASUREMENT				*****	*****	*****			Weekly	COMPOS
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mga/d	*****	*****	*****			Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE		DATE		
			413 494-5902	2008	9	24	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE PAGE 11 OF PERMIT. SEE DMR 0091. SAMPLE AT 09A.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891
PERMIT NUMBER

009B
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
09B SAMPLE POINT PRIOR TO 009
External Outfall

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
08	08	01	08	08	31

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, 5-day, 20 deg. C 00310 V 0 See Comments	SAMPLE MEASUREMENT	0.1	0.2	LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	lb/d	*****	*****	*****				
Solids, total suspended 00530 V 0 See Comments	SAMPLE MEASUREMENT	0.1	0.3	LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	lb/d	*****	*****	*****				
Flow, in conduit or thru treatment plant 50050 V 0 See Comments	SAMPLE MEASUREMENT	0.005	0.045	MGD	*****	*****	*****		0	99/99	RC
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****				
										Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>M.T. Carroll</i>	TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) SEE PAGE 11 OF PERMIT. SEE DMR 0091; SAMPLE AT 09B.			413	494-5902	2008	9	24

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891
PERMIT NUMBER


0091
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
PROCESSES TO UNKAMET BROOK
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	08	01		08	08	31

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
BOD, 5-day, 20 deg. C 00310 V 0 See Comments	SAMPLE MEASUREMENT	0.1	0.2	LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	lb/d	*****	*****	*****				
pH 00400 V 0 See Comments	SAMPLE MEASUREMENT	*****	*****		6.8	*****	7.4	SU	0	01/07	GR
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU			
Solids, total suspended 00530 V 0 See Comments	SAMPLE MEASUREMENT	0.1	0.3	LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	lb/d	*****	*****	*****				
Oil & grease 00556 V 0 See Comments	SAMPLE MEASUREMENT	*****	0	LBS/DY	*****	*****	0	MG/L	0	01/07	GR
	PERMIT REQUIREMENT	*****	438 DAILY MX	lb/d	*****	*****	15 DAILY MX	mg/L			
Polychlorinated biphenyls (PCBs) 39516 V 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	NODI [9]	NODI [9]				GRAB
	PERMIT REQUIREMENT	*****	*****		*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L			
Flow, in conduit or thru treatment plant 50050 V 0 See Comments	SAMPLE MEASUREMENT	0.005	0.045	MGD	*****	*****	*****		0	99/99	RC
	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mga/d	*****	*****	*****				
										Continuous	RCORDR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE			
			413 494-5902	2008	9	24	AREA Code	NUMBER

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE PAGE 11 OF PERMIT. SEE DMRS 009A + 009B. REPORT SUM OF LOAD 09A+ 09B, FOR BOD, TSS, FLOW. SAMPLE AT DISCHARGE POINT TO BROOK FOR PH, OIL & GREASE, AND PCB.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891
PERMIT NUMBER

SUMA
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR (SUBRW)
METALS: 001,004,005,007,009,011
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	08	01		08	08	31

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0	LBS/DY	*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****		0	03/30	CP
Nickel, total recoverable 01074 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0.01	LBS/DY	*****	*****	*****			Monthly	COMPOS
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****		0	03/30	CP
Silver total recoverable 01079 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0	LBS/DY	*****	*****	*****			Monthly	COMPOS
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****		0	03/30	CP
Zinc, total recoverable 01094 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0.1	LBS/DY	*****	*****	*****			Monthly	COMPOS
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****		0	01/07	CP
Aluminum, total (as Al) 01105 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0.04	LBS/DY	*****	*****	*****			Weekly	COMPOS
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****		0	03/30	CP
Cadmium, total recoverable 01113 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0	LBS/DY	*****	*****	*****			Monthly	COMPOS
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****		0	03/30	CP
Lead, total recoverable 01114 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0.01	LBS/DY	*****	*****	*****			Monthly	COMPOS
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****		0	01/07	CP
										Weekly	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>M.T. Carroll</i>	TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
			413	494-5902	2008	9	24

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
COMPOSITE PROPORTIONATE TO FLOW.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891
PERMIT NUMBER

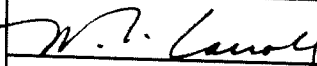
SUMA
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
METALS: 001,004,005,007,009,011
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	08	01		08	08	31

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Chromium, total recoverable 01118 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0	LBS/DY	*****	*****	*****		0	03/30	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
Copper, total recoverable 01119 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0.02	LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
Cyanide, total recoverable 78248 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0.08	LBS/DY	*****	*****	*****		0	03/30	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
										Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE		DATE		
			413 494-5902	2008	9	29	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) COMPOSITE PROPORTIONATE TO FLOW.			AREA Code	NUMBER	YEAR	MO	DAY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891
PERMIT NUMBER


SUMB
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
TOXICS: 001,004,005,007,009,011
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	08	01		08	08	31

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Noel Static 7Day Chronic Ceriodaphnia	SAMPLE MEASUREMENT	*****	*****		NODI [H]	*****	*****				
TBD3B 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****		Req. Mon. DAILY MN	*****	*****				
Noel Static 48Hr Acute Ceriodaphnia	SAMPLE MEASUREMENT	*****	*****		NODI [9]	*****	*****	%		Monthly	COMPOS
TDA3B 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****		Req. Mon. DAILY MN	*****	*****				
Noel Statre 48Hr Acute D. Pulex	SAMPLE MEASUREMENT	*****	*****		NODI [9]	*****	*****	%		Monthly	COMPOS
TDM3D 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****		35 DAILY MN	*****	*****	%		Monthly	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			413	494-5902	2008	9	24
		AREA Code		NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONTHLY DRY WEATHER TESTING. COMPOSITE PROPORTIONATE TO FLOW. FOR JULY, AUG., SEPT. REPORT ACUTE AND CHRONIC. SEE DMR SUMC FOR QUARTERLY WET WEATHER ACUTE. SUBMIT THIS DMR WITH A NODI '9' WHEN SUBMITTING WET WEATHER RESULTS ON DMR SUMC.



GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

September 24, 2008

Water Technical Unit (SEW)
U.S. Environmental Protection Agency
P.O. Box 8127
Boston, MA 02114

Massachusetts Department of Environmental Protection (MA DEP)
Division of Watershed Management (DWM)
627 Main Street, 2nd Floor
Worcester, MA 01608

MA DEP
Western Regional Office
436 Dwight Street, Suite 402
Springfield, MA 01003

Dear Sir or Madam et al:

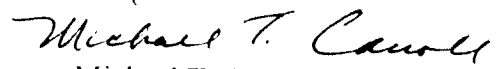
In accordance with the terms of General Electric's (GE's) Pittsfield, Massachusetts facility NPDES Permit #MA0003891, GE sent samples of effluent and receiving waters to Aquatec Biological Sciences, Inc. ("Aquatec") for Chronic and Acute Toxicity Testing during the week of August 11-15, 2008. Aquatec participates in the annual DMR QA/QC Program. Aquatec successfully completed the Acute Test on August 14, 2008 and this result is reported in GE's August 2008 Discharge Monitoring Report ("DMR"). Aquatec was not able to complete the Chronic Test due to a laboratory problem with their test species, which exhibited mortality in the control sample as well as in the test concentrations. Therefore, on August 16, 2008, Aquatec terminated the Chronic Test and deemed it invalid.

Aquatec then obtained new test species for culturing and GE resampled its effluent and receiving waters during the week of August 25th and shipped them to Aquatec for their use in performing a new Chronic Test. Before Aquatec could test this GE sample, their new in house cultures were also exhibiting mortality and the effort to test the GE sample was stopped. At this point there was insufficient time to perform a third Chronic Test for August, therefore no result were reported in the August 2008 DMR for Chronic Toxicity Testing. A NODI code "H" has been reported on the DMR for August 2008 Chronic Toxicity Testing.

Attached is a letter from Aquatec Biological Sciences explaining in detail the events of the Chronic Toxicity Testing conducted in August 2008.

Please contact me at 413-448-5903 if there are any questions.

Yours truly,

A handwritten signature in cursive script that reads "Michael T. Carroll".

Michael T. Carroll
Manager, Pittsfield Remediation Programs

Cc: J.R. Porter, Esquire, Mintz, Levin
J.S. Nicholson, GE
S. Deloye, GEP (cover only)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: GENERAL ELECTRIC PITTSFIELD
ADDRESS: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
FACILITY: GENERAL ELECTRIC COMPANY
LOCATION: 100 WOODLAWN AVENUE
PITTSFIELD, MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891
PERMIT NUMBER


SUMC
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
TOXICS: 001,004,005,007,009,011
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
08	07	01	TO	08	09	30

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Noael Statre 48Hr Acute D. Pulex TDM3D 10 Effluent Gross	SAMPLE MEASUREMENT	*****	*****		100	*****	*****	%	0	01/30	CP
	PERMIT REQUIREMENT	*****	*****		Req. Mon. DAILY MN	*****	*****	%		Quarterly	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		413 494-5902		2008	9	28	
QUARTERLY WET WEATHER ACUTE. COMPOSITE PROPORTIONATE TO FLOW. SEE DMR SUBM FOR DRY WEATHER TESTING. SUBMIT THIS DMR WITH A NODI '9' WHEN SUBMITTING DRY WEATHER ON DMR SUBM.							

ARCADIS

Attachment C

NPDES Biomonitoring Report
September 2008

October 6, 2008

Mr. Jeffrey Nicholson
GE Corporate Environmental Programs
159 Plastics Avenue
Pittsfield, MA 01201

Re: NPDES Biomonitoring Report for September 2008
Submission #: R2845747

Dear Mr. Nicholson:

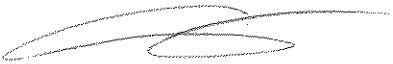
Enclosed is our report on the Acute Whole Effluent Toxicity testing conducted in September 2008. The Outfall Composite samples were collected on 9/8/08 at 9:55 am. The Housatonic River samples were collected on 9/8/08 at 8:45 am. The Outfall Composite and Housatonic River samples were analyzed at Columbia Analytical Services for total cyanide, ammonia, total organic carbon, total phosphorus, chloride, total solids, total suspended solids, total residual chlorine, and total metals. Dissolved metals were analyzed for only on the Outfall Composite samples. Results are presented in Appendix 2. The Outfall Composite and Housatonic River samples were sent directly by General Electric to Aquatec Biological Services for the acute aquatic toxicity testing including the analysis of alkalinity, hardness, specific conductance, and pH. Results are presented in Appendix 1.

Should you have any questions please contact me at (585)288-5380 x130.

Thank you for allowing us to provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES



Carlton Beechler
Project Manager

enc.

CC: Pat Foos, Ruth Bates and Yelena Geyfman vial email.

NPDES BIOMONITORING REPORT

GENERAL ELECTRIC COMPANY

Pittsfield, MA

NPDES PERMIT MA 0003891

Monthly Acute Toxicity Monitoring

Dry Weather Conditions

September 2008

WHOLE EFFLUENT TOXICITY TEST REPORT CERTIFICATION

I certify under penalty of law that this document and all ATTACHMENTS were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Executed on _____

(Date)

(Authorized Signature)

Michael T. Carroll

General Electric Co. – Pittsfield, MA
Permit MA0003891

Prepared by: Carlton R. Beechler
October 6, 2008

TABLE OF CONTENTS

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I. Summary	1
II. Review of Toxicity Analytical Results	2
III. Review of Wastewater Sampling Procedures	3
IV. Review of Individual Discharges	5

Table I – Summary of Analytical Test Results

Appendices:

1. Chemical and Acute Toxicity Data from Aquatec Biological Sciences
2. Laboratory Reports from Columbia Analytical Services, Inc. and O'Brien & Gere, Inc.
3. Chain of Custody Forms

I. Summary

On September 7-8, 2008 sampling of wastewater discharges from the General Electric Company facility in Pittsfield MA was conducted in accordance with the dry weather toxicity testing requirement of the GE NPDES Permit MA0003891. Composite samples were collected from GE outfalls 001, 005-64T, 005-64G and 09B over a 24-hour period. These composite samples were combined in a flow-proportioned manner to generate a single wastewater sample that was shipped to Aquatec Biological Sciences in Williston, Vermont. A grab sample of Housatonic River water, to be used as dilution water in the toxicity test, was collected upstream of the GE discharges on September 8, 2008 and shipped to AquaTec along with the wastewater composite. AquaTec dechlorinated the composite sample prior to the acute toxicity test following the toxicity reduction procedures summarized in a letter dated November 11, 1993 to EPA Region I from JG Ruebesam of General Electric Company. The composite wastewater sample and the dilution water sample were tested for chemical constituents by O'Brien & Gere, Inc. and Columbia Analytical Services. The analytical results are summarized in Table I and the detailed laboratory test data are include as Appendices to this report. As a result of land transfer documents executed on April 27, 2005 and recorded in the Berkshire County Registry of Deeds on May 2, 2005, Outfalls 001 and 004 were transferred to the Pittsfield Economic Development Authority (PEDA). Outfalls 001 and 004 DMRs will no longer be submitted under the GE NPDES Permit No. MA0003891. However, GE's NPDES Permit requires that the metal and toxicity composites to be made by compositing samples from the following outfalls: 001, 004, 005, 007, and 009. These two composites will continue to include an aliquot of water from outfall 001 and outfall 004, and will be reported on GE's DMR until further actions by the Agencies.

The results from Aquatec Biological Sciences for the acute toxicity test on the wastewater discharge sample indicated a No Observed Acute Effect Level (NOAEL) of 100%.

II. Review of Toxicity Test Results

The wastewater discharge sample collected on September 7-8, 2008 was tested for 48-hour acute toxicity using *Daphnia pulex* organisms. The sample did not require dechlorination with sodium thiosulfate ($\text{Na}_2\text{S}_2\text{O}_3$) prior to toxicity testing. Aquatec Biological Sciences reported the results of this toxicity testing as follows:

Effluent toxicity as NOAEL =	100%
Effluent toxicity as LC ₅₀ =	>100%

No limit is established for wet weather NOAEL in the GE NPDES permit.

The following table summarizes the results of the control sample analyses performed by AquaTec during the acute toxicity bioassay:

<u>Control Analysis</u>	<u>Result</u>
Survival in 100% dilution water	84%
Survival in laboratory water	96%
Survival in laboratory water with 100 mg/L sodium thiosulfate	NA
LC ₅₀ for <i>Daphnia pulex</i> in sodium chloride reference toxicant solution	3.22g NaCl/L on August 12, 2008

The *Daphnia* survival rates in control solutions of upstream dilution water, laboratory water and reference toxicant solution were within acceptable limits, indicating that the results of the toxicity test are valid.

III. Review of Wastewater Sampling Procedures

Composite samples of the individual NPDES wastewater discharges were collected over a 24-hour period. These samples were composited in a flow-weighted manner to generate a single combined discharge sample for toxicity testing and chemical analysis.

The 24-hour composite samples from the individual discharges were collected as follows:

Each automatic sampler (at outfall 001, 64T, 64G, and 09B) was programmed to collect approximately 7 liters of wastewater into a 10-liter glass container in a time-proportioned manner over a 24-hour period. Outfalls 004, 007, and 09A have been plugged and no longer flow.

All sample containers were packed in ice or refrigerated to keep the wastewater samples cold during the 24-hour collection period.

Flow meter readings were taken at the beginning and end of the 24-hour collection period to determine the total 24-hour flow for each wastewater discharge.

At the end of the 24-hour collection period, the discharge samples were taken to Building 64G where OB&G personnel composited these samples, in a flow weighted manner, to generate a single combined sample for the acute toxicity test and the chemical analyses, as follows:

The proportions of each individual discharge sample needed to produce a single combined sample were calculated from the flow measurements. The calculated sample volumes were then transferred from their original collection containers to a 2.5 or 5 gallon mixing container. The combined discharge sample was then split into various containers for toxicity testing and chemical analyses. These containers were shipped by vendor courier to AquaTec for toxicity testing and by FedEx (overnight) to Columbia Analytical Services for chemical analyses. All samples were chilled with ice packs during shipment.

A grab sample of Housatonic River water was collected on the second day of sampling at the Lyman Road Bridge in Hinsdale, MA, upstream of the GE site. This sample was split for chemical analysis and toxicity testing in a similar manner as the combined effluent sample (see above).

Details of the times and dates of sample collection as well as the names of the individuals collecting and transporting the samples are provided on the chain of custody forms in Appendix 3 of this report.

IV. Review of Individual NPDES Discharges

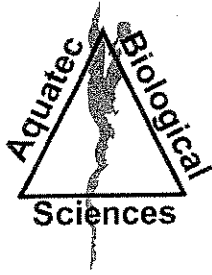
The following is a brief description of each of the seven outfalls that are monitored for acute and chronic toxicity in accordance with NPDES Permit MA0003891 issued to the General Electric Company, Pittsfield, MA.

1. Outfall 001 is permitted to discharge storm water runoff from the oil/water separator in Building 31W to Silver Lake.
2. Outfall 004 is permitted to discharge storm water runoff to Silver Lake. (**Outfall plugged**)
3. Outfall 005 is permitted to discharge contact cooling water, non-contact cooling water, treated process water and storm water runoff from the Wastewater Treatment Plant in Building 64T, and treated groundwater from the Groundwater Treatment Plant in Building 64G to the Housatonic River. Monitoring samples are collected separately from the effluents of 64G and 64T. Both samples are included in the flow composite sample used for toxicity testing.
4. Outfall 007 is permitted to discharge stormwater runoff to the Housatonic River. (**Outfall plugged**)
5. Outfall 09A is permitted to discharge non-contact cooling water and stormwater runoff to Unkamet Brook. (**Outfall plugged**)
6. Outfall 09B is permitted to discharge non-contact cooling water, treated process water and stormwater runoff from the oil/water separator in Building 119W to Unkamet Brook.

APPENDIX 1

Chemical and Acute Toxicity Data

Aquatec Biological Sciences



Aquatec Biological Sciences



Ecology



Environmental
Toxicology



Natural Resource
Assessments



Microbiology

September 30, 2008

Mr. Carl Beechler
Columbia Analytical Services,
1 Mustard Street – Suite 250
Rochester, NY 14609

Dear Mr. Beechler:

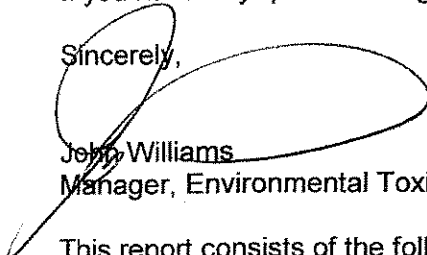
Attached please find electronic (PDF) copy of our report of the results for whole effluent toxicity testing of samples received from GE Pittsfield, Massachusetts on September 9, 2008.

According to the Chain-of-Custody documentation the samples for Whole Effluent Toxicity (WET) Testing were collected on September 8, 2008. The samples were transported to Aquatec Biological Sciences, Inc. by courier and delivered on September 9, 2008. The effluent sample (Sample 37917) was logged in for the acute 48-hour static toxicity test with *Daphnia pulex*. The receiving water sample (Sample 37918) was logged in for dilution water. A sub-sample of each sample was checked for residual chlorine and for alkalinity and hardness measurements at Aquatec Biological Sciences, Inc. The toxicity test was started on September 9, 2008, within the specified holding time.

At the conclusion of the toxicity test on September 11, 2008, a final count of surviving organisms was completed. The average survival was 84 percent in the 100% effluent and 92%-96% in all other test concentrations and controls. Acute toxicity was not detected, and the 48-hour LC50 was reported as >100% effluent (Section 4.1 of the report).

If you have any questions regarding the report, please call Dr. Philip C. Downey or me.

Sincerely,


John Williams
Manager, Environmental Toxicology

This report consists of the following numbered pages:

1 – 37

**Whole Effluent Toxicity Testing
Of Wastewaters Discharged from
The General Electric Plant
Pittsfield, Massachusetts**

Samples Collected in September 2008

Submitted to:
General Electric
Area Environmental & Facility Programs
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201

SDG number: 11453
Effluent ID: Outfall Composite A9250C Aquatec sample number: 37917
Receiving water ID: Housatonic River A9251R Aquatec sample number: 37918

Study Director: John Williams

September 30, 2008

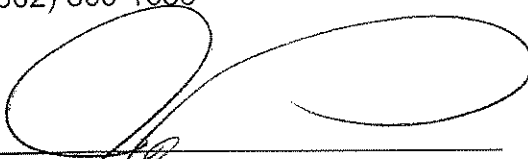
Submitted by:
Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, Vermont 05454
Phone: (802) 860-1638 Fax: (802) 860-1638

Accreditation: NH Environmental Laboratory Accreditation Program
NELAP / NELAC accredited for the requested analysis.

Signatures and Approval

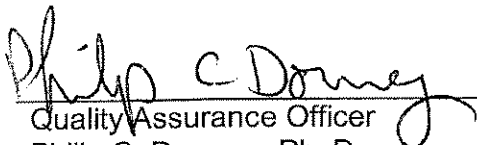
Submitted by:

Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, Vermont 05454
Phone: (802) 860-1638
Fax: (802) 860-1638



Study Director
John Williams

9/30/08
Date



Quality Assurance Officer
Philip C. Downey, Ph. D.

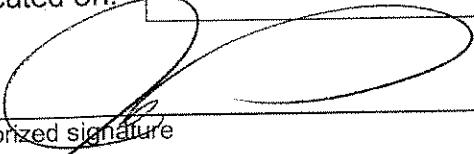
9/30/08
Date

Whole Effluent Toxicity Test Report Certification

The results reported pertain only to the samples received and tested under this Sample Delivery Group (SDG).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Executed on: Date: September 30, 2008



Authorized signature

John Williams

Name

Manager, Environmental Toxicology

Title

Aquatec Biological Sciences, Inc.

Laboratory



Certificate # 1737

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Appendix 2	Summary of Test Conditions
Appendix 3	U.S. EPA Region 1 Toxicity Test Summary and Statistical Flow Chart
Appendix 4	Bench Data, <i>Daphnia pulex</i> Acute Toxicity Test
Appendix 5	Standard Reference Toxicant test Control Chart
Appendix 6	SOP TOX2-001, Standard Operating Procedure for Daphnid (<i>Ceriodaphnia dubia</i> , <i>Daphnia magna</i> , and <i>Daphnia pulex</i>) Acute Toxicity Test

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Summary of Static Acute Toxicity Test with *Daphnia pulex*

Sponsor: General Electric

Protocol title: US EPA-821-R-02-012. *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, 5th Ed., January 2002. Method 2021.0

Aquatec SDG: 11453

Test material: Composite effluent from the General Electric Company located in Pittsfield, Massachusetts

GE sample ID: OUTFALL COMPOSITE A9250C

Dilution water: Water from the Housatonic River (grab sample)

GE sample ID: HOUSATONIC RIVER A9251R

Dates collected: September 8, 2008

Date received: September 9, 2008

Test dates: September 9-11, 2008

Test concentrations: 100%, 75%, 50%, 35%, 15%, 5% effluent.
Dilution water control (Housatonic River A9250C)
Laboratory control 1 (culture water)
Laboratory control 2 (culture water with sodium thiosulfate)

Results: The 48-hour LC50 value was determined to be >100% effluent. The Acute No-Observed-Effect-Concentration (A-NOEC) was 100% effluent.

1.0 Introduction

1.1 Background

In 1972, amendments were made to the Clean Water Act (CWA) prohibiting the discharge of any pollutant from a point source to waters of the United States, unless the discharge is authorized by a National Pollutant Discharge Elimination System (NPDES) permit. Since the passing of the 1972 amendments to the CWA, significant progress has been made in cleaning up industrial wastewater and municipal sewage point source discharges. EPA defines point sources as discrete discharges via pipes or man-made ditches.

In 1984, the U.S. Environmental Protection Agency (EPA) released a national policy statement and a supporting document that recommended, where appropriate, effluent permit limits should be based on effluent toxicity as measured in aquatic toxicity tests. Generally, permits require that no toxic discharge occur in toxic amounts. The routine use of dilution-series toxicity tests and/or biologically-based criteria (i.e., invertebrate and vertebrate community studies) have become increasingly utilized to calculate or estimate the potential toxicity of a discharge.

EPA has the authority to delegate primary responsibility for the implementation, permitting, and enforcement of NPDES regulations to appropriate State regulatory agencies. Even when EPA delegates this authority to the states, EPA still maintains oversight responsibility.

1.2 Objective of the General Electric Study

The objective of this study was to measure the acute toxicity of the composite wastewater discharged by the General Electric facility located in Pittsfield, Massachusetts to the Housatonic River. The water flea, *Daphnia pulex*, is exposed to effluent and dilutions of effluent under static conditions. *Daphnia pulex* is routinely used by regulatory agencies and by contract laboratories for toxicity testing and EPA has published guidance documents for the performance of this test (U.S. EPA, 2002).

A toxicity test was conducted from September 9-11, 2008 at Aquatec Biological Sciences, Inc. (Aquatec) located in Williston Vermont. Aquatec Biological Sciences, Inc. holds NELAC accreditation for the requested whole effluent toxicity test. All original raw data and the final report produced for this study are stored in Aquatec's archives in Williston, Vermont.

2.0 Materials and Methods

2.1 Protocol

Procedures used in this acute toxicity test followed those described in the Aquatec Standard Operating Procedure (SOP) TOX2-001, Daphnid Acute R5, September 4, 2006. This SOP generally follows the standard methodology presented in U.S. EPA. 2002 (EPA-821-R-02-012). *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine*

September 30, 2008

Organisms, 5th Ed., January 2002, Method 2021.0 (as summarized in Appendix 2 of this report). A copy of the SOP is located in Appendix 6 (Controlled document, please do not copy or distribute.)

Additional SOPs used in this study are outlined below:

Title	SOP Number	Revision Date
Sample Acceptance	TOX1-017	Rev. 4, February, 2004
Hardness – total titrimetric method	TOX1-011	Rev. 3, September 2003
Alkalinity – total titrimetric method	TOX1-010	Rev. 6, September 2004
Thermo-Orion 145 A+ Conductivity Meter	TOX1-016	Rev. 1, September 2004
Dissolved oxygen	TOX1-006	Rev. 7, September 2004
pH measurement	TOX1-007	Rev. 2, September 2004
Salinity: refraction method	TOX1-008	Rev. 3, January, 2003

2.2 Effluent and Receiving Water Samples

The effluent sample (Outfall Composite A9250C) was collected by GE personnel on September 8, 2008. The receiving water sample (Housatonic River A9251R) was a grab collected from the Housatonic River on September 8, 2008. Samples were delivered to Aquatec on September 9, 2008. Upon receipt at Aquatec, the temperature of the temperature blank contained within the cooler was 2.6°C. The effluent and receiving water were prepared for testing and characterized (Table 1). The receiving water was the dilution water for preparing effluent concentrations and was also the reference control for statistical comparisons.

2.3 Control water

Laboratory control water for the toxicity test was a 1:1 mixture of laboratory reconstituted moderately hard water and 60-micron filtered river water collected from the Lamoille River, Vermont. This water was characterized for the following parameters: pH (7.4); dissolved oxygen (8.7 mg/L); conductivity (225 uS/cm).

2.4 Test Organism

Daphnids (*Daphnia pulex*), less than 24-hours old were obtained from Aquatec laboratory cultures. The culture system consisted of several 1-liter glass beakers containing approximately 1-liter of culture medium and up to approximately 100 daphnids. The culture water was laboratory reconstituted moderately hard water. Prior to use, the culture water was characterized:

Parameter	Result
Total hardness (mg/L)	Within range of 80-110 mg/L
Alkalinity (mg/L as CaCO ₃)	Within range of 60-70 mg/L
pH	Nominal 7.4 – 8.0

The culture area was maintained at a nominal temperature of 20°C (range 19 – 21 °C) with a regulated photoperiod of 16 hours light and 8 hours of darkness.

Daphnid cultures were fed a combination of green algae (*Selenastrum capricornutum*) and YCT obtained from Aquatic BioSystems of Fort Collins, Colorado. The cultures were fed a ration of *Selenastrum* and YCT daily Monday through Friday. Daphnids were transferred to new culture medium weekly.

Approximately 24 hours before toxicity test initiation, all daphnid neonates were removed from the culture beakers. Offspring produced within 24 hours were used for toxicity testing.

2.5 Test Procedures

Prior to initiating the toxicity test, a sub-sample of effluent and receiving water was decanted for subsequent alkalinity and hardness determination. A sub-sample was also checked for presence of chlorine by a titration method (See Section 2.6) to determine whether dechlorination of effluent was required. Chlorine was not detected by this method, therefore dechlorination of the effluent was not performed. The sample was then aerated and warmed to test temperature.

The toxicity test was conducted at effluent concentrations of 100%, 75%, 50%, 35%, 15%, and 5% effluent. Test concentrations were prepared by diluting the appropriate volume of effluent with dilution water to a total volume of 400 mL. Test solutions were then decanted to five replicate 30-mL cups per concentration, each containing approximately 20 mL of test solution. Three sets of control replicates were also included in the test array, set up as the effluent replicates. The controls included: Housatonic River water (dilution control) and a laboratory control (a mix of moderately hard water and Lamoille River, VT water).

Prior to testing, daphnids less than 24-hours old were collected from the cultures, pooled in Carolina bowl, and fed. The test was initiated when the daphnid neonates were transferred to the replicate test cups, five daphnids per cup. The toxicity test cups were incubated to maintain temperature in the range of 19°C to 21 °C. The lighting cycle was 16 hours light and eight hours dark and a luminance of approximately 80 ft-c.

2.6 Test Monitoring

The number of surviving daphnids was observed at approximately 24-hour intervals during the test, with the final count of surviving daphnids at approximately 48 hours. Temperature was measured daily in one replicate of each test treatment. The parameters of pH, dissolved oxygen, and conductivity were measured at the beginning and the end of the test.

Total hardness was measured by the EDTA titrimetric method and total alkalinity was measured by potentiometric titration to an endpoint of 4.5. The check for residual chlorine was performed with an acidified sample to which potassium iodide and starch indicator added. If chlorine was detected, the color was titrated away with 0.02 N sodium thiosulfate to determine the equivalent volume of 0.2 N sodium thiosulfate to add to effluent (if needed).

Dissolved oxygen was measured with a YSI Model 58 dissolved oxygen meter. A Beckman Phi 40 was used to measure pH. A Thermo-Orion Model 145 conductivity meter was used to measure conductivity. Salinity was measured with an Atago salinity refractometer.

2.7 Reference Toxicant Test

A 48-hour standard reference toxicant (SRT) test was conducted concurrently with the effluent toxicity test. The SRT test was conducted as a quality control procedure to establish the health and sensitivity of the test organisms. The SRT included four concentrations of reagent grade sodium chloride (NaCl) with nominal concentrations of 0.75, 1.5, 3.0, 6.0, and 12 g NaCl/L. Four test replicates, each containing five daphnid neonates were test at each concentration and the laboratory control.

3.0 Statistics

3.1 Statistical protocol

The concentration-response relationships observed were characterized by the median lethal concentration (LC50), which was the calculated concentration lethal to 50 percent of the test organisms. If no concentrations resulted in 50% mortality, the LC50 was reported as greater than the highest concentration effluent (in this case >100% effluent), by direct observation. If greater than 50 percent mortality was observed in any effluent treatment, then a computer program, Comprehensive Environmental Toxicity Information System (CETIS) was used to calculate the LC50 value, following the U.S. EPA statistical flowchart (Appendix 3).

The Acute-No-Observable-Effect Concentration (A-NOEC) was determined statistically using multiple comparison tests (CETIS), with the receiving water control as the reference.

4.0 Results

4.1 Effluent Toxicity Test

Results of effluent and receiving water characterizations performed at Aquatec as part of the toxicity test are presented in Table 1. Water quality parameters measured during the toxicity test are presented in Table 2. Measured temperatures during the test were within the range of 19°C to 21°C. The percent mortality data for the toxicity test are presented in Table 3. Acute toxicity was not demonstrated during this evaluation. The 48-hour LC50 value was >100% effluent. The A-NOEC was 100% effluent.

4.2 Reference Toxicant Test

The most recent standard reference toxicant (SRT) test was performed in August 2008. The resulting 48-hour LC50, calculated by the Spearman-Kärber method, was 3.22 g NaCl/L with 95% confidence intervals of 2.7 – 3.8 g/L. This LC50 value was within the Control Chart limits generated for tests in our laboratory.

5.0 Qualifiers

5.1 Qualifiers and Special Conditions

A dechlorination control was not included in the test array because insufficient neonates were available for this treatment. According to US EPA Region 1 protocols, a dechlorination control is not required if residual chlorine is not detected in the effluent. This was the case for the effluent sample received on September 9, 2008.

References

American Public Health Association, American Water Works Association, and Water Pollution Control Federation (APHA). 1989. Standard Methods for the Examination of Water and Wastewater. 17th Edition

U.S. Environmental Protection Agency, 2002. 5th Edition. *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*. EPA-821-R-02-012.

Table 1. Results of the characterization of the General Electric Pittsfield Plant effluent and receiving water (Housatonic River).

Parameter	Effluent OUTFALL COMPOSITE A9250C	Receiving Water HOUSATONIC RIVER A9251R
Temperature	20.3	20.1
pH	7.4	6.8
Alkalinity (as CaCO ₃), mg/L	260	52
Hardness (as CaCO ₃), mg/L	260	60
Dissolved oxygen, mg/L	9.1	9.0
Specific conductivity, uS/cm	1021	163
Total residual chlorine (mg/L)	ND	ND

Note: Characterizations reflect conditions of sample after preparation for the toxicity test. ND = not detected

Table 2. Water quality measurements recorded during the 48-hour static toxicity test with *Daphnia pulex* exposed to General Electric Pittsfield Plant effluent, September 9-11, 2008.

Test Concentration (% effluent)	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
Lab Control	7.4	-	7.5	8.7	-	8.1	20.2	19.8	20.0
Dilution Control	6.8	-	7.4	9.0	-	8.1	20.1	19.9	19.8
5%	6.8	-	7.5	9.2	-	8.1	20.3	19.9	19.9
15%	6.9	-	7.6	9.2	-	8.1	20.2	19.7	19.9
35%	7.1	-	7.9	9.1	-	8.0	20.2	19.9	19.9
50%	7.1	-	8.0	9.1	-	8.0	20.3	19.8	19.8
75%	7.3	-	8.2	9.1	-	8.0	20.3	19.8	19.8
100%	7.4	-	8.3	9.1	-	8.1	20.3	19.8	19.8

Measurements at time 0 were from a sub-sample of the prepared treatment.
 Measurements at time 48 were from the combined water from all replicates for each treatment.

Lab Control = a mix of natural river water and moderately hard water.
 Dilution Control = receiving water (Housatonic River).

Table 3. Cumulative percent mortalities recorded during the 48-hour static acute toxicity test with *Daphnia pulex* exposed to General Electric Pittsfield Plant effluent, September 9-11, 2008.

Effluent Conc. (%)	24-hour						48-hour					
	A	B	C	D	E	Avg	A	B	C	D	E	Avg
Lab Control	0	0	0	0	0	0	0	20	0	0	0	4
Rec. Control	0	0	0	0	0	0	0	0	20	0	20	8
5%	0	0	0	0	0	0	20	0	0	0	0	4
15%	0	0	0	0	0	0	0	0	20	0	0	4
35%	0	0	0	0	0	0	20	0	0	0	20	8
50%	0	20	0	0	0	4	0	20	0	0	20	8
75%	0	0	0	0	0	0	20	0	20	0	0	8
100%	0	20	0	0	0	4	0	20	20	20	20	16

Lab Control = a mix of natural river water and moderately hard water.
 Dilution Control = receiving water (Housatonic River).

Percent mortality = (# dead/5) X 100

Appendix 1

Chain-of-Custody Documentation

Aquatec Biological Sciences

Chain-of-Custody Record

273 Commerce Street
Williston, VT 05495
TEL: (802) 860-1638
FAX: (802) 868-3189

COMPANY INFORMATION		COMPANY'S PROJECT INFORMATION				SHIPPING INFORMATION		VOLUME/CONTAINER TYPE/PRESERVATIVE																							
Name: General Electric Company Address: O'Brien & Gere 1000 East Street, Gate 64 City/State/Zip: Pittsfield, MA 01201 Telephone: (413) 494-6709 Facsimile: 494-7052 Contact Name: Sean Coyle		Project Name: GE PITTSFIELD Outfall Composite Project Number: 08008 Sampler Name(s): Joseph C. Hamlin NPDES Permit #: MA0003891 Quote #: 10/05 Client Code: GEPITTS				Carrier: <u>Priority Express</u> Airbill Number: _____ Date Shipped: <u>9-8-08</u> Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>4°C</th> <th>4°C</th> <th>4°C</th> <th>4°C</th> <th>4°C</th> </tr> <tr> <td>Plastic</td> <td>Plastic</td> <td>Plastic</td> <td>Glass</td> <td>Glass</td> </tr> <tr> <td>1 gal</td> <td>1/2 gal</td> <td>1 L</td> <td>40 ml</td> <td>40 mL</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>0.5 L</td> </tr> </table>				4°C	4°C	4°C	4°C	4°C	Plastic	Plastic	Plastic	Glass	Glass	1 gal	1/2 gal	1 L	40 ml	40 mL					0.5 L
4°C	4°C	4°C	4°C	4°C																											
Plastic	Plastic	Plastic	Glass	Glass																											
1 gal	1/2 gal	1 L	40 ml	40 mL																											
				0.5 L																											
SAMPLE IDENTIFICATION		COLLECTION		MATRIX		ANALYSIS (detection limits, mg/L)		NUMBER OF CONTAINERS																							
DATE	TIME	GRAB	COMPOSITE	EFFLUENT	RECEIVING	DATE	TIME	1	2	3	4																				
9-8-08	9:55		X	Effluent		Daphnia pulex 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS		1																							
9-8-08	9:55		X	Effluent		Total Residual Chlorine					1																				
9-8-08	8:45	X		Receiving		Dilution Water		1																							
9-8-08	8:45	X		Receiving		Total Residual Chlorine					1																				
Relinquished by: (signature) <i>Joseph C. Hamlin</i>		DATE	TIME	Received by: (signature) <i>Ronald Dakin</i>		NOTES TO SAMPLER(S): (1): Complete the labels (Date, time, initials) and cover the labels with clear tape. Tape the caps of the sample bottles to ensure that they do not become dislodged during shipment. Nest the samples in sufficient ice to maintain 0°C - 6°C. Results for samples received at temperatures exceeding 6°C will be qualified in the report.																									
Relinquished by: (signature) <i>Sean Coyle</i>		DATE	TIME	Received by: (signature) <i>J. Hamlin</i>		Notes to Lab: Ambient cooler temperature: <u>26°C</u> . Dechlorinate the effluent sample if chlorine is detected.																									
Relinquished by: (signature)		DATE	TIME	Received by: (signature)																											

Appendix 2 Summary of Test Conditions

Appendix 3
U.S. EPA Region 1 Toxicity Test Summary and
Statistical Flow Chart

TOXICITY TEST SUMMARY SHEET

Facility Name: GE Pittsfield, MA

Test Start Date: 09/09/08

NPDES Permit Number: MA0003891

Pipe Number: 001

Test Type	Test Species	Sample Type	Sampling Method
Acute	<i>Daphnia pulex</i>	EFFLUENT Unchlorinated	Composite

Dilution Water: Housatonic River

Receiving Water: Housatonic River

Effluent Sampling Dates: September 8, 2008

Concentrations Tested: 0% 5% 15% 35% 50% 75% 100% Permit Limit: NA

Was Effluent Salinity Adjusted? NA If yes, to what value? NA

With Sea Salts? NA Hypersaline Brine Solution? NA

Actual effluent concentrations tested after salinity adjustment in percent: Same as above.

Reference Toxicant Date: 08/12/08 – 08/14/08

Reference Toxicant Test Acceptable? Yes

Age and Age Range of Test Organisms: <24 hours

Source of Organisms: In-house cultures

PERMIT LIMITS AND TEST RESULTS

Test Acceptability Criteria: Mean Control Survival: 92 (%)

	Limits (%)		Results (%)
LC50	NA	48-Hour LC50	>100
		Upper Value	--
		Lower Value	--
		Data Analysis Method	Steel/Linear Interpolation
A-NOEC	NA	48-hour A-NOEC	100
C-NOEC	NA	C-NOEC	--
		LOEC	--
IC25	NA	IC25	--
IC50	NA	IC50	--

NA: Not Applicable

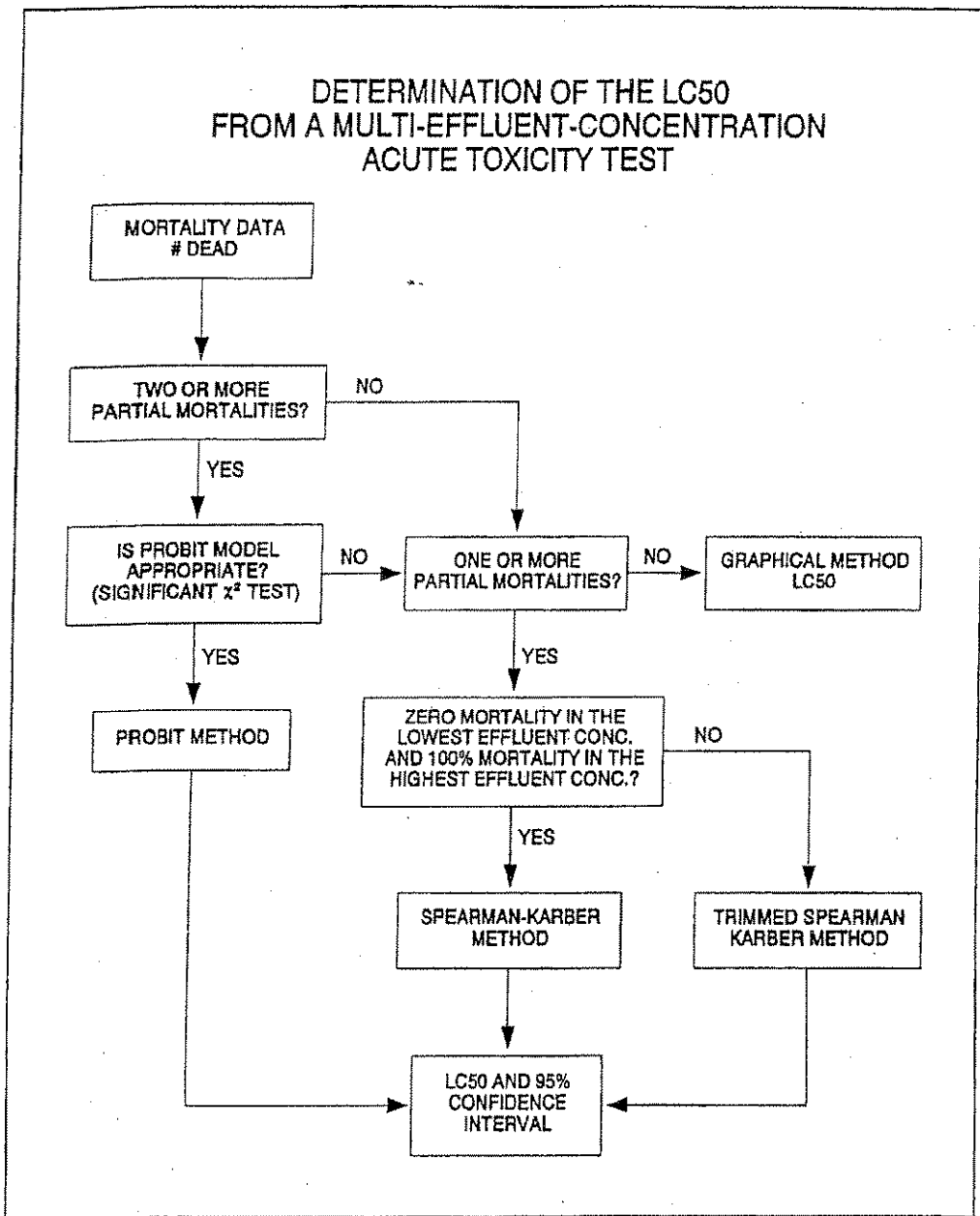


Figure 6. Flowchart for determination of the LC50 for multi-effluent-concentration acute toxicity tests.

**DETERMINATION OF THE NOAEC
FROM A MULTI-EFFLUENT-CONCENTRATION
ACUTE TOXICITY TEST**

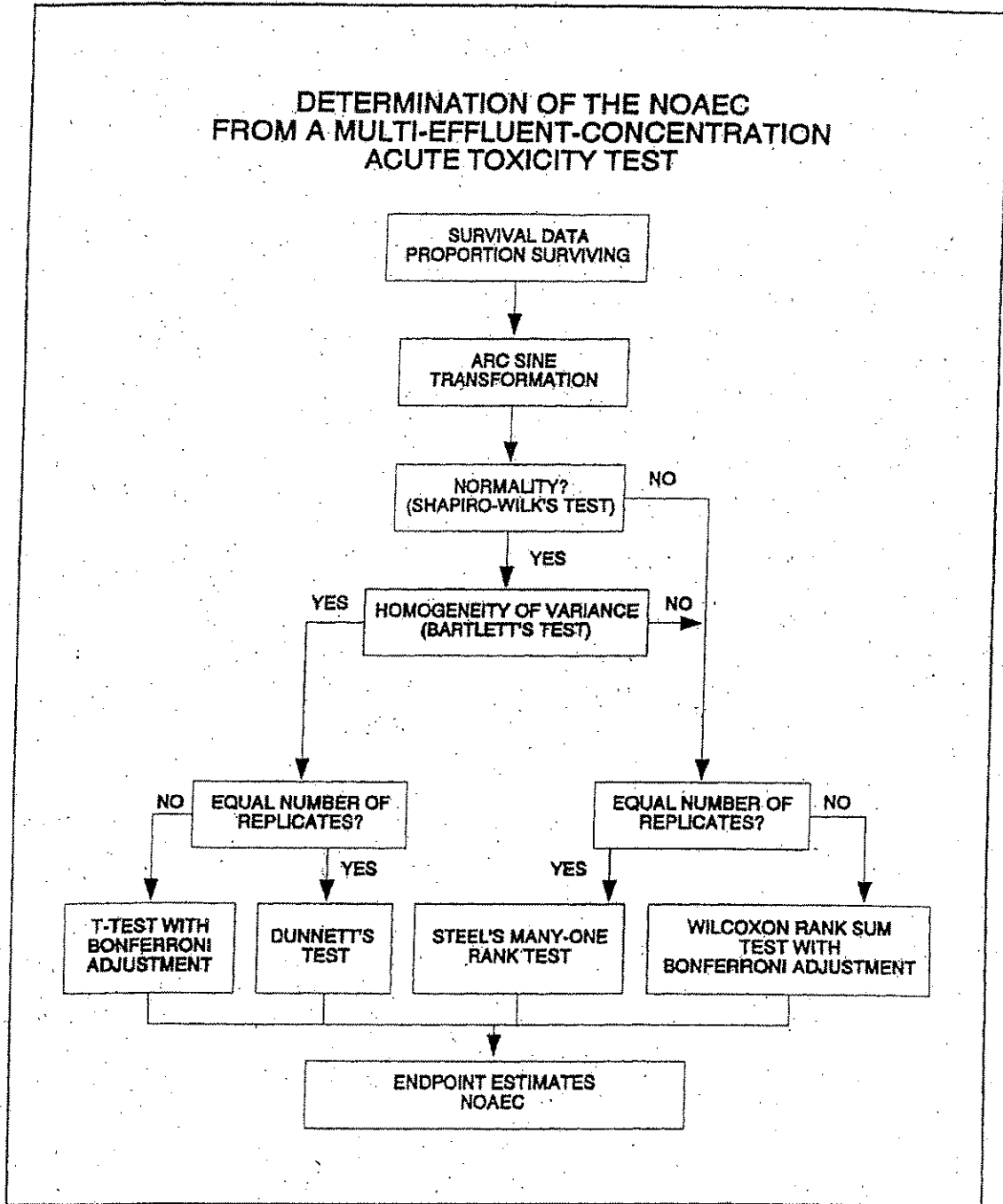


Figure 13. Flowchart for analysis of multi-effluent-concentration test data.

Appendix 4
Bench Data, *Daphnia pulex* Acute Toxicity Test

CETIS Summary Report

Report Date: 25 Sep-08 16:30 (p 1 of 1)
 Link/Link Code: 12-7184-5823/57431

Daphnia magna 48-h Acute Survival Test

Aquatec Biological Sciences, Inc

Test Run No: 14-6692-4331	Test Type: Survival (48h)	Analyst:
Start Date: 09 Sep-08 13:30	Protocol: EPA/821/R-02-012 (2002)	Diluent: Receiving Water
Ending Date: 11 Sep-08 13:50	Species: Daphnia magna	Brine:
Duration: 48h	Source: In-House Culture	Age:
Sample No: 13-7765-0998	Code: 11453	Client: GE Pittsfield
Sample Date: 08 Sep-08 09:55	Material: POTW Effluent	Project: WET Monthly Compliance Test (SEP)
Receive Date: 09 Sep-08 09:00	Source: NPDES Permit # MA0003891 (GE PITTS)	
Sample Age: 28h	Station: GE Pittsfield	

Comparison Summary

Analysis No	Endpoint	NOEL	LOEL	TOEL	PMSD	Method
19-9046-6583	48h Survival Rate	100	> 100	N/A	16.71%	Steel Many-One Rank Test

Point Estimate Summary

Analysis No	Endpoint	Effect-%	Conc-%	95% LCL	95% UCL	Method
02-9263-6419	48h Survival Rate	5	81.4583	N/A	N/A	Linear Interpolation (ICPIN)
		10	96.25	25.75	N/A	
		15	> 100	N/A	N/A	
		20	> 100	N/A	N/A	
		25	> 100	N/A	N/A	
		40	> 100	N/A	N/A	
		50	> 100	N/A	N/A	

Test Acceptability

Analysis No	Endpoint	Attribute	Test Stat	Acceptability Limits	Overlap	Decision
02-9263-6419	48h Survival Rate	Control Resp	0.92	0.9 - NL	Yes	Passes acceptability criteria
19-9046-6583	48h Survival Rate	Control Resp	0.92	0.9 - NL	Yes	Passes acceptability criteria

48h Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Dilution Water	5	0.92	0.879095	0.960905	0.8	1	0.02	0.109545	11.91%	0.0%
0	Lab Water	5	0.96	0.926602	0.993398	0.8	1	0.0163299	0.0894427	9.32%	-4.35%
5		5	0.96	0.926602	0.993398	0.8	1	0.0163299	0.0894427	9.32%	-4.35%
15		5	0.96	0.926602	0.993398	0.8	1	0.0163299	0.0894427	9.32%	-4.35%
35		5	0.92	0.879095	0.960905	0.8	1	0.02	0.109545	11.91%	0.0%
50		5	0.92	0.879095	0.960905	0.8	1	0.02	0.109545	11.91%	0.0%
75		5	0.92	0.879095	0.960905	0.8	1	0.02	0.109545	11.91%	0.0%
100		5	0.84	0.806602	0.873398	0.8	1	0.0163299	0.0894427	10.65%	8.7%

48h Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Dilution Water	1	1	0.8	1	0.8
0	Lab Water	1	0.8	1	1	1
5		0.8	1	1	1	1
15		1	1	0.8	1	1
35		0.8	1	1	1	0.8
50		1	0.8	1	1	0.8
75		0.8	1	0.8	1	1
100		1	0.8	0.8	0.8	0.8

CETIS Analytical Report

Report Date: 25 Sep-08 16:30 (p 1 of 2)
 Link/Link Code: 12-7184-5823/57431

Daphnia magna 48-h Acute Survival Test

Aquatec Biological Sciences, Inc

Analysis No: 19-9046-6583	Endpoint: 48h Survival Rate	CETIS Version: CETISv1.6.4
Analyzed: 25 Sep-08 16:30	Analysis: Nonparametric-Control vs Treatments	Official Results: Yes
Test Run No: 14-6692-4331	Test Type: Survival (48h)	Analyst:
Start Date: 09 Sep-08 13:30	Protocol: EPA/821/R-02-012 (2002)	Diluent: Receiving Water
Ending Date: 11 Sep-08 13:50	Species: Daphnia magna	Brine:
Duration: 48h	Source: In-House Culture	Age:
Sample No: 13-7765-0998	Code: 11453	Client: GE Pittsfield
Sample Date: 08 Sep-08 09:55	Material: POTW Effluent	Project: WET Monthly Compliance Test (SEP)
Receive Date: 09 Sep-08 09:00	Source: NPDES Permit # MA0003891 (GE PITTS)	
Sample Age: 28h	Station: GE Pittsfield	

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)		C > T	Not Run	100	>100	N/A	1	16.71%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Dilution Water		5	30	16	2	0.9557	Non-Significant Effect
		15	30	16	2	0.9557	Non-Significant Effect
		35	27.5	16	2	0.8571	Non-Significant Effect
		50	27.5	16	2	0.8571	Non-Significant Effect
		75	27.5	16	2	0.8571	Non-Significant Effect
		100	22.5	16	2	0.4265	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	Acceptability Limits	Overlap	Decision
Control Resp	0.92	0.9 - NL	Yes	Passes acceptability criteria

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.0680495	0.0113416	6	0.777778	0.5942	Non-Significant Effect
Error	0.4082969	0.0145820	28			
Total	0.4763464	0.0259236	34			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	0.501592	16.8119	0.9978	Equal Variances
Distribution	Shapiro-Wilk Normality	0.842968		0.0002	Non-normal Distribution

48h Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Dilution Water	5	0.92	0.878331	0.961669	0.8	1	0.0203419	0.109545	11.91%	0.0%
5		5	0.96	0.925978	0.994022	0.8	1	0.0166091	0.0894428	9.32%	-4.35%
15		5	0.96	0.925978	0.994022	0.8	1	0.0166091	0.0894428	9.32%	-4.35%
35		5	0.92	0.878331	0.961669	0.8	1	0.0203419	0.109545	11.91%	0.0%
50		5	0.92	0.878331	0.961669	0.8	1	0.0203419	0.109545	11.91%	0.0%
75		5	0.92	0.878331	0.961669	0.8	1	0.0203419	0.109545	11.91%	0.0%
100		5	0.84	0.805978	0.874022	0.8	1	0.0166091	0.0894429	10.65%	8.7%

Angular (Corrected) Transformed Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Dilution Water	5	1.25003	1.20042	1.29964	1.10715	1.34528	0.0242205	0.130431	10.43%	0.0%
5		5	1.29766	1.25715	1.33817	1.10715	1.34528	0.0197759	0.106497	8.21%	-3.81%
15		5	1.29766	1.25715	1.33817	1.10715	1.34528	0.0197759	0.106497	8.21%	-3.81%
35		5	1.25003	1.20042	1.29964	1.10715	1.34528	0.0242205	0.130431	10.43%	0.0%
50		5	1.25003	1.20042	1.29964	1.10715	1.34528	0.0242205	0.130431	10.43%	0.0%
75		5	1.25003	1.20042	1.29964	1.10715	1.34528	0.0242205	0.130431	10.43%	0.0%
100		5	1.15478	1.11427	1.19529	1.10715	1.34528	0.0197759	0.106497	9.22%	7.62%

CETIS Analytical Report

Report Date: 25 Sep-08 16:30 (p 2 of 2)
 Link/Link Code: 12-7184-5823/57431

Daphnia magna 48-h Acute Survival Test

Aquatec Biological Sciences, Inc

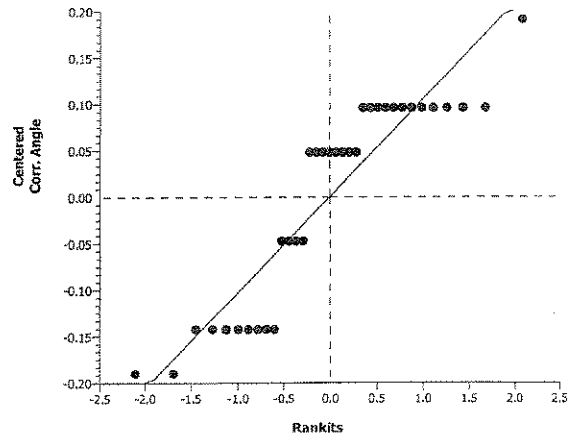
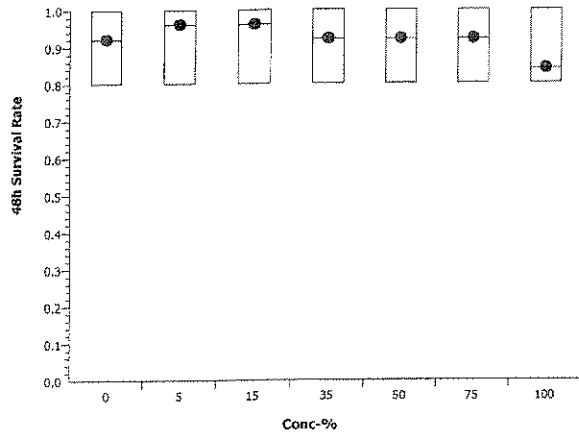
Analysis No: 19-9046-6583 Endpoint: 48h Survival Rate
 Analyzed: 25 Sep-08 16:30 Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.6.4
 Official Results: Yes

48h Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Dilution Water	1	1	1	0.8	0.8
5		1	1	1	1	0.8
15		1	1	1	1	0.8
35		1	1	1	0.8	0.8
50		1	1	1	0.8	0.8
75		1	1	1	0.8	0.8
100		1	0.8	0.8	0.8	0.8

Graphics



CETIS Analytical Report

Report Date: 25 Sep-08 16:30 (p 1 of 2)
 Link/Link Code: 12-7184-5823/57431

Daphnia magna 48-h Acute Survival Test			Aquatec Biological Sciences, Inc		
Analysis No: 02-9263-6419	Endpoint: 48h Survival Rate	CETIS Version: CETISv1.6.4			
Analyzed: 25 Sep-08 16:30	Analysis: Linear Interpolation (ICPIN)	Official Results: Yes			
Test Run No: 14-6692-4331	Test Type: Survival (48h)	Analyst:			
Start Date: 09 Sep-08 13:30	Protocol: EPA/821/R-02-012 (2002)	Diluent: Receiving Water			
Ending Date: 11 Sep-08 13:50	Species: Daphnia magna	Brine:			
Duration: 48h	Source: In-House Culture	Age:			
Sample No: 13-7765-0998	Code: 11453	Client: GE Pittsfield			
Sample Date: 08 Sep-08 09:55	Material: POTW Effluent	Project: WET Monthly Compliance Test (SEP)			
Receive Date: 09 Sep-08 09:00	Source: NPDES Permit # MA0003891 (GE PITTS)				
Sample Age: 28h	Station: GE Pittsfield				

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	57951	200	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	Acceptability Limits	Overlap	Decision
Control Resp	0.92	0.9 - NL	Yes	Passes acceptability criteria

Point Estimates

Effect-%	Conc-%	95% LCL	95% UCL
5	81.4583	N/A	N/A
10	96.25	25.75	N/A
15	> 100	N/A	N/A
20	> 100	N/A	N/A
25	> 100	N/A	N/A
40	> 100	N/A	N/A
50	> 100	N/A	N/A

48h Survival Rate Summary

Conc-%	Control Type	Count	Calculated Variate(A/B)								
			Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Dilution Water	5	0.92	0.8	1	0.02	0.109545	11.91%	0.0%	23	25
5		5	0.96	0.8	1	0.0163299	0.0894428	9.32%	-4.35%	24	25
15		5	0.96	0.8	1	0.0163299	0.0894428	9.32%	-4.35%	24	25
35		5	0.92	0.8	1	0.02	0.109545	11.91%	0.0%	23	25
50		5	0.92	0.8	1	0.02	0.109545	11.91%	0.0%	23	25
75		5	0.92	0.8	1	0.02	0.109545	11.91%	0.0%	23	25
100		5	0.84	0.8	1	0.01633	0.0894429	10.65%	8.7%	21	25

48h Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Dilution Water	1	1	0.8	1	0.8
5		0.8	1	1	1	1
15		1	1	0.8	1	1
35		0.8	0.8	1	1	1
50		1	0.8	1	1	0.8
75		0.8	1	0.8	1	1
100		1	0.8	0.8	0.8	0.8

CETIS Analytical Report

Report Date: 25 Sep-08 16:30 (p 2 of 2)
Link/Link Code: 12-7184-5823/57431

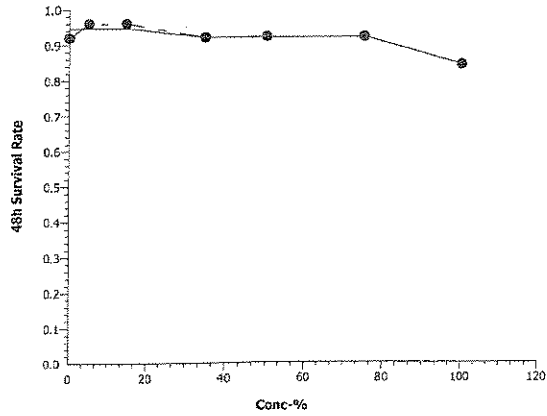
Daphnia magna 48-h Acute Survival Test

Aquatec Biological Sciences, Inc

Analysis No: 02-9263-6419 Endpoint: 48h Survival Rate
Analyzed: 25 Sep-08 16:30 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.6.4
Official Results: Yes

Graphics



Client: GENERAL ELECTRIC, PITTSFIELD, MA
 MA0003891

Test #: 57431

SDG: 11453

Test Description: *Daphnia pulex* 48-h static acute toxicity test

SURVIVAL DATA, SAMPLE 37917

Treatment (%)	Day 0	Day 1 # Surviving	Day 2 # Surviving	Treatment (%)	Day 0	Day 1 # Surviving	Day 2 # Surviving
Rec. A	5	5	5	Lab A	5	5	5
Water B	5	5	5	Contr B	5	5	4
Contr C	5	5	4	1:1 C	5	5	5
D	5	5	5	LR / MHW D	5	5	5
E	5	5	4	E	5	5	5
5.0 A	5	5	4	Dechlor. A	5		
B	5	5	5	Control B	5		
C	5	5	5	C	5		
D	5	5	5	D	5		
E	5	5	5	E	5		
15 A	5	5	5	Not enough neonates for Dechlor. Control. 9-9-08 JG			
B	5	5	5				
C	5	5	4				
D	5	5	5				
E	5	5	5				
35 A	5	5	4				
B	5	5	5				
C	5	5	5				
D	5	5	5				
E	5	5	4				
50 A	5	5	5				
B	5	4	4				
C	5	5	5				
D	5	5	5				
E	5	5	4				
75 A	5	5	4				
B	5	5	5				
C	5	5	4				
D	5	5	5				
E	5	5	5				
100 A	5	5	5				
B	5	4	4				
C	5	5	4				
D	5	5	4				
E	5	5	4				
Sample #	37917	37917					
VD/T	9-9-08 JG 13:30	9-10-08 13:50 JG	9-11-08 17:50 JG				

Aquatec Biological Sciences, Inc. Williston Vermont
 Reviewed by: JG Date: 9/30/08

GENERAL ELECTRIC, PITTSFIELD, MA

Client: GENERAL ELECTRIC, PITTSFIELD, MA
 MA0003891 OUTFALL 001

Test #: 57431

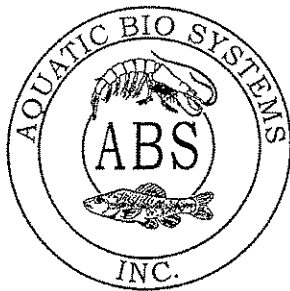
SDG: 11453

Test Description: *Daphnia pulex* 48-h static acute toxicity test

Treatment (%)	Parameter	Day 0	Day 1	Day 2
Dechlorination Control	pH	7.4	/	/
	DO	8.7		
	Temp	20.3		
	Cond.	230		
Lab Contr	pH	7.4		7.5
	DO	8.7		8.1
	Temp	20.2	19.8	20.0
	Cond.	225	-	230
Rec. Water Contr	pH	6.8		7.4
	DO	9.0		8.1
	Temp	20.1	19.9	19.8
	Cond.	163	-	175
5.0	pH	6.8		7.5
	DO	9.2		8.1
	Temp	20.3	19.9	19.9
	Cond.	206	-	215
15	pH	6.9		7.6
	DO	9.2		8.1
	Temp	20.2	19.7	19.9
	Cond.	301	-	302
35	pH	7.1		7.9
	DO	9.1		8.0
	Temp	20.2	19.9	19.9
	Cond.	476	-	464
50	pH	7.1		8.0
	DO	9.1		8.0
	Temp	20.3	19.8	19.8
	Cond.	605	-	590
75	pH	7.3		8.2
	DO	9.1		8.0
	Temp	20.3	19.8	19.8
	Cond.	813	-	782
100	pH	7.4		8.3
	DO	9.1		8.1
	Temp	20.3	19.8	19.8
	Cond.	1021	-	938
Sample #	37917	37917	37917	37917
I/D (2008)		9/9 JG	9/10 JG	9/11 JG

Dechlorination Control
 NOT TESTED - INSUFFICIENT
 neonates J

1300 Blue Spruce Drive, Suite C
Fort Collins, Colorado 80524



Toll Free: 800/331-5916
Tel: 970/484-5091 Fax: 970/484-2514

ORGANISM HISTORY

DATE: 9/8/08

SPECIES: Daphnia pulex

AGE: < 24 hour

LIFE STAGE: Neonates

HATCH DATE: 9/8/08 between 11:00 am. & 2:30 pm. MDT

BEGAN FEEDING: Immediately

FOOD: YTC, Selenastrum sp.

Water Chemistry Record:

	Current	Range
TEMPERATURE:	<u>25 °C</u>	<u>--</u>
SALINITY/CONDUCTIVITY:	<u>--</u>	<u>--</u>
TOTAL HARDNESS (as CaCO ₃):	<u>130 mg/l</u>	<u>--</u>
TOTAL ALKALINITY (as CaCO ₃):	<u>75 mg/l</u>	<u>--</u>
pH:	<u>7.90</u>	<u>--</u>

Comments:


Facility Supervisor

Received: 9-9-08
Temp. = 21.5 °C
pH = 7.1
D.O. = 6.0
Cond. = 334

Acclimated to 1:1
L-River / MTHW
Fed @ 11:30

Alkalinity and Hardness Worksheet

Sample Identifier	LIMS Identifier	Sub ID Code	Sampling Date	Sample Volume	Alkalinity			Hardness							
					Initial Titrant (ml)	Final Titrant (ml)	Analysis Date	Initial Titrant (ml)	Final Titrant (ml)	Analysis Date					
37920	Outfall Composite	EFF	9/9/2008	25	16.8	23.3	JG	9/11/2008	260.0	10	4	6.6	KK	9/9/2008	260.0
37921	Housatonic River A	RW	9/9/2008	25	23.3	24.6	JG	9/11/2008	52.0	50	6.6	9.6	KK	9/9/2008	60.0

CR
25 Sep

Aquatec Biological Sciences, Inc.
 273 Commerce Street
 Williston, VT 05495
 (802) 860-1638

Total Residual Chlorine Analysis

Client GE Pittsfield, MA	SDG 11453
------------------------------------	---------------------

Sample #	Sample ID	Collection Date / Time	Analysis Date/Time	Result (TRC mg/L)	Method
37917	Outfall Composite A9250C	9/8/08 09:55	9/9/08 16:35	0.07 *	DPD Colorimetric
37918	Housatonic River A9251R	9/8/08 08:45	9/9/08 16:35	0.08	DPD Colorimetric

*The effluent was not dechlorinated with sodium thiosulfate prior to use in the toxicity test because a secondary check for chlorine using a titrimetric method did not detect residual chlorine.

Sample Preparation

Client: GENERAL ELECTRIC, PITTSFIELD, MA MA0003891	SDG: 11453
Test Description: <i>Daphnia pulex</i> acute toxicity test.	Test #: 57431

Sample Identification:

Sample Description	Effluent	Rec. Water (Housatonic River)
Sample #	37917	37918

Sample Preparation:

Filtration	60 micron ✓	60 micron ✓
Chlorine ¹	ND	ND
Dechlorine ²	—	—
Salinity ^(‰)	1 ‰	0 ‰
Prepared by (Init./date)	9-9-08 JG	—

¹ Record vol. 0.025 N sodium thiosulfate to dechlorinate 100 mL sample or record "ND" (not detected).
² Dechlorination required if detected. Record vol. 0.25 N sodium thiosulfate added per gallon effluent.

Dilution Plan for: *Daphnia pulex* static acute toxicity test

Receiving water is the dilution water

Lab Control = moderately hard water / Lamoille River 1:1 mix

Dechlorination Control = moderately hard water / Lamoille River 1:1 mix + sodium thiosulfate (0.1 mL of 0.25 N sodium thiosulfate per 1 L.) Dechlor. CTL NOT RUN. JW

Concentration (%)	Volume Effluent (mL)	Volume Diluent (mL)	Total Volume (mL)
Laboratory Control	0	400	400
Thiosulfate Control	0	400	400
Rec. Water Control	0	400	400
5.0	20	380	400
15	60	340	400
35	140	260	400
50	200	200	400
75	300	100	400
100	400	0	400
Total Volume	1120	1680	

Comments:

Collect alkalinity and hardness samples on each new effluent and receiving water sample.

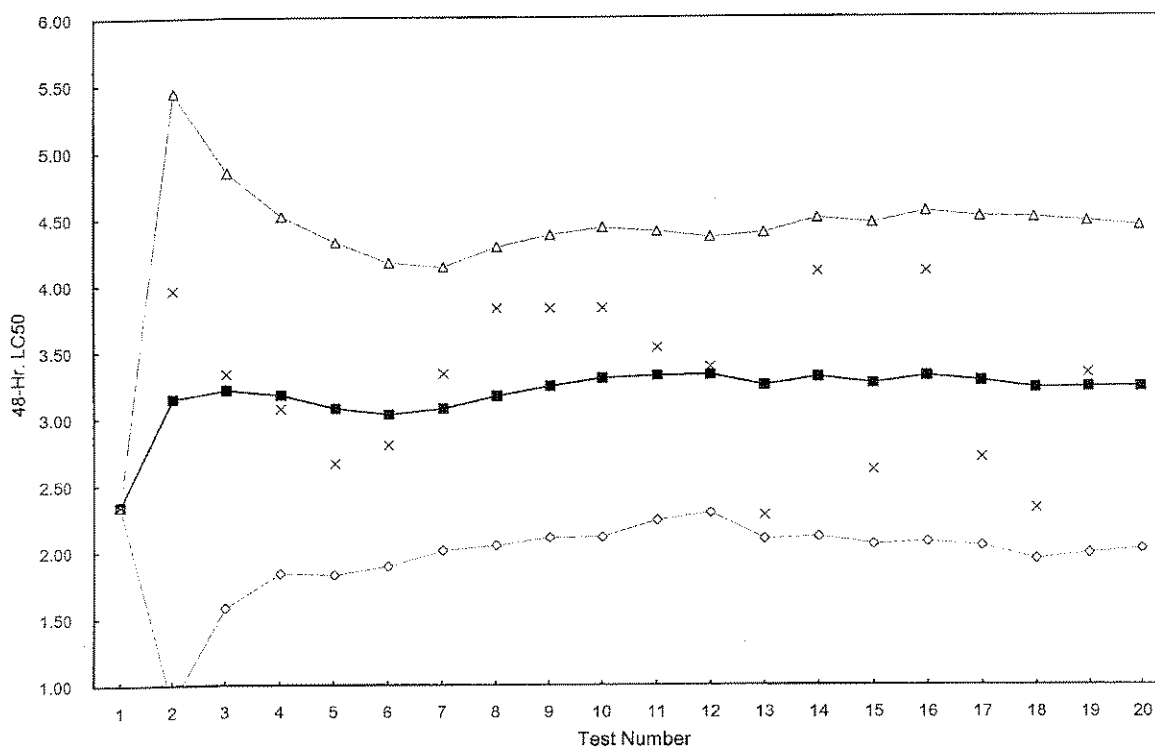
Appendix 5
Standard Reference Toxicant test Control Chart

Reference Toxicant Control Chart

Daphnia pulex

in Sodium chloride (g/L)

Test Number	Test Date	Organism Age (Days)	48-Hr. LC50	Mean LC50	Lower Limit	Upper Limit	Organism Source
1	02/07/07	1	2.34	2.34	2.34	2.34	Aquatec Biological Sciences
2	03/08/07	1	3.959	3.15	0.86	5.44	Aquatec Biological Sciences
3	04/18/07	1	3.329	3.21	1.58	4.84	Aquatec Biological Sciences
4	05/09/07	1	3.069	3.17	1.83	4.51	Aquatec Biological Sciences
5	06/26/07	1	2.661	3.07	1.82	4.32	Aquatec Biological Sciences
6	07/09/07	1	2.799	3.03	1.89	4.16	Aquatec Biological Sciences
7	07/10/07	1	3.329	3.07	2.01	4.13	Aquatec Biological Sciences
8	08/07/07	1	3.824	3.16	2.04	4.28	Aquatic BioSystems
9	09/06/07	1	3.824	3.24	2.10	4.37	Aquatec Biological Sciences
10	10/09/07	1	3.824	3.30	2.11	4.43	Aquatec Biological Sciences
11	11/07/07	1	3.527	3.32	2.23	4.40	Aquatec Biological Sciences
12	12/18/07	1	3.38	3.32	2.29	4.36	Aquatec Biological Sciences
13	01/06/08	1	2.27	3.24	2.09	4.39	Aquatec Biological Sciences
14	02/26/08	1	4.1	3.30	2.11	4.50	Aquatec Biological Sciences
15	03/06/08	1	2.61	3.26	2.05	4.46	Aquatec Biological Sciences
16	04/03/08	1	4.1	3.31	2.07	4.55	Aquatec Biological Sciences
17	05/05/08	1	2.704	3.27	2.04	4.51	Aquatec Biological Sciences
18	06/04/08	1	2.32	3.22	1.94	4.50	Aquatec Biological Sciences
19	07/08/08	1	3.33	3.23	1.98	4.47	Aquatec Biological Sciences
20	08/12/08	1	3.22	3.23	2.01	4.44	Aquatec Biological Sciences



qaqc\srts\Dp acute nacl recent

Appendix 6
SOP TOX2-001, Standard Operating Procedure for
Daphnid (*Ceriodaphnia dubia*, *Daphnia magna*, and
***Daphnia pulex*) Acute Toxicity Test**

Copies of our Revision 7 of SOP TOX2-001 have been submitted with a prior report. Any future revisions of this SOP will be submitted.

APPENDIX 2

Laboratory Reports

Columbia Analytical Services, Inc.
O'Brien & Gere, Inc.

COLUMBIA ANALYTICAL SERVICES

Reported: 09/18/08

General Electric

Project Reference:GE-PITTSFIELD NPDES-ACUTE/CHRON BIOMONITORING-9/08

Client Sample ID :A9250C

Date Sampled : 09/08/08
Date Received: 09/09/08

Order #: 1132636
Submission #: R2845747

Sample Matrix: WATER

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY					
AMMONIA	0.0500	0.149	MG/L	09/17/08	1.0
CHLORIDE	1.00	145	MG/L	09/11/08	2.0
TOTAL ALKALINITY	2.00	286	MG/L	09/11/08	1.0
TOTAL ORGANIC CARBON	1.00	7.50	MG/L	09/11/08	1.0
TOTAL PHOSPHORUS	0.0500	0.0500 U	MG/L	09/11/08	1.0
TOTAL SOLIDS	10.0	561	MG/L	09/10/08	1.0
TOTAL SUSPENDED SOLIDS	1.00	1.30	MG/L	09/10/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/18/08

General Electric

Project Reference:GE-PITTSFIELD NPDES-ACUTE/CHRON BIOMONIORING-9/08

Client Sample ID :A9250CCN

Date Sampled : 09/08/08

Order #: 1132645

Sample Matrix: WATER

Date Received: 09/09/08

Submission #: R2845747

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY TOTAL CYANIDE	0.0100	0.0258	MG/L	09/11/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/18/08

General Electric

Project Reference: GE-PITTSFIELD NPDES-ACUTE/CHRON BIOMONITORING-9/08

Client Sample ID : A9250CCN-FLTR

Date Sampled : 09/08/08

Order #: 1132646

Sample Matrix: WATER

Date Received: 09/09/08

Submission #: R2845747

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY TOTAL CYANIDE	0.0100	0.0100 U	MG/L	09/11/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/18/08

General Electric

Project Reference:GE-PITTSFIELD NPDES-ACUTE/CHRON BIOMONITORING-9/08

Client Sample ID :A9250CTM

Date Sampled : 09/08/08
Date Received: 09/09/08

Order #: 1132641
Submission #: R2845747

Sample Matrix: WATER

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
METALS					
ALUMINUM	0.0200	0.0300 B	MG/L	09/15/08	1.0
CADMIUM	0.500	0.500 U	ug/L	09/16/08	1.0
CALCIUM	1.00	61.8	MG/L	09/15/08	1.0
CHROMIUM	2.0	2.00 U	ug/L	09/16/08	1.0
COPPER	1.0	4.10	ug/L	09/16/08	1.0
LEAD	0.500	0.862	ug/L	09/16/08	1.0
MAGNESIUM	1.00	26.0	MG/L	09/15/08	1.0
NICKEL	1.0	1.90	ug/L	09/16/08	1.0
SILVER	1.0	1.00 U	ug/L	09/16/08	1.0
ZINC	5.0	14.9	ug/L	09/16/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/18/08

General Electric
Project Reference:GE-PITTSFIELD NPDES-ACUTE/CHRON BIOMONITORING-9/08
Client Sample ID :A9250CDM

Date Sampled : 09/08/08 Order #: 1132639 Sample Matrix: WATER
Date Received: 09/09/08 Submission #: R2845747

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
METALS					
ALUMINUM	0.0200	0.0200 U	MG/L	09/15/08	1.0
CADMIUM	0.500	0.500 U	ug/L	09/16/08	1.0
CHROMIUM	2.0	2.00 U	ug/L	09/16/08	1.0
COPPER	1.0	2.30	ug/L	09/16/08	1.0
LEAD	0.500	0.500 U	ug/L	09/16/08	1.0
NICKEL	1.0	1.70	ug/L	09/16/08	1.0
SILVER	1.0	1.00 U	ug/L	09/16/08	1.0
ZINC	5.0	25.6	ug/L	09/16/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/18/08

General Electric

Project Reference: GE-PITTSFIELD NPDES-ACUTE/CHRON BIOMONITORING-9/08

Client Sample ID : A9251R

Date Sampled : 09/08/08
Date Received: 09/09/08

Order #: 1132638
Submission #: R2845747

Sample Matrix: WATER

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY					
AMMONIA	0.0500	0.0500 U	MG/L	09/17/08	1.0
CHLORIDE	1.00	13.3	MG/L	09/11/08	1.0
TOTAL ALKALINITY	2.00	50.0	MG/L	09/11/08	1.0
TOTAL ORGANIC CARBON	1.00	7.20	MG/L	09/11/08	1.0
TOTAL PHOSPHORUS	0.0500	0.0500 U	MG/L	09/11/08	1.0
TOTAL SOLIDS	10.0	110	MG/L	09/10/08	1.0
TOTAL SUSPENDED SOLIDS	1.00	6.60	MG/L	09/10/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/18/08

General Electric

Project Reference:GE-PITTSFIELD NPDES-ACUTE/CHRON BIOMONIORING-9/08

Client Sample ID :A9251RCN

Date Sampled : 09/08/08

Order #: 1132643

Sample Matrix: WATER

Date Received: 09/09/08

Submission #: R2845747

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY TOTAL CYANIDE	0.0100	0.0100 U	MG/L	09/11/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/18/08

General Electric
Project Reference: GE-PITTSFIELD NPDES-ACUTE/CHRON BIOMONITORING-9/08
Client Sample ID : A9251RCN-FLTR

Date Sampled : 09/08/08 Order #: 1132644 Sample Matrix: WATER
Date Received: 09/09/08 Submission #: R2845747

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY TOTAL CYANIDE	0.0100	0.0100 U	MG/L	09/11/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/18/08

General Electric

Project Reference:GE-PITTSFIELD NPDES-ACUTE/CHRON BIOMONITORING-9/08

Client Sample ID :A9251RTM

Date Sampled : 09/08/08
Date Received: 09/09/08

Order #: 1132642
Submission #: R2845747

Sample Matrix: WATER

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
METALS					
ALUMINUM	0.0200	0.146	MG/L	09/15/08	1.0
CADMIUM	0.500	0.500 U	ug/L	09/16/08	1.0
CALCIUM	1.00	14.4	MG/L	09/15/08	1.0
CHROMIUM	2.0	2.00 U	ug/L	09/16/08	1.0
COPPER	1.0	1.20	ug/L	09/16/08	1.0
LEAD	0.500	0.609	ug/L	09/16/08	1.0
MAGNESIUM	1.00	5.32	MG/L	09/15/08	1.0
NICKEL	1.0	1.00 U	ug/L	09/16/08	1.0
SILVER	1.0	1.00 U	ug/L	09/16/08	1.0
ZINC	5.0	5.00 U	ug/L	09/16/08	1.0

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: 9/8/08

Acute Dry
Acute Wet
Chronic (Day 1 / 2 / or 3)

Effluent Composite

Sample # A7250
Date ~~9-5-08~~ 9-8-08
Time 9:55 AM
pH 7.44 su

River/Dilution Water

Sample # A7251R
Date 9-8-08
Time 8:45 AM
pH 7.22 su

Sean C. Coyle

 9/8/08
Signature & Date

Joseph C. Hamling

 9-8-08
Signature & Date

APPENDIX 3

Chain of Custody Forms

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR #

CAS Contact

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 3



Project Information		ANALYSIS REQUESTED (Include Method Number and Container Preservative)		PRESERVATIVE		NUMBER OF CONTAINERS		PRESERVATIVE		REMARKS/ ALTERNATE DESCRIPTION	
Project Number: NPDES PERMIT		Project Number: 01201		GCMS VOAs CLP		1		GCMS VOAs CLP		None listed	
Company/Address: J. Nicholson, GE.CEP, 157 PLASTICS AVE, BLDG 59, PITTSFIELD, MA.		Report CC: 01201		GCMS SVOAs CLP		1		GCMS SVOAs CLP		None listed	
Phone # (413) 448-5915		FAX# (413) 448-5935		PESTICIDES		1		PESTICIDES		None listed	
Sampler's Signature: Joseph C. Hamling		Sampler's Printed Name: Joseph C. Hamling		GC VOAs		1		GC VOAs		None listed	
FOR OFFICE USE ONLY		LAB ID		SAMPLING DATE		TIME		MATRIX			
A9250CTM		1132691		9-8-08		9:35 AM		H ₂ O			
A9251RTM		1132692		9-8-08		8:45 AM		H ₂ O			
A9250CDM		1132639		9-8-08		9:35 AM		H ₂ O			
A9250C		1132628		9-8-08		9:35 AM		H ₂ O			
A9251R		1132636		9-8-08		8:45 AM		H ₂ O			
A9250C		1132637		9-8-08		9:35 AM		H ₂ O			
A9251R		1132636		9-8-08		8:45 AM		H ₂ O			
A9250C		1132628		9-8-08		9:35 AM		H ₂ O			
A9251R		1132636		9-8-08		8:45 AM		H ₂ O			
SPECIAL INSTRUCTIONS/COMMENTS		TURNAROUND REQUIREMENTS		REPORT REQUIREMENTS		INVOICE INFORMATION					
Total Metals (7) - EPA Method 200.8 Copper, Lead, Zinc, cadmium, chromium, nickel, silver		RUSH (SURCHARGES APPLY) 24 hr 48 hr 5 day		I. Results Only		PO#					
Total Metals (3) - EPA Method 200.7 Aluminum, calcium, magnesium		STANDARD		II. Results + OC Summaries (LCS, DUP, MS/MSD as required)		BILL TO:					
Total Dissolved Metals (7) - EPA Method 200.8 Copper, Lead, Zinc, cadmium, chromium, nickel, silver		REQUESTED FAX DATE		III. Results + OC and Calibration Summaries							
Total Dissolved Metals (1) - EPA Method 200.7 Aluminum		REQUESTED REPORT DATE		IV. Data Validation Report with Raw Data							
See OAPP <input type="checkbox"/>		- SAMPLES PACKED IN ICE		V. Specialized Forms / Custom Report						SUBMISSION #: 20145717	
SAMPLE RECEIPT: CONDITION/COOLER TEMP:		RECEIVED BY		Edata Yes No						RECEIVED BY	
RELINQUISHED BY		RELINQUISHED BY		RELINQUISHED BY							
Signature: Joseph C. Hamling		Signature: [Signature]		Signature: [Signature]							
Printed Name: Joseph C. Hamling		Printed Name: [Name]		Printed Name: [Name]							
Firm: [Firm]		Firm: [Firm]		Firm: [Firm]							
Date/Time: 9-8-08 2:00 PM		Date/Time: [Date/Time]		Date/Time: [Date/Time]							

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM



One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475

PAGE 2 OF 3

SR #

CAS Contact

Project Name		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)		PRESERVATIVE	NUMBER OF CONTAINERS	REMARKS/ ALTERNATE DESCRIPTION	
Project Manager	Report CC	Client Sample ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	TIME				MATRIX
NPDES PERMIT									
J. Nicholson									
G.E. CEP									
159 PLASTICS AVE		BLOG 59							
PITTSFIELD MA 01201									
Phone #	(413) 448-5915	FAX #	(413) 448-5735						
Sampler's Signature	Joseph C. Hamling		Sampler's Printed Name	Joseph C. Hamling					
CLIENT SAMPLE ID	A9250 CCN	1132645		7-8-08	9:30 AM	H ₂ O			
	A9250 CCN-Filter	1132646		7-8-08	9:30 AM	H ₂ O			
	A9251 RCN	1132643		7-8-08	8:45 AM	H ₂ O			
	A9251 RCN-Filter	1132644		7-8-08	8:45 AM	H ₂ O			
	A9250 C	1132637		7-8-08	9:30 AM	H ₂ O			
	A9251 R	1132636		7-8-08	8:45 AM	H ₂ O			
	A9250 C	1132638		7-8-08	9:30 AM	H ₂ O			
	A9251 R	1132636		7-8-08	8:45 AM	H ₂ O			
SPECIAL INSTRUCTIONS/COMMENTS									
Metals									
① 270 ML of sample filtered through PAD									
- TOX Comp + TOX PH shows incl. w/COO's									
- Samples packed in ice									
See QAPP	<input type="checkbox"/>								
SAMPLE RECEIPT: CONDITION/COOLER TEMP:		RECEIVED BY		RECEIVED BY		CUSTODY SEALS: Y N		RECEIVED BY	
RELINQUISHED BY		RELINQUISHED BY		RELINQUISHED BY		RELINQUISHED BY		RELINQUISHED BY	
Signature	Joseph C. Hamling	Signature	Joseph C. Hamling	Signature	Joseph C. Hamling	Signature	Joseph C. Hamling	Signature	Joseph C. Hamling
Printed Name	Joseph C. Hamling	Printed Name	Joseph C. Hamling	Printed Name	Joseph C. Hamling	Printed Name	Joseph C. Hamling	Printed Name	Joseph C. Hamling
Firm	CEP	Firm	CEP	Firm	CEP	Firm	CEP	Firm	CEP
Date/Time	7-8-08 2:00 PM	Date/Time	7-8-08 10:15	Date/Time	7-8-08 10:15	Date/Time	7-8-08 10:15	Date/Time	7-8-08 10:15
TURNAROUND REQUIREMENTS		RUSH (SURCHARGES APPLY)		24 hr <input type="checkbox"/> 48 hr <input checked="" type="checkbox"/> 5 day <input type="checkbox"/>		STANDARD		REQUESTED FAX DATE	
I. Results Only		II. Results + QC Summaries (LCS, DUP, MS/MSD as required)		III. Results + QC and Calibration Summaries		IV. Data Validation Report with Raw Data		V. Specialized Forms / Custom Report	
Edata <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>								SUBMISSION #	
PO#		BILL TO:						RECEIVED BY	
INVOICE INFORMATION								RECEIVED BY	
								RECEIVED BY	

Cooler Receipt And Preservation Check Form

Project/Client PAH Field Submission Number _____

Cooler received on 9/9/08 by: LN COURIER: CAS UPS FEDEX VELOCITY CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO
4. Did any VOA vials have significant* air bubbles? YES NO N/A
5. Were Ice or Ice packs present? YES NO
6. Where did the bottles originate? CAS/ROC, CLIENT
7. Temperature of cooler(s) upon receipt: 3.4°C 3.0°C _____

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes
 If No, Explain Below No No No No No

Date/Time Temperatures Taken: 9/9/08 1040

Thermometer ID: 161 / IR GUN#2 / IR GUN#3 Reading From: Temp Blank / Sample Bottle

If out of Temperature, note packing/ice condition, Client Approval to Run Samples: _____

PC Secondary Review: 9/9/08

Cooler Breakdown: Date: _____ by: _____

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

pH	Reagent	Lot Received		Exp	Sample ID	Vol. Added	Lot Added	Final pH
		YES	NO					
≥12	NaOH							
≤2	HNO ₃							
≤2	H ₂ SO ₄							
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid				
	Na ₂ S ₂ O ₃	-	-		*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet			
	Zn Aceta	-	-					
	HCl	*	*					

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust: _____

Bottle lot numbers: _____

Other Comments: _____

PC Secondary Review: _____

*significant air bubbles are greater than 5-6 mm

9/8/2008

SLIT SAMPLE
CHRONIC AQUATIC TOXICITY COMPOSITE 9C1
ACUTE (DRY) AQUATIC TOXICITY COMPOSITE - SEPT 2008

Month: SEPT
Week: 2
Fiscal Wk: 37
Weather: DRY

*This Effluent sample is a flow proportioned composite made from 24 Hr
Composite samples collected at the indicated outfalls and specified times.*

Outfall #	Collection Time	Gallons/Day	MI in Composite	Percent of Composite
001	8:05AM	36.620	2,860.83	17.88%
004		0	-	0.00%
007		0	-	0.00%
64T	7:05AM	27.140	2,120.23	13.25%
64G	7:05AM	133,710	10,445.69	65.29%
09A		0	-	0.00%
09B	8:20AM	7.338	573.26	3.58%
		204,808	16000	100.00%

The Acute Toxicity Composite was made today by Joseph C. Handling @ 9:55 AM
according to the table above, and given the sample ID# A 7250C.

Joseph C. Handling
Signed
9-8-08
Date

Chain-of-Custody Form Number:	<u>6267</u>
Analysis:	<u>EFF. TOR. COMPOSITE</u>
TIME:	<u>9:55AM</u>
Location:	<u>9:55AM</u> Date: <u>9/8/08</u>
Sample Label Serial Number	A 09250C

ARCADIS

Attachment D

NPDES Chronic Biomonitoring
Report September 2008

October 6, 2008

Mr. Jeffrey Nicholson
GE Corporate Environmental Programs
159 Plastics Avenue
Pittsfield, MA 01201

Re: NPDES Chronic Biomonitoring Report for September 2008
Submission #s: R2845857, R2845943 and R2845986

Dear Mr. Nicholson:

Enclosed is our report on the Chronic Whole Effluent Toxicity testing conducted in September 2008. The Outfall Composite samples were collected on 9/15/08 at 10:00 am, 9/17/08 at 9:50 am and 9/19/08 at 9:40 am. The Housatonic River samples were collected on 9/15/08 at 8:50 am, 9/17/08 at 8:45 am and 9/19/08 at 8:50 am. The Outfall Composite and Housatonic River samples were analyzed at Columbia Analytical Services for total cyanide, ammonia, total organic carbon, total phosphorus, chloride, total solids, total suspended solids, total residual chlorine, and total metals. Dissolved metals were analyzed for only on the Outfall Composite samples. Results are presented in Appendix 2. The Outfall Composite and Housatonic River samples were sent directly by General Electric to Aquatec Biological Services for the chronic aquatic toxicity testing including the analysis of alkalinity, hardness, specific conductance, and pH. Results are presented in Appendix 1.

Should you have any questions please contact me at (585)288-5380 x130.

Thank you for allowing us to provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES



Carlton Beechler
Project Manager

enc.

CC: Pat Foos, Ruth Bates and Yelena Geyfman vial email.

NPDES BIOMONITORING REPORT

GENERAL ELECTRIC COMPANY

Pittsfield, MA

NPDES PERMIT MA 0003891

Reproductive Chronic Toxicity Monitoring

September 2008

WHOLE EFFLUENT TOXICITY TEST REPORT CERTIFICATION

I certify under penalty of law that this document and all ATTACHMENTS were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Executed on

_____ (Date)

_____ (Authorized Signature)

Michael T. Carroll

General Electric Co. -- Pittsfield, MA
Permit MA0003891

Prepared by: Carlton R. Beechler
October 7, 2008

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I. Summary	1
II. Review of Toxicity Analytical Results	2
III. Review of Wastewater Sampling Procedures	3
IV. Review of Individual Discharges	5

Table I – Summary of Analytical Test Results

Appendices:

1. Chemical and Acute Toxicity Data from Aquatec Biological Sciences
2. Laboratory Reports from Columbia Analytical Services, Inc. and O'Brien & Gere, Inc.
3. Chain of Custody Forms

I. Summary

On September 14-19, 2008 sampling of wastewater discharges from the General Electric Company facility in Pittsfield, MA was conducted in accordance with the chronic toxicity testing requirement of the GE NPDES Permit MA0003891. Three composite effluent samples were collected from GE outfalls 001, 005-64T, 005-64G and 09B over a 6-day period. Sampling dates were September 14-15, September 16-17 and September 18-19. If flow did not occur at an outfall during the 24 hour period, no sample was collected (see chain of custody records in Appendix 3 for details of the outfalls sampled during each period). Each set of samples were combined in a flow-proportioned manner to generate a single wastewater sample that was shipped via FedEx to Aquatec Biological Sciences in Williston, Vermont for chronic toxicity testing. Grab samples of Housatonic River water, to be used as dilution water in the toxicity test, were collected upstream of the GE discharges on September 15, 17 and 19 and shipped to AquaTec along with the wastewater composite. AquaTec dechlorinated the composite sample prior to the acute toxicity test following the toxicity reduction procedures summarized in a letter dated November 11, 1993 to EPA Region I from JG Ruebesam of General Electric Company. The composite wastewater sample and the dilution water sample were tested for chemical constituents by O'Brien & Gere, Inc. and Columbia Analytical Services. The analytical results are summarized in Table I and the detailed laboratory test data are include as Appendices to this report. As a result of land transfer documents executed on April 27, 2005 and recorded in the Berkshire County Registry of Deeds on May 2, 2005, Outfalls 001 and 004 were transferred to the Pittsfield Economic Development Authority (PEDA). Outfalls 001 and 004 DMRs will no longer be submitted under the GE NPDES Permit No. MA0003891. However, GE's NPDES Permit requires that the metal and toxicity composites to be made by compositing samples from the following outfalls: 001, 004, 005, 007, and 009. These two composites will continue to include an aliquot of water from outfall 001 and outfall 004, and will be reported on GE's DMR until further actions by the Agencies.

The results from Aquatec Biological Sciences for the chronic toxicity test on the wastewater discharge sample indicated a No Observed Chronic Effect Level (NOCEL) of 75%. No Limit is established for NOCEL in the GE NPDES permit.

II. Review of Toxicity Test Results

The wastewater discharge sample collected on September 14-15, September 16-17 and September 18-19 were tested for 7 day chronic toxicity using *Ceriodaphnia dubia* organisms. The sample did not require dechlorination with sodium thiosulfate (Na₂S₂O₃) prior to toxicity testing. Aquatec Biological Sciences reported the results of this toxicity testing as follows:

Effluent toxicity as NOCEL =	25%
Effluent toxicity as LC ₅₀ =	89.8%

No limit is established for NOCEL in the GE NPDES permit.

The following table summarizes the results of the control sample analyses performed by AquaTec during the chronic toxicity bioassay:

<u>Control Analysis</u>	<u>Result</u>	<u>Acceptable Limit</u>
Survival in 100% dilution water	100%	≥80%
Reproduction in 100% dilution water (average # of offspring/female/day)	34.5	≥15
Reproduction in 100% dilution water (% of females having three broods)	100%	≥60%

The survival and reproduction rate of *Ceriodaphnia* in the upstream dilution water control samples was within acceptable limits, indicating that the results of the toxicity test are valid.

III. Review of Wastewater Sampling Procedures

Three composite effluent samples of the individual NPDES wastewater discharges were collected over a 24-hour period. Each composite effluent sample was generated by combining samples from the individual NPDES discharges. Each group of individual samples collected over the same 24 hour period were composited in a flow-weighted manner to generate a single combined discharge sample for toxicity testing and chemical analysis.

The 24-hour composite samples from the individual discharges were collected as follows:

Each automatic sampler (at outfall 001, 64T, 64G, and 09B) was programmed to collect approximately 7 liters of wastewater into a 10-liter glass container in a time-proportioned manner over a 24-hour period. Outfalls 004, 007, and 09A have been plugged and no longer flow.

All sample containers were packed in ice or refrigerated to keep the wastewater samples cold during the 24-hour collection period.

Flow meter readings were taken at the beginning and end of the 24-hour collection period to determine the total 24-hour flow for each wastewater discharge.

At the end of the 24-hour collection period, the discharge samples were taken to Building 64G where O'Brien & Gere personnel composited these samples, in a flow weighted manner, to generate a single combined sample for the chronic toxicity test and the chemical analyses, as follows:

The proportions of each individual discharge sample needed to produce a single combined sample were calculated from the flow measurements. The calculated sample volumes were then transferred from their original collection containers to a 2.5 or 5 gallon mixing container. The combined discharge sample was then split into various containers for toxicity testing and chemical analyses. These containers were shipped by vendor courier to AquaTec for toxicity testing and by FedEx (overnight) to Columbia Analytical Services for chemical analyses. All samples were chilled with ice packs during shipment.

A grab sample of Housatonic River water was collected on the second day of each 24 hour period at the Lyman Road Bridge in Hinsdale, MA, upstream of the GE site. This sample was split for chemical analysis and toxicity testing in a similar manner as the combined effluent sample (see above).

Details of the times and dates of sample collection as well as the names of the individuals collecting and transporting the samples are provided on the chain of custody forms in Appendix 3 of this report.

IV. Review of Individual NPDES Discharges

The following is a brief description of each of the seven outfalls that are monitored for acute and chronic toxicity in accordance with NPDES Permit MA0003891 issued to the General Electric Company, Pittsfield, MA.

1. Outfall 001 is permitted to discharge storm water runoff from the oil/water separator in Building 31W to Silver Lake.
2. Outfall 004 is permitted to discharge storm water runoff to Silver Lake. (**Outfall plugged**)
3. Outfall 005 is permitted to discharge contact cooling water, non-contact cooling water, treated process water and storm water runoff from the Wastewater Treatment Plant in Building 64T, and treated groundwater from the Groundwater Treatment Plant in Building 64G to the Housatonic River. Monitoring samples are collected separately from the effluents of 64G and 64T. Both samples are included in the flow composite sample used for toxicity testing.
4. Outfall 007 is permitted to discharge stormwater runoff to the Housatonic River. (**Outfall plugged**)
5. Outfall 09A is permitted to discharge non-contact cooling water and stormwater runoff to Unkamet Brook. (**Outfall plugged**)
6. Outfall 09B is permitted to discharge non-contact cooling water, treated process water and stormwater runoff from the oil/water separator in Building 119W to Unkamet Brook.

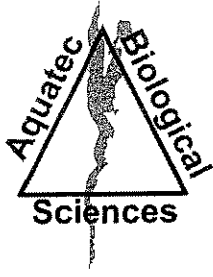
Table I – Summary of Analytical results for NPDES Outfall Composite Sample and Housatonic River Dilution Water September 14-19, 2008

Aquatic Chronic Toxicity Results:		No Observed Effect Level (NOCEL) =						25%
		LC50 =						89.8%
Chemical Analyses: (all results are mg/L unless otherwise indicated)								
		September 14-15	September 15	September 16-17	September 17	September 18-19	September 19	
		Effluent	Housatonic	Effluent	Housatonic	Effluent	Housatonic	
Parameter Tested	Laboratory	Composite	River	Composite	River	Composite	River	
Ammonia	CAS	0.161	ND (0.0500)	0.179	ND (0.0500)	0.392	ND (0.0500)	
Chloride	CAS	128	13.1	186	15.3	199	15.9	
Total Alkalinity	CAS	247	67.5	355	84.8	399	96.4	
Total Organic Carbon	CAS	6.90	6.64	8.28	6.38	9.91	5.78	
Total Phosphorus	CAS	ND (0.0500)	ND (0.0500)	ND (0.0500)	ND (0.0500)	ND (0.0500)	ND (0.0500)	
Total Solids	CAS	468	107	678	131	764	150	
Total Suspended Solids	CAS	1.40	2.10	1.30	3.00	ND (1.00)	1.00	
Hardness	Aquatec	230	72	310	90	420	110	
Spec. Conductance (umhos)	Aquatec	887	182	1224	223	1362	252	
pH (SU)	Aquatec	7.3	7.2	7.6	7.4	7.6	7.1	
TRC (start of toxicity test)	Aquatec	ND	ND	ND	ND	ND	ND	
Cyanide	CAS	0.0161	ND (0.0100)	0.0480	ND (0.0100)	0.0360	ND (0.0100)	
Cyanide (Sulfide Precipitation Filter)	CAS	ND (0.0100)	ND (0.0100)	ND (0.0100)	ND (0.0100)	ND (0.0100)	ND (0.0100)	
Aluminum, total	CAS	0.0374	0.0565	ND (0.0200)	0.0291	ND (0.0200)	ND (0.0200)	
Aluminum, dissolved	CAS	ND (0.0200)	NA	ND (0.0200)	NA	ND (0.0200)	NA	
Cadmium, total	CAS	ND (0.000500)	ND (0.000500)	ND (0.000500)	ND (0.000500)	ND (0.000500)	ND (0.000500)	
Cadmium, dissolved	CAS	ND (0.000500)	NA	ND (0.000500)	NA	ND (0.000500)	NA	
Chromium, total	CAS	ND (0.00200)	ND (0.00200)	ND (0.00200)	ND (0.00200)	ND (0.00200)	ND (0.00200)	
Chromium, dissolved	CAS	ND (0.00200)	NA	ND (0.00200)	NA	ND (0.00200)	NA	
Copper, total	CAS	0.00540	ND (0.00100)	0.00420	ND (0.00100)	0.00312	0.00110	
Copper, dissolved	CAS	0.00280	NA	0.00320	NA	0.00308	NA	
Lead, total	CAS	0.00220	ND (0.000500)	0.00230	ND (0.000500)	ND (0.000500)	ND (0.000500)	
Lead, dissolved	CAS	ND (0.000500)	NA	ND (0.000500)	NA	ND (0.000500)	NA	
Nickel, total	CAS	0.00200	ND (0.00100)	0.00250	ND (0.00100)	0.00231	ND (0.00100)	
Nickel, dissolved	CAS	0.00170	NA	0.00230	NA	0.00252	NA	
Silver, total	CAS	ND (0.00100)	ND (0.00100)	ND (0.00100)	ND (0.00100)	ND (0.00100)	ND (0.00100)	
Silver, dissolved	CAS	ND (0.00100)	NA	ND (0.00100)	NA	ND (0.00100)	NA	
Zinc, total	CAS	0.0266	0.00540	0.0131	ND (0.00500)	0.00604	0.00550	
Zinc, dissolved	CAS	0.0360	NA	0.0530	NA	0.0226	NA	
pH (SU)	OB&G	7.61	7.41	7.57	7.38	7.78	7.57	
Hardness	Aquatec	230	72	310	90	420	110	
NA – Not analyzed								

APPENDIX 1

Chemical and Acute Toxicity Data

Aquatec Biological Sciences



Aquatec Biological Sciences



Ecology



Environmental
Toxicology



Natural Resource
Assessments



Microbiology

September 30, 2008

Mr. Carl Beechler
Columbia Analytical Services,
1 Mustard Street – Suite 250
Rochester, NY 14609

Dear Mr. Beechler:

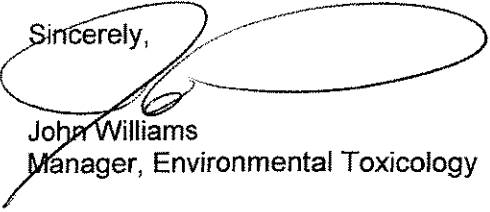
Attached please find the electronic transmission (PDF) of our report of the results for chronic whole effluent toxicity testing of samples received from GE Pittsfield, Massachusetts during September 2008.

According to the Chain-of-Custody documentation, samples for Whole Effluent Toxicity (WET) Testing were collected on September 15, 17, and 19, 2008. The samples were transported to Aquatec Biological Sciences, Inc. by courier and delivered on the day following collection. The initial effluent sample was logged in for the short-term chronic toxicity test with *Ceriodaphnia dubia* (EPA Method 1002.0). Subsequent effluent samples were used for toxicity test renewals. The receiving water samples were logged in for dilution water. A sub-sample of each sample was checked for residual chlorine (not detected) and for alkalinity and hardness measurements at Aquatec Biological Sciences, Inc. The toxicity test was started on September 16, 2008, within the specified holding time.

At the conclusion of the toxicity test on September 22, 2008, a final count of surviving organisms and offspring (neonates) was completed. The average survival was 100 percent in all test concentrations with the exception of the 100% effluent which had no survivors. The 48-h LC50 for *Ceriodaphnia dubia* was 89.8% effluent and the Chronic No-Observed-Effect Concentration (C-NOEC) reported as 25% resulting from a statistically significant reductions in reproduction in the 50%, 75%, and 100% effluent (Section 4.1 of the report).

If you have any questions regarding the report, please call Dr. Philip C. Downey or me.

Sincerely,



John Williams
Manager, Environmental Toxicology

This report consists of the following numbered pages:

1 - 48

**Chronic Whole Effluent Toxicity Testing
Of Wastewaters Discharged from
The General Electric Plant
Pittsfield, Massachusetts**

Samples Collected in September 2008

Submitted to:
**General Electric
Area Environmental & Facility Programs
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201**

SDG number: 11468

Effluent ID: Outfall Composite A9307C Aquatec sample number: 37943
Effluent ID: Outfall Composite A9323C Aquatec sample number: 37962
Effluent ID: Outfall Composite A9329C Aquatec sample number: 37999

Receiving water ID: Housatonic River A9308R Aquatec sample number: 37944
Receiving water ID: Housatonic River A9324R Aquatec sample number: 37963
Receiving water ID: Housatonic River A9330R Aquatec sample number: 38000
Study Director: John Williams

September 26, 2008

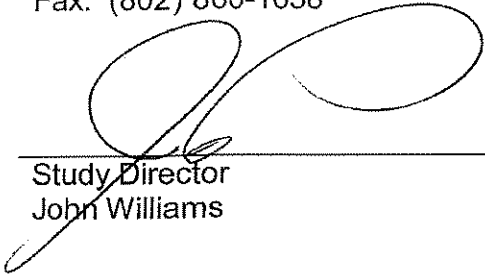
Submitted by:
**Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, Vermont 05454
Phone: (802) 860-1638 Fax: (802) 860-1638**

Accreditation: NH Environmental Laboratory Accreditation Program
NELAP / NELAC accredited for the requested analysis.

Signatures and Approval

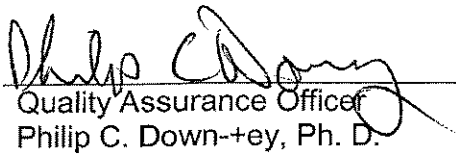
Submitted by:

Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, Vermont 05454
Phone: (802) 860-1638
Fax: (802) 860-1638



Study Director
John Williams

9/30/08
Date



Quality Assurance Officer
Philip C. Downey, Ph. D.

9/30/08
Date

Whole Effluent Toxicity Test Report Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Executed on: Date: September 26, 2008



Authorized signature

John Williams
Name

Manager, Environmental Toxicology
Title

Aquatec Biological Sciences, Inc.
Laboratory



Certificate # 1737

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Appendix 4	Bench Data, <i>Ceriodaphnia dubia</i> Chronic Toxicity Test
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**Summary
of
Chronic Survival and Reproduction Toxicity Test with
*Ceriodaphnia dubia***

Sponsor:	General Electric
Protocol title:	US EPA-821-R-02-013. <i>Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms</i> , 4 th Ed., September 23002. Method 1002.0
Aquatec SDG:	11468
Test material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE sample ID:	Outfall Composite A9307C Outfall Composite A9323C Outfall Composite A9329C
Dilution water:	Water from the Housatonic River (grab sample)
GE sample ID:	Housatonic River A9308R Housatonic River A9324R Housatonic River A9330R
Dates collected:	September 15, 17, and 19, 2008
Date received:	September 16, 18, and 20, 2008
Test dates:	September 16-22, 2008
Test concentrations:	100%, 75%, 50%, 25%, 12.5%, 6.25% effluent. Dilution water control (Housatonic River) Laboratory control 1 (culture water)

Acute Toxicity Values

Species	Exposure Period	48-hour LC50 (% effluent)	A-NOAC (% effluent)
<i>Ceriodaphnia dubia</i>	48 hours	89.8%	75%

Chronic Toxicity Values

Species	Endpoint	Exposure Period	C-NOEC (% effluent)	C-LOEC (% effluent)
<i>Ceriodaphnia dubia</i>	Survival	6 – 7 days	75%	100%
<i>Ceriodaphnia dubia</i>	Reproduction	6 – 7 days	25%	50%

1.0 Introduction

1.1 Background

In 1972, amendments were made to the Clean Water Act (CWA) prohibiting the discharge of any pollutant from a point source to waters of the United States, unless the discharge is authorized by a National Pollutant Discharge Elimination System (NPDES) permit. Since the passing of the 1972 amendments to the CWA, significant progress has been made in cleaning up industrial wastewater and municipal sewage point source discharges. EPA defines point sources as discrete discharges via pipes or man-made ditches.

In 1984, the U.S. Environmental Protection Agency (EPA) released a national policy statement and a supporting document that recommended, where appropriate, effluent permit limits should be based on effluent toxicity as measured in aquatic toxicity tests. Generally, permits require that no toxic discharge occur in toxic amounts. The routine use of dilution-series toxicity tests and/or biologically-based criteria (i.e., invertebrate and vertebrate community studies) have become increasingly utilized to calculate or estimate the potential toxicity of a discharge.

EPA has the authority to delegate primary responsibility for the implementation, permitting, and enforcement of NPDES regulations to appropriate State regulatory agencies. Even when EPA delegates this authority to the states, EPA still maintains oversight responsibility.

1.2 Objective of the General Electric Study

The objective of this study was to measure the chronic toxicity of the composite wastewater discharged by the General Electric facility located in Pittsfield, Massachusetts to the Housatonic River. The water flea, *Ceriodaphnia dubia*, is exposed to effluent and dilutions of effluent under static conditions with daily renewal of test solutions. *Ceriodaphnia dubia* is routinely used by regulatory agencies and by contract laboratories for toxicity testing and EPA has published guidance documents for the performance of this test (U.S. EPA, 2002).

A toxicity test was conducted from September 16-22, 2008 at Aquatec Biological Sciences, Inc. (Aquatec) located in Williston Vermont. Aquatec Biological Sciences, Inc. holds NELAC accreditation for the requested whole effluent toxicity test. All original raw data and the final report produced for this study are stored in Aquatec's archives in Williston, Vermont.

2.0 Materials and Methods

2.1 Protocol

Procedures used in this chronic toxicity test followed those described in the Aquatec Standard Operating Procedure (SOP) TOX2-002, Cladoceran, *Ceriodaphnia dubia* Survival and Reproduction Toxicity Test R4, May 4, 2008. This SOP generally follows the standard methodology presented in U.S. EPA. 2002 (EPA-821-R-02-013). *Methods for Measuring the Chronic Toxicity of*

Effluents and Receiving Waters to Freshwater Organisms, 4th Ed., September 23002, Method 1002.0 (as summarized in Appendix 2 of this report). A copy of the SOP has been previously submitted (Appendix 6, Controlled document - please do not copy or distribute.)

Additional SOPs used in this study are outlined below:

Title	SOP Number	Revision Date
Sample Acceptance	TOX1-017	Rev. 4, February, 2004
Hardness – total titrimetric method	TOX1-011	Rev. 3, May 2003
Alkalinity – total titrimetric method	TOX1-010	Rev. 6, April 2004
Thermo-Orion 145 A+ Conductivity Meter	TOX1-016	Rev. 1, April 2004
Dissolved oxygen	TOX1-006	Rev. 7, April 2004
pH measurement	TOX1-007	Rev. 2, April 2004
Salinity: refraction method	TOX1-008	Rev. 3, January, 2003

2.2 Effluent and Receiving Water Samples

Effluent samples were collected by GE personnel from September 14-15, 2008 (initial sample); September 16-17, 2008 (first renewal sample), and September 18-19, 2008 (second renewal sample). Receiving water samples were grab samples collected from the Housatonic River on September 15, 17, and 19, 2008. Samples were delivered to Aquatec on the same day or the following day after collection. Upon receipt at Aquatec on the temperature of the temperature blank contained within the cooler was within the range of 0.0°C to 6.0°C. The effluent and receiving water were prepared for testing and characterized (Table 1). The receiving water was the dilution water for preparing effluent concentrations and was also the reference control for statistical comparisons.

2.3 Control water

Laboratory control water for the toxicity test was a 1:1 mixture of laboratory reconstituted moderately hard water and 60-micron filtered river water collected from the Lamoille River, Vermont. This water was characterized for the following parameters at the beginning of the test: pH (7.3); dissolved oxygen (8.1 mg/L); conductivity (228 uS/cm).

2.4 Test Organism

Daphnids (*Ceriodaphnia dubia*), less than 24-hours old and collected within and eight-hour period were obtained from Aquatec laboratory cultures. The culture system consisted of brood boards with 1-oz cups containing approximately 20 mL of culture medium and one daphnid. The culture water was laboratory reconstituted moderately hard water mixed in a 1:1 ratio with filtered Lamoille River, VT water. Prior to use, the culture water was characterized:

Parameter	Result
Total hardness (mg/L)	Within range of 50-110 mg/L
Alkalinity (mg/L as CaCO ₃)	Within range of 60-70 mg/L
pH	Nominal 7.7 – 8.0

The culture area was maintained at a nominal temperature of 25°C (range 24 – 26 °C) with a regulated photoperiod of 16 hours light and 8 hours of darkness.

Daphnid cultures were fed daily a combination of green algae (*Selenastrum capricornutum*) and YCT obtained from Aquatic BioSystems of Fort Collins, Colorado. Daphnids were transferred to new culture medium daily.

Beginning approximately 24 hours before toxicity test initiation neonates were removed from the culture cups. Offspring produced within eight hours were used for toxicity testing when the neonates were 24 hours old or less.

2.5 Test Procedures

Prior to initiating the toxicity test, a sub-sample of effluent and receiving water was decanted for subsequent alkalinity and hardness determination. A sub-sample was also check for presence of chlorine to determine whether dechlorination of effluent is required. Chlorine was not detected, therefore dechlorination of the effluent was not required. The sample was then aerated and warmed to test temperature.

The toxicity test was conducted at effluent concentrations of 100%, 75%, 50%, 25%, 12.5%, and 6.25% effluent. Test concentrations were prepared by diluting the appropriate volume of effluent with dilution water to a total volume of 300 mL. Test solutions were then decanted to ten replicate 30-mL cups per concentration, each containing approximately 20 mL of test solution. Three sets of control replicates were also included in the test array, set up as the effluent replicates. The controls included: Housatonic River water (dilution control), a laboratory control (a mix of moderately hard water and Lamoille River, VT water), and a laboratory control with sodium thiosulfate added (dechlorination control). The dechlorination control was included in the test array even though residual chlorine was not detected in the effluent.

Prior to testing, daphnids less than 24-hours old were collected from the cultures, pooled in Carolina bowl, and fed. The test was initiated when the daphnid neonates were transferred to the replicate test cups, one daphnid per cup. The toxicity test cups were incubated to maintain temperature in the range of 24°C to 26 °C. The lighting cycle was 16 hours light and eight hours dark and a luminance of approximately 80 ft-c.

The criteria for ending the toxicity test was based upon the controls reaching an average of 15 neonates or more per female and at least 60 percent of surviving females having produced three broods during the test.

2.6 Test Monitoring

The number of surviving daphnids and the number of young produced was observed at approximately 24-hour intervals during the test, with the final count of surviving daphnids and young at the end of the test. Temperature was measured daily in one replicate of each test treatment. The parameters of pH, dissolved oxygen, and conductivity were measured daily on a composite of the test solutions before and after renewal.

Total hardness was measured by the EDTA titrimetric method and total alkalinity was measured by potentiometric titration to an endpoint of 4.5 on each new sample. The check for residual chlorine was performed with an acidified sample to which potassium iodide and starch indicator added. If chlorine was detected, the color was titrated away with 0.02 N sodium thiosulfate to determine the equivalent volume of 0.2 N sodium thiosulfate to add to effluent (if needed).

Dissolved oxygen was measured with a YSI Model 58 dissolved oxygen meter. A Beckman Phi 40 was used to measure pH. A Thermo-Orion Model 145 conductivity meter was used to measure conductivity.

2.7 Reference Toxicant Test

A acute / chronic standard reference toxicant (SRT) test was conducted monthly. The SRT test was conducted as a quality control procedure to establish the health and sensitivity of the test organisms. The SRT included four concentrations of reagent grade sodium chloride (NaCl) with nominal concentrations of 0.25, 0.5, 1.0, 2.0, and 3.0 g NaCl/L. Ten test replicates, each containing one daphnid were test at each concentration and the laboratory control.

3.0 Statistics

3.1 Statistical protocol

The concentration-response relationships observed were characterized by the median lethal concentration (LC50, based on survival data at 48-hours of the test), which was the calculated concentration lethal to 50 percent of the test organisms. If no concentrations resulted in 50% mortality, the LC50 was reported as greater than the highest concentration effluent (in this case >100% effluent), by direct observation. If greater than 50 percent mortality was observed in any effluent treatment, then a computer program (TOXIS2) was used to calculate the LC50 value, following the U.S. EPA statistical flowchart (Appendix 3).

The Acute-No-Observable-Effect Concentration (A-NOEC) was determined statistically using multiple comparison tests (TOXIS2), with the receiving water control as the reference.

The Chronic-No-Observable-Effect Concentration (C-NOEC) was determined based on the end-of-test survival and reproduction data using multiple comparison tests (TOXIS2), with the receiving water control as the statistical reference.

4.0 Results

4.1 Effluent Toxicity Test

Results of effluent and receiving water characterizations performed at Aquatec as part of the toxicity test are presented in Table 1. Water quality parameters measured during the toxicity test are presented in Table 2. Measured temperatures during the test were within the range of 23.2°C to 26.0°C. The percent survival data and number of offspring produced during the exposure for the toxicity test are presented in Table 3.

By day six, at least 60 percent of the reference control (receiving water) organisms had produced at least three broods with a minimum of 15 young per surviving female. The laboratory control also met the test acceptance criteria with equal to or greater than 80% survival and an average of more than 15 neonates per surviving female.

Acute toxicity was detected during this evaluation. The 48-hour LC50 value was 89.8% effluent. The A-NOEC was 75% effluent. Chronic toxicity was also demonstrated during this evaluation. The C-NOEC value was 25% effluent. And the C-LOEC was 50% effluent, indicating significant reductions in reproduction or survival or reproduction (relative to the receiving water control) in the 50%, 75%, and 100%.

4.2 Reference Toxicant Test

The most recent standard reference toxicant (SRT) test, conducted in July 2008, had a resulting 48-hour LC50 2.2 g NaCl/L and a chronic IC25 of 0.97 g NaCl/L. These values were within the Control Chart limits generated for SRT tests with *Ceriodaphnia dubia* in our laboratory.

5.0 Qualifiers

5.1 Qualifiers and Special Conditions

To the best of our knowledge, qualifiers or special conditions were not applicable to the reported toxicity test.

References

American Public Health Association, American Water Works Association, and Water Pollution Control Federation (APHA). 1989. Standard Methods for the Examination of Water and Wastewater. 17th Edition

U.S. Environmental Protection Agency, 2002. 4th Edition. *Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*. EPA-821-R-02-013.

Table 1. Results of the characterization of the General Electric Pittsfield Plant effluent and receiving water samples.

Parameter	OUTFALL COMPOSITE A9307C	OUTFALL COMPOSITE A9323C	OUTFALL COMPOSITE A9329C
Temperature	24.4	24.2	25.6
pH	7.3	7.6	7.6
Alkalinity (as CaCO ₃), mg/L	220	320	352
Hardness (as CaCO ₃), mg/L	230	310	420
Dissolved oxygen, mg/L	8.5	8.9	8.5
Specific conductivity, uS/cm	887	1224	1362
Total residual chlorine (mg/L)	ND	ND	ND
Parameter	Housatonic River A9308R	Housatonic River A9324R	Housatonic River A9330R
Temperature	24.3	24.4	25.9
pH	7.2	7.4	7.1
Alkalinity (as CaCO ₃), mg/L	64	80	92
Hardness (as CaCO ₃), mg/L	72	90	110
Dissolved oxygen, mg/L	8.4	9.0	8.8
Specific conductivity, uS/cm	182	223	252
Total residual chlorine (mg/L)	ND	ND	ND

Note: Characterizations reflect conditions of sample after preparation for the toxicity test. ND = not detected

Table 2. Water quality measurements (ranges) recorded during the chronic toxicity test with *Ceriodaphnia dubia* exposed to General Electric Pittsfield Plant effluent, September 16-22, 2008.

Test Concentration (% effluent)	pH	Dissolved Oxygen (mg/L)	Temperature (°C)	Conductivity (umhos/cm)
Lab Control	7.3 – 7.7	7.5 – 8.6	23.2 – 25.9	205 – 245
Reference Control	7.1 – 7.8	7.5 – 9.0	24.0 – 25.9	182 – 261
6.25%	7.2 – 7.9	7.4 – 9.0	23.9 – 25.9	228 – 336
12.5%	7.3 – 8.0	7.4 – 8.9	23.8 – 25.8	278 – 411
25%	7.3 – 8.1	7.4 – 8.9	23.8 – 25.8	370 – 553
50%	7.2 – 8.3	7.4 – 8.9	23.7 – 25.7	545 – 829
75%	7.3 – 8.4	7.4 – 8.9	23.5 – 25.7	711 – 1103
100%	7.3 – 8.4	7.4 – 8.6	23.6 – 25.9	872 – 1364

Lab Control = a mix of natural river water and moderately hard water.
 Dilution Control = receiving water (Housatonic River).

Table 3 a. Summary of percent survival and reproduction data recorded during the chronic toxicity test with *Ceriodaphnia dubia* exposed to General Electric Pittsfield Plant effluent, September 16-22 2008.

Test Concentration (% effluent)	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Lab Control	100	100	100	100	100	100	-
Reference Control	100	100	100	100	100	100	-
6.25%	100	100	100	100	100	100	-
12.5%	100	100	100	100	100	100	-
25%	100	100	100	100	100	100	-
50%	100	100	100	100	100	100	-
75%	100	100	100	100	100	100	-
100%	100	20	0	0	0	0*	-

*A significant reduction in survival relative to the Reference Control was observed.

Table 3 b. Summary of reproduction data (number of offspring produced) recorded during the chronic toxicity test with *Ceriodaphnia dubia* exposed to General Electric Pittsfield Plant effluent, September 16-22, 2008.

Test Concentration (% effluent)	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Mean Per female
Lab Control	0	0	61	0	90	80	-	23.1
Reference Control	0	0	60	0	125	160	-	34.5
6.25%	0	0	64	0	140	169	-	37.3
12.5%	0	0	45	0	143	172	-	36
25%	0	0	52	11	125	168	-	35.6
50%	0	0	22	16	112	140	-	29*
75%	0	0	0	17	65	97	-	17.9*
100%	0	0	0	0	0	0	-	0*

*A significant reduction in average number of neonates per female relative to the Reference Control was observed.

Lab Control = a mix of natural river water and moderately hard water.

Dilution Control = receiving water (Housatonic River).

Appendix 1

Chain-of-Custody Documentation

Aquatec Biological Sciences

Chain-of-Custody Record

273 Commerce Street
 Williston, VT 05495
 TEL: (802) 860-1638
 FAX: (802) 658-3189

COMPANY INFORMATION		COMPANY'S PROJECT INFORMATION				SHIPPING INFORMATION				VOLUME/CONTAINER TYPE/ PRESERVATIVE																			
Name: General Electric Company Address: O'Brien & Gere 1000 East Street, Gate 64 City/State/Zip: Pittsfield, MA 01201 Telephone: (413) 494-6709 Facsimile: 413 494 7052 Contact Name: Sean Coyle		Project Name: GE PITTSFIELD Outfall Composite - RENEWAL SAMPLE Project Number: 08008 Sampler Name(s): Jessup, C. Hamlin NPDES Permit #: MA0003891 Ship these samples on Wednesday. Quote #: 10/05 Client Code: GEPITTS				Carrier: <u>Priority Express</u> Airbill Number: _____ Date Shipped: <u>9-17-08</u> Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">4°C</td> <td style="width: 25%;">4°C</td> <td style="width: 25%;">4°C</td> <td style="width: 25%;">4°C</td> </tr> <tr> <td>Plastic</td> <td>Plastic</td> <td>Glass</td> <td>Glass</td> </tr> <tr> <td>1 gal</td> <td>1/2 gal</td> <td>40 ml</td> <td>40 mL</td> </tr> <tr> <td>1</td> <td>1</td> <td>2</td> <td></td> </tr> </table>				4°C	4°C	4°C	4°C	Plastic	Plastic	Glass	Glass	1 gal	1/2 gal	40 ml	40 mL	1	1	2	
4°C	4°C	4°C	4°C																										
Plastic	Plastic	Glass	Glass																										
1 gal	1/2 gal	40 ml	40 mL																										
1	1	2																											
SAMPLE IDENTIFICATION		COLLECTION		MATRIX		ANALYSIS		NUMBER OF CONTAINERS																					
Outfall Composite	DATE	TIME	GRAB	COMPOSITE	EFFLUENT	RECEIVING	DILUTION WATER	1	2																				
A9323C	9-17-08	9:50 AM	X	X	Effluent	Receiving	Dilution Water	1	2																				
10	9-17-08	8:45 AM	X																										
Housatonic River																													
Relinquished by: (signature)		DATE		TIME		Received by: (signature)																							
<i>Joseph C. Warding</i>		9-17-08		8:30		<i>Deanna B. Field</i>																							
Relinquished by: (signature)		DATE		TIME		Received by: (signature)																							
<i>Sean Coyle</i>		9/18/08		8:30		<i>Deanna B. Field</i>																							
Relinquished by: (signature)		DATE		TIME		Received by: (signature)																							
<i>Sean Coyle</i>						<i>Deanna B. Field</i>																							

NOTES TO SAMPLER(S): (1): Complete the labels (Date, time, initials) and cover the labels with clear tape. Tape the caps of the sample bottles to ensure that they do not become dislodged during shipment. Nest the samples in sufficient ice to maintain 0°C - 6°C. Results for samples received at temperatures exceeding 6°C will be qualified in the report.

Notes to Lab: Ambient cooler temperature: **43** °C. Dechlorinate the effluent sample if chlorine is detected.

Appendix 2 Summary of Test Conditions

Appendix 3
U.S. EPA Region 1 Toxicity Test Summary and
Statistical Flow Chart

TOXICITY TEST SUMMARY SHEET

TOXICITY TEST SUMMARY SHEET

Facility Name: GE Pittsfield, MA Test Start Date: 09/16/08

NPDES Permit Number: MA0003891 Pipe Number: 001

Test Type	Test Species	Sample Type	Sampling Method
Modified Chronic (Chronic Reporting LC50 Values)	<i>Ceriodaphnia dubia</i>	EFFLUENT (TRC Not detected)	Composite

Dilution Water: Receiving water (Housatonic River)

Receiving Water: Housatonic River

Effluent Sampling Dates: September 15, 17, 19, 2008

Concentrations Tested: 0% (Control) 5% 15% 35% 50% 75% 100%
Permit Limit: Report

Was Effluent Salinity Adjusted? NA If yes, to what value? NA

With Sea Salts? NA Hypersaline Brine Solution? NA

Actual effluent concentrations tested after salinity adjustment in percent: Same as above.

Reference Toxicant Date: 7/23/08 - 7/29/08
Reference Toxicant Test Acceptable: Yes

Age and Age Range of Test Organisms: <24 hours collected within an 8-hour period

Source of Organisms: In-house cultures

PERMIT LIMITS AND TEST RESULTS

Test Acceptability Criteria:

A. Dilution Water Control (Receiving water)
 Mean Control Survival: 100 (%) Mean Control Reproduction: 34.5 (neonates)

B. Receiving water Control
 See above data.

C. Lab Control:
 Mean Control Survival: 100 (%) Mean Control Reproduction: 23.1 (neonates)

Test variability: Test PMSD (reproduction): 13.4%

	Limits (%)		Results (%)
LC50	REPORT	48-Hour LC50	89.8
		Upper Value	95.0
		Lower Value	84.8
		Data Analysis Method	Spearman-Karber Steel's Many One
A-NOEC	REPORT	48-hour A-NOEC	75
C-NOEC	REPORT	C-NOEC	25
		LOEC	50
IC25	NA	IC25	54.6
IC50	NA	IC50	--

NA: Not Applicable

Reported Test Results Justification, PMSD Comparison Discussion and Concentration-Response Evaluation:

Control Results: Both the dilution water control (receiving water) and the laboratory control met survival and reproduction test acceptability criteria.

PMSD Comparison: The PMSD, a measure of test sensitivity, was within the bounds of acceptability (13%-47%) outlined in Table 6 of EPA-821-R-02-013 for reproduction, therefore the test endpoint values (C-NOEC, LOEC) were reported as calculated.

Concentration-Response Comparison: The concentration-response pattern most resembled a pattern of an ideal concentration-response relationship with multiple effluent concentrations identified as significantly different from the control with a monotonic decrease in the response. With this relationship, both the hypothesis testing (NOEC) and point estimation (LC50, IC25) techniques provide reliable results. Since the PMSD was also within the acceptance range for test sensitivity, the test results are considered to be valid and reportable.

STATISTICAL ANALYSIS OF CERIODAPHNIA SURVIVAL AND REPRODUCTION TEST

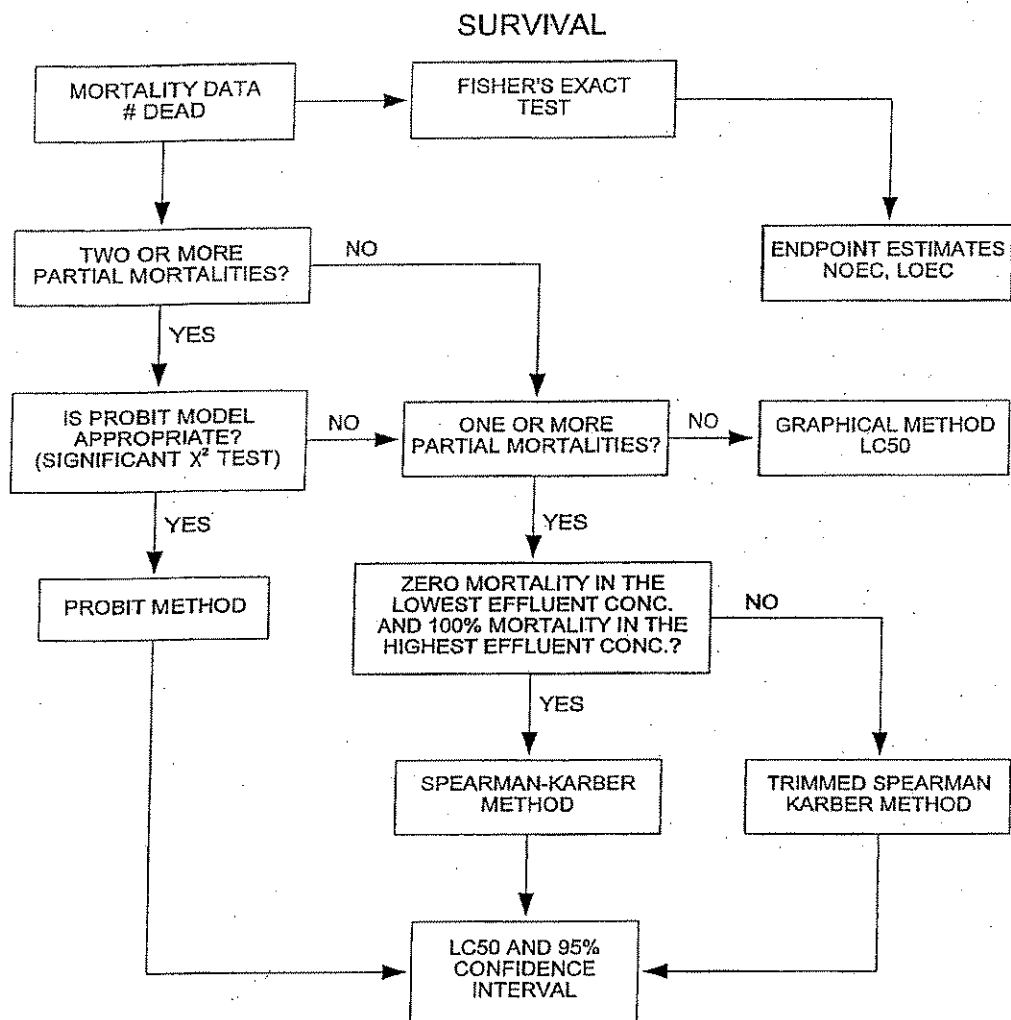


Figure 4. Flowchart for statistical analysis of the daphnid, *Ceriodaphnia dubia*, survival data.

STATISTICAL ANALYSIS OF CERIODAPHNIA SURVIVAL AND REPRODUCTION TEST

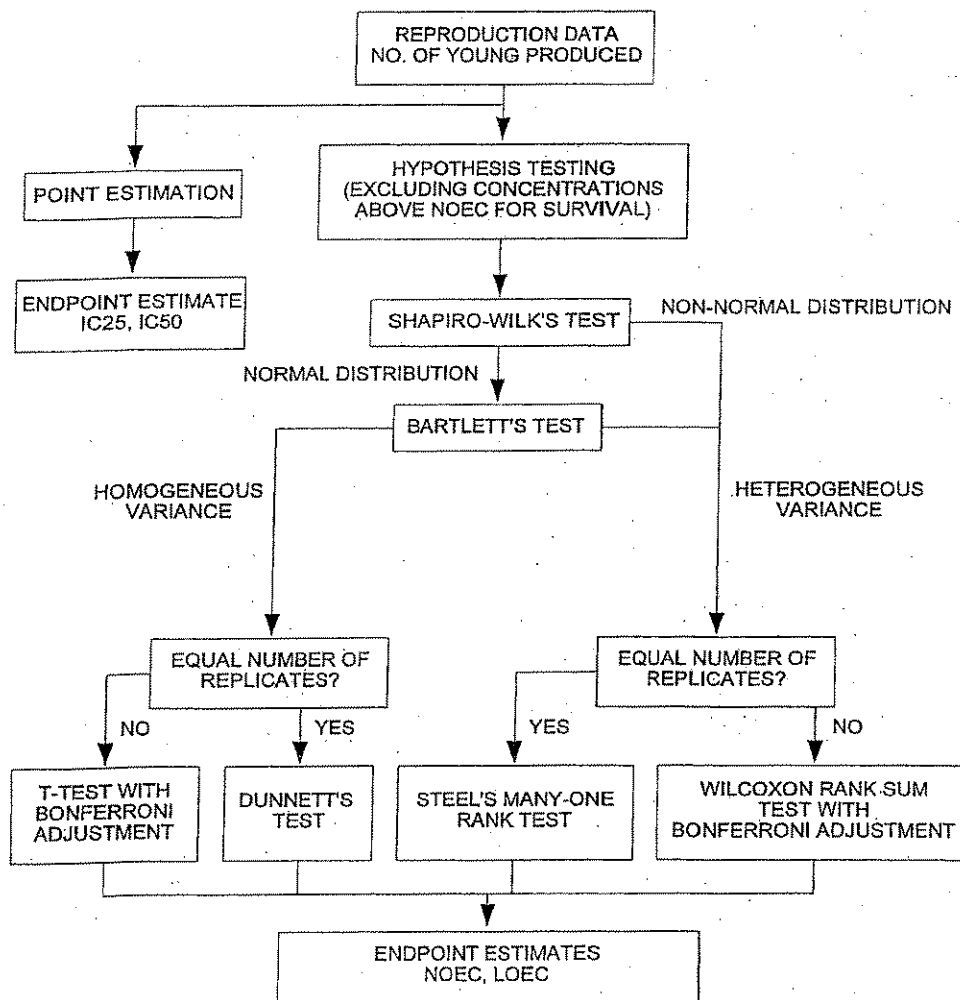


Figure 6. Flowchart for the statistical analysis of the daphnid, *Ceriodaphnia dubia*, reproduction data.

Appendix 4
Bench Data, *Ceriodaphnia dubia* Chronic Toxicity Test

CETIS Summary Report

Report Date: 25 Sep-08 16:12 (p 1 of 2)
 Link/Link Code: 03-7648-6184/57468

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Test Run No: 16-9862-9701 Test Type: Reproduction-Survival (7d) Analyst:
 Start Date: 16 Sep-08 10:16 Protocol: EPA/821/R-02-013 (2002) Diluent: Receiving Water
 Ending Date: 22 Sep-08 12:30 Species: Ceriodaphnia dubia Brine:
 Duration: 6d 2h Source: In-House Culture Age:

Sample No: 13-3108-8523 Code: 11468 Client: GE Pittsfield
 Sample Date: 15 Sep-08 10:00 Material: POTW Effluent Project:
 Receive Date: 16 Sep-08 08:15 Source: NPDES Permit # MA0003891 (GE PITTS)
 Sample Age: 24h Station: GE Pittsfield

Comparison Summary

Analysis No	Endpoint	NOEL	LOEL	TOEL	PMSD	Method
14-5900-8043	2d Survival Rate	75	100	86.6025	N/A	Fisher Exact/Bonferroni-Holm Test
11-8978-3127	7d Survival Rate	75	100	86.6025	N/A	Fisher Exact/Bonferroni-Holm Test
20-5474-8564	Reproduction	25	50	35.3553	13.36%	Steel Many-One Rank Test

Point Estimate Summary

Analysis No	Endpoint	Effect-%	Conc-%	95% LCL	95% UCL	Method
17-3495-7688	2d Survival Rate	50	89.7735	84.8115	95.0257	Trimmed Spearman-Kärber
05-9473-0853	Reproduction	5	30.5429	8.21429	33.9382	Linear Interpolation (ICPIN)
		10	37.3485	28.5846	43.8441	
		15	44.154	36.3938	51.2054	
		20	50.5706	43.6029	54.5139	
		25	54.6171	50.4207	58.53	
		40	66.7568	62.2007	73.8333	
		50	74.8499	68.882	78.7935	

Test Acceptability

Analysis No	Endpoint	Attribute	Test Stat	Acceptability Limits	Overlap	Decision
11-8978-3127	7d Survival Rate	Control Resp	1	0.8 - NL	Yes	Passes acceptability criteria
05-9473-0853	Reproduction	Control Resp	34.5	15 - NL	Yes	Passes acceptability criteria
20-5474-8564	Reproduction	Control Resp	34.5	15 - NL	Yes	Passes acceptability criteria
20-5474-8564	Reproduction	PMSD	0.133556	0.13 - 0.47	Yes	Passes acceptability criteria

2d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Dilution Water	10	1	1	1	1	1	0	0	0.0%	0.0%
0	Lab Water	10	1	1	1	1	1	0	0	0.0%	0.0%
6.25		10	1	1	1	1	1	0	0	0.0%	0.0%
12.5		10	1	1	1	1	1	0	0	0.0%	0.0%
25		10	1	1	1	1	1	0	0	0.0%	0.0%
50		10	1	1	1	1	1	0	0	0.0%	0.0%
75		10	1	1	1	1	1	0	0	0.0%	0.0%
100		10	0.2	0.0425582	0.357442	0	1	0.07698	0.421637	210.82%	80.0%

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Dilution Water	10	1	1	1	1	1	0	0	0.0%	0.0%
0	Lab Water	10	1	1	1	1	1	0	0	0.0%	0.0%
6.25		10	1	1	1	1	1	0	0	0.0%	0.0%
12.5		10	1	1	1	1	1	0	0	0.0%	0.0%
25		10	1	1	1	1	1	0	0	0.0%	0.0%
50		10	1	1	1	1	1	0	0	0.0%	0.0%
75		10	1	1	1	1	1	0	0	0.0%	0.0%
100		10	0	0	0	0	0	0	0		100.0%

CETIS Summary Report

Report Date: 25 Sep-08 16:12 (p 2 of 2)
 Link/Link Code: 03-7648-6184/57468

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Reproduction Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Dilution Water	10	34.5	31.7773	37.2227	15	42	1.33125	7.29155	21.13%	0.0%
0	Lab Water	10	23.1	21.1363	25.0637	12	30	0.960131	5.25886	22.77%	33.04%
6.25		10	37.3	35.9359	38.6641	31	44	0.666944	3.65301	9.79%	-8.12%
12.5		10	36	34.496	37.504	27	42	0.735351	4.02768	11.19%	-4.35%
25		10	35.6	35.0109	36.1891	34	39	0.288033	1.57762	4.43%	-3.19%
50		10	29	28.1934	29.8066	26	33	0.394405	2.16025	7.45%	15.94%
75		10	17.9	15.7991	20.0009	7	23	1.02722	5.62633	31.43%	48.12%
100		10	0	0	0	0	0	0	0		100.0%

2d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Dilution Water	1	1	1	1	1	1	1	1	1	1
0	Lab Water	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
75		1	1	1	1	1	1	1	1	1	1
100		0	1	1	0	0	0	0	0	0	0

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Dilution Water	1	1	1	1	1	1	1	1	1	1
0	Lab Water	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
75		1	1	1	1	1	1	1	1	1	1
100		0	0	0	0	0	0	0	0	0	0

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Dilution Water	35	36	38	33	37	37	38	34	42	15
0	Lab Water	12	30	23	22	26	27	23	17	27	24
6.25		37	35	40	37	39	34	31	40	44	36
12.5		37	34	27	38	36	42	33	37	37	39
25		34	37	36	36	35	36	39	35	34	34
50		26	32	27	28	29	30	28	29	28	33
75		18	22	21	16	23	22	21	20	9	7
100		0	0	0	0	0	0	0	0	0	0

CETIS Analytical Report

Report Date: 25 Sep-08 16:11 (p 1 of 2)
 Link/Link Code: 03-7648-6184/57468

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Analysis No: 20-5474-8564	Endpoint: Reproduction	CETIS Version: CETISv1.6.4
Analyzed: 25 Sep-08 16:11	Analysis: Nonparametric-Control vs Treatments	Official Results: Yes
Test Run No: 16-9862-9701	Test Type: Reproduction-Survival (7d)	Analyst:
Start Date: 16 Sep-08 10:16	Protocol: EPA/821/R-02-013 (2002)	Diluent: Receiving Water
Ending Date: 22 Sep-08 12:30	Species: Ceriodaphnia dubia	Brine:
Duration: 6d 2h	Source: In-House Culture	Age:
Sample No: 13-3108-8523	Code: 11468	Client: GE Pittsfield
Sample Date: 15 Sep-08 10:00	Material: POTW Effluent	Project:
Receive Date: 16 Sep-08 08:15	Source: NPDES Permit # MA0003891 (GE PITTS)	
Sample Age: 24h	Station: GE Pittsfield	

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed		C > T	Not Run	25	50	35.3553	4	13.36%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Dilution Water		6.25	115.5	75	4	0.9727	Non-Significant Effect
		12.5	109	75	6	0.9082	Non-Significant Effect
		25	98	75	4	0.6322	Non-Significant Effect
		50*	65.5	75	1	0.0063	Significant Effect
		75*	63	75	0	0.0035	Significant Effect

Test Acceptability

Attribute	Test Stat	Acceptability Limits	Overlap	Decision
Control Resp	34.5	15 - NL	Yes	Passes acceptability criteria
PMSD	0.133556	0.13 - 0.47	Yes	Passes acceptability criteria

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	2706.283	541.2567	5	26.719	0.0000	Significant Effect
Error	1093.9	20.25741	54			
Total	3800.184	561.514	59			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	24.096	15.0863	0.0002	Unequal Variances
Distribution	Shapiro-Wilk Normality	0.847494		0.0000	Non-normal Distribution

Reproduction Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Dilution Water	10	34.5	31.7264	37.2736	15	42	1.35401	7.29155	21.13%	0.0%
6.25		10	37.3	35.9105	38.6895	31	44	0.678346	3.65301	9.79%	-8.12%
12.5		10	36	34.468	37.532	27	42	0.747922	4.02768	11.19%	-4.35%
25		10	35.6	34.9999	36.2001	34	39	0.292957	1.57762	4.43%	-3.19%
50		10	29	28.1783	29.8217	26	33	0.401148	2.16025	7.45%	15.94%
75		10	17.9	15.7599	20.0401	7	23	1.04478	5.62633	31.43%	48.12%

Jg/26/08

CETIS Analytical Report

Report Date: 25 Sep-08 16:11 (p 2 of 2)
 Link/Link Code: 03-7648-6184/57468

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

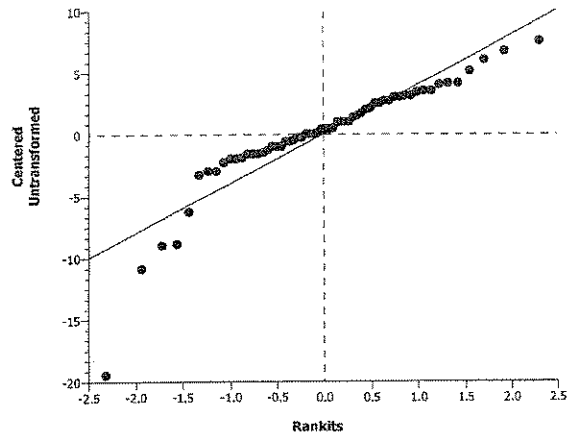
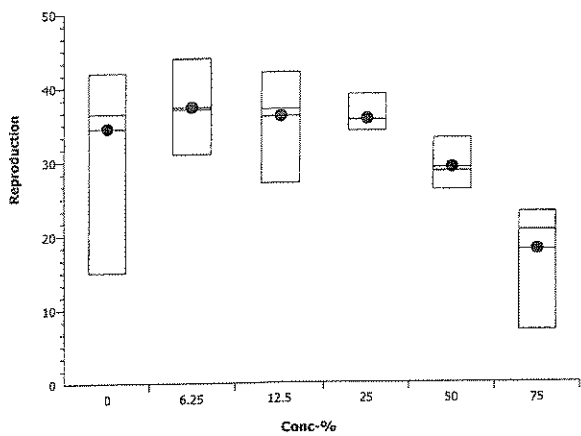
Analysis No: 20-5474-8564 Endpoint: Reproduction
 Analyzed: 25 Sep-08 16:11 Analysis: Nonparametric-Control vs Treatments

CETIS Version: CETISv1.6.4
 Official Results: Yes

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Dilution Water	42	38	38	37	37	36	35	34	33	15
6.25		44	40	40	39	37	37	36	35	34	31
12.5		42	39	38	37	37	37	36	34	33	27
25		39	37	36	36	36	35	35	34	34	34
50		33	32	30	29	29	28	28	28	27	26
75		23	22	22	21	21	20	18	16	9	7

Graphics



5/9/24/08

CETIS Analytical Report

Report Date: 25 Sep-08 16:11 (p 1 of 2)
 Link/Link Code: 03-7648-6184/57468

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Analysis No: 05-9473-0853	Endpoint: Reproduction	CETIS Version: CETISv1.6.4
Analyzed: 25 Sep-08 16:11	Analysis: Linear Interpolation (ICPIN)	Official Results: Yes
Test Run No: 16-9862-9701	Test Type: Reproduction-Survival (7d)	Analyst:
Start Date: 16 Sep-08 10:16	Protocol: EPA/821/R-02-013 (2002)	Diluent: Receiving Water
Ending Date: 22 Sep-08 12:30	Species: Ceriodaphnia dubia	Brine:
Duration: 6d 2h	Source: In-House Culture	Age:
Sample No: 13-3108-8523	Code: 11468	Client: GE Pittsfield
Sample Date: 15 Sep-08 10:00	Material: POTW Effluent	Project:
Receive Date: 16 Sep-08 08:15	Source: NPDES Permit # MA0003891 (GE PITTS)	
Sample Age: 24h	Station: GE Pittsfield	

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	57951	200	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	Acceptability Limits	Overlap	Decision
Control Resp	34.5	15 - NL	Yes	Passes acceptability criteria

Point Estimates

Effect-%	Conc-%	95% LCL	95% UCL
5	30.5429	8.21429	33.9382
10	37.3485	28.5846	43.8441
15	44.154	36.3938	51.2054
20	50.5706	43.6029	54.5139
25	54.6171	50.4207	58.53
40	66.7568	62.2007	73.8333
50	74.8499	68.882	78.7935

Reproduction Summary

Calculated Variate

Conc-%	Control Type	Count	Calculated Variate						
			Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Dilution Water	10	34.5	15	42	1.33125	7.29155	21.13%	0.0%
6.25		10	37.3	31	44	0.666944	3.65301	9.79%	-8.12%
12.5		10	36	27	42	0.735351	4.02768	11.19%	-4.35%
25		10	35.6	34	39	0.288033	1.57762	4.43%	-3.19%
50		10	29	26	33	0.394405	2.16025	7.45%	15.94%
75		10	17.9	7	23	1.02722	5.62633	31.43%	48.12%
100		10	0	0	0	0	0		100.0%

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Dilution Water	35	36	38	33	37	37	38	34	42	15
6.25		37	35	40	37	39	34	31	40	44	36
12.5		37	34	27	38	36	42	33	37	37	39
25		34	37	36	36	35	36	39	35	34	34
50		26	32	27	28	29	30	28	29	28	33
75		18	22	21	16	23	22	21	20	9	7
100		0	0	0	0	0	0	0	0	0	0

5/9/26/08

CETIS Analytical Report

Report Date: 25 Sep-08 16:11 (p 2 of 2)
Link/Link Code: 03-7648-6184/57468

Ceriodaphnia 7-d Survival and Reproduction Test

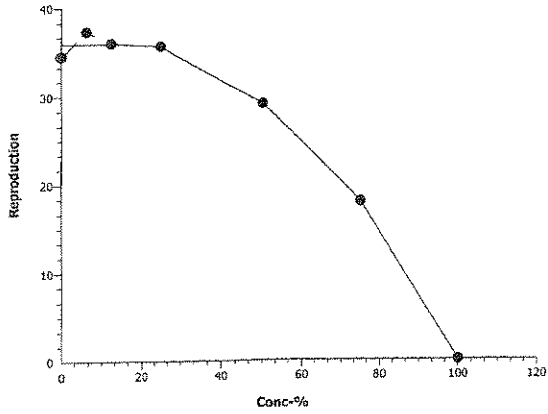
Aquatec Biological Sciences, Inc

Analysis No: 05-9473-0853
Analyzed: 25 Sep-08 16:11

Endpoint: Reproduction
Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.6.4
Official Results: Yes

Graphics



J9/26/08

CETIS Analytical Report

Report Date: 25 Sep-08 16:11 (p 1 of 1)
 Link/Link Code: 03-7648-8184/57468

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Analysis No: 17-3495-7688	Endpoint: 2d Survival Rate	CETIS Version: CETISv1.6.4
Analyzed: 25 Sep-08 16:11	Analysis: Trimmed Spearman-Kärber	Official Results: Yes
Test Run No: 16-9862-9701	Test Type: Reproduction-Survival (7d)	Analyst:
Start Date: 16 Sep-08 10:16	Protocol: EPA/821/R-02-013 (2002)	Diluent: Receiving Water
Ending Date: 22 Sep-08 12:30	Species: Ceriodaphnia dubia	Brine:
Duration: 6d 2h	Source: In-House Culture	Age:
Sample No: 13-3108-8523	Code: 11468	Client: GE Pittsfield
Sample Date: 15 Sep-08 10:00	Material: POTW Effluent	Project:
Receive Date: 16 Sep-08 08:15	Source: NPDES Permit # MA0003891 (GE PITTS)	
Sample Age: 24h	Station: GE Pittsfield	

Spearman-Kärber Estimates

Threshold Option	Threshold	Trim	Mu	Sigma	EC/LC50	95% LCL	95% UCL
Control Threshold	0	20.00%	1.95315	0.0123466	89.7735	84.8115	95.0257

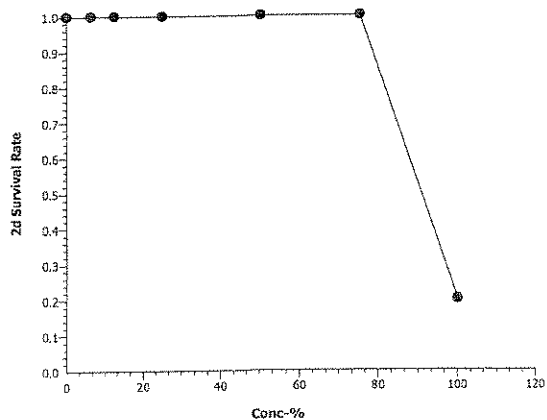
2d Survival Rate Summary

Conc-%	Control Type	Count	Calculated Variate(A/B)								
			Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Dilution Water	10	1	1	1	0	0	0.0%	0.0%	10	10
6.25		10	1	1	1	0	0	0.0%	0.0%	10	10
12.5		10	1	1	1	0	0	0.0%	0.0%	10	10
25		10	1	1	1	0	0	0.0%	0.0%	10	10
50		10	1	1	1	0	0	0.0%	0.0%	10	10
75		10	1	1	1	0	0	0.0%	0.0%	10	10
100		10	0.2	0	1	0.07698	0.421637	210.82%	80.0%	2	10

2d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Dilution Water	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
75		1	1	1	1	1	1	1	1	1	1
100		0	1	1	0	0	0	0	0	0	0

Graphics



J 9/26/08

CETIS Analytical Report

Report Date: 25 Sep-08 16:12 (p 1 of 2)
 Link/Link Code: 03-7648-6184/57468

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Analysis No: 14-5900-8043	Endpoint: 2d Survival Rate	CETIS Version: CETISv1.6.4
Analyzed: 25 Sep-08 16:11	Analysis: STP 2x2 Contingency Tables	Official Results: Yes
Test Run No: 16-9862-9701	Test Type: Reproduction-Survival (7d)	Analyst:
Start Date: 16 Sep-08 10:16	Protocol: EPA/821/R-02-013 (2002)	Diluent: Receiving Water
Ending Date: 22 Sep-08 12:30	Species: Ceriodaphnia dubia	Brine:
Duration: 6d 2h	Source: In-House Culture	Age:
Sample No: 13-3108-8523	Code: 11468	Client: GE Pittsfield
Sample Date: 15 Sep-08 10:00	Material: POTW Effluent	Project:
Receive Date: 16 Sep-08 08:15	Source: NPDES Permit # MA0003891 (GE PITTS)	
Sample Age: 24h	Station: GE Pittsfield	

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed		C > T	Not Run	75	100	86.6025	1.33333	N/A

Fisher Exact/Bonferroni-Holm Test

Control	vs	Conc-%	Test Stat	P-Value	Decision(0.05)
Dilution Water		6.25	1	1	Non-Significant Effect
		12.5	1	1	Non-Significant Effect
		25	1	1	Non-Significant Effect
		50	1	1	Non-Significant Effect
		75	1	1	Non-Significant Effect
		100	0.0003572	0.0021434	Significant Effect

Data Summary

Conc-%	Control Type	No-Resp	Resp	Total
0	Dilution Water	10	0	10
6.25		10	0	10
12.5		10	0	10
25		10	0	10
50		10	0	10
75		10	0	10
100		2	8	10

2d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Dilution Water	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
75		1	1	1	1	1	1	1	1	1	1
100		1	1	0	0	0	0	0	0	0	0

59/26/08

CETIS Analytical Report

Report Date: 25 Sep-08 16:12 (p 2 of 2)
Link/Link Code: 03-7648-6184/57468

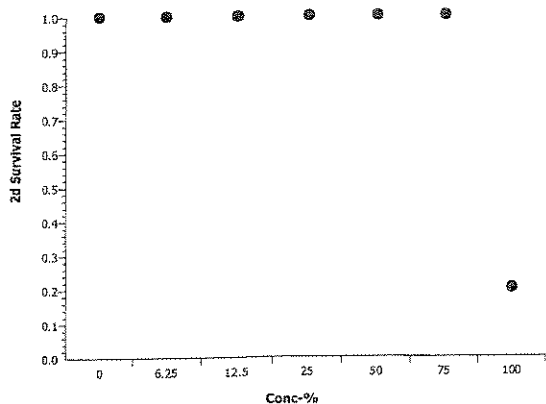
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Analysis No: 14-5900-8043 Endpoint: 2d Survival Rate
Analyzed: 25 Sep-08 16:11 Analysis: STP 2x2 Contingency Tables

CETIS Version: CETISv1.6.4
Official Results: Yes

Graphics



J 9/26/08

Day 3 Neonates											Day 3 Total Neonates
	1	2	3	4	5	6	7	8	9	10	
Lab	5	7	6	5	5	6	7	5	8	7	61
RW	6	5	7	3	6	6	6	5	8	8	60
6.25	7	7	6	5	7	6	5	6	8	7	64
12.5	4	5	4	3	6	6	4	5	4	4	45
25	6	6	5	4	7	8	4	3	3	6	52
50	0	4	0	0	5	4	0	4	0	5	22
75	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0

Day 4 Neonates											Day 4 Total Neonates
	1	2	3	4	5	6	7	8	9	10	
Lab	0	0	0	0	0	0	0	0	0	0	0
RW	0	0	0	0	0	0	0	0	0	0	0
6.25	0	0	0	0	0	0	0	0	0	0	0
12.5	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	11	11
50	3	0	0	4	0	0	3	2	4	0	16
75	0	2	3	0	4	2	2	3	1	0	17
100	0	0	0	0	0	0	0	0	0	0	0

Day 5 Neonates											Day 5 Total Neonates
	1	2	3	4	5	6	7	8	9	10	
Lab	7	11	9	10	10	9	8	7	9	10	90
RW	12	15	13	11	14	12	14	13	15	6	125
6.25	14	13	14	15	13	11	13	16	17	14	140
12.5	15	11	8	16	14	16	14	15	17	17	143
25	12	14	15	13	14	13	16	14	14	0	125
50	11	10	11	10	11	12	12	11	11	13	112
75	5	6	8	5	7	8	6	5	8	7	65
100	0	0	0	0	0	0	0	0	0	0	0

Day 6 Neonates											Day 6 Total Neonates
	1	2	3	4	5	6	7	8	9	10	
Lab	0	12	8	7	11	12	8	5	10	7	80
RW	17	16	18	19	17	19	18	16	19	1	160
6.25	16	15	20	17	19	17	13	18	19	15	169
12.5	18	18	15	19	16	20	15	17	16	18	172
25	16	17	16	19	14	15	19	18	17	17	168
50	12	18	16	14	13	14	13	12	13	15	140
75	13	14	10	11	12	12	13	12	0	0	97
100	0	0	0	0	0	0	0	0	0	0	0

J9/26/08

Ceriodaphnia dubia Survival and Reproduction Data (Page 1 of 4)

Client: CAS / GE PITTSFIELD Test #: 57468 SDG: 11468
 Test Description: *Ceriodaphnia dubia* acute / chronic toxicity tests

Effluent (%)	Repl 1	Repl 2	Repl 3	Repl 4	Repl 5	Repl 6	Repl 7	Repl 8	Repl 9	Repl 10	Remarks
Lab Ctrl	0	0	0	0	0	0	0	0	0	0	Day 0
Rec. Ctrl.	0	0	0	0	0	0	0	0	0	0	Sample: 37943
6.25	0	0	0	0	0	0	0	0	0	0	Fed Sel / YCT ✓
12.5	0	0	0	0	0	0	0	0	0	0	Sel Lot #: 090908 Sel
25	0	0	0	0	0	0	0	0	0	0	YCT Lot #: 090908 YC
50	0	0	0	0	0	0	0	0	0	0	Date/time/Init. KK 9/16/08 10:16
75	0	0	0	0	0	0	0	0	0	0	
100	0	0	0	0	0	0	0	0	0	0	

Lab Ctrl	0	0	0	0	0	0	0	0	0	0	Day 1
Rec. Ctrl.	0	0	0	0	0	0	0	0	0	0	Sample: 37943
6.25	0	0	0	0	0	0	0	0	0	0	Fed Sel / YCT ✓
12.5	0	0	0	0	0	0	0	0	0	0	Sel Lot #: Same
25	0	0	0	0	0	0	0	0	0	0	YCT Lot #: Same
50	0	0	0	0	0	0	0	0	0	0	Date/time/Init. KK 9/17/08 10:17
75	0	0	0	0	0	0	0	0	0	0	
100 ①	0	0	0	0	0	0	0	0	0	0	

Lab Ctrl	0	0	0	0	0	0	0	0	0	0	Day 2
Rec. Ctrl.	0	0	0	0	0	0	0	0	0	0	Sample: 37962
6.25	0	0	0	0	0	0	0	0	0	0	Fed Sel / YCT ✓
12.5	0	0	0	0	0	0	0	0	0	0	Sel Lot #: Same
25	0	0	0	0	0	0	0	0	0	0	YCT Lot #: Same
50	0	0	0	0	0	0	0	0	0	0	Date/time/Init. KK 9/18/08 14:05
75	0	0	0	0	0	0	0	0	0	0	
100	Δ	0	0	Δ	Δ	Δ	Δ	Δ	Δ	Δ	

0=original organism surviving, no young; Δ=original organism dead; ##=young released;
 *=lab-induced mortality. Receiving water is dilution water; Lab water is additional control.

① Adults are all lethargic & pale in the 100%. 9/17/08 KK
 all other concentrations are active.

Ceriodaphnia dubia Survival and Reproduction Data (Page 2 of 4)

Client: CAS / GE PITTSFIELD Test #: 57468 SDG: 11468

Test Description: *Ceriodaphnia dubia* acute / chronic toxicity tests

Effluent (%)	Repl 1	Repl 2	Repl 3	Repl 4	Repl 5	Repl 6	Repl 7	Repl 8	Repl 9	Repl 10	Remarks
Lab Ctrl	5	7	6	5	5	6	7	5	8	7	Day 3
Rec. Ctrl.	6	5	7	3	6	6	6	5	8	8	Sample: 37962
6.25	7	7	6	5	7	6	5	6	8	7	Fed Sel / YCT ✓
12.5	4	5	4	3	6	6	4	5	4	4	Sel Lot #: Same
25	6	6	5	4	7	8	4	3	3	6	YCT Lot #: Same
50	0	4	0	0	5	4	0	4	0	5	Date/time/Init. ^{KK} 9/19/08 11:45
75	0	0	0	0	0	0	0	0	0	0	
100	D	D	D	D	D	D	D	D	D	D	

Lab Ctrl	0	0	0	0	0	0	0	0	0	0	Day 4
Rec. Ctrl.	0	0	0	0	0	0	0	0	0	0	Sample: 37999
6.25	0	0	0	0	0	0	0	0	0	0	Fed Sel / YCT ✓
12.5	0	0	0	0	0	0	0	0	0	0	Sel Lot #: Same
25	0	0	0	0	0	0	0	0	0	11	YCT Lot #: Same
50	3	0	0	4	0	0	3	2	4	0	Date/time/Init. ^{KK} 9/20/08 14:45
75	0	2	3	0	4	2	2	3	1	0	
100	D	D	D	D	D	D	D	D	D	D	

Lab Ctrl	7	11	9	10	10	9	8	7	9	10	Day 5
Rec. Ctrl.	12	15	13	11	14	12	14	13	15	6	Sample: 37999
6.25	14	13	14	15	13	11	13	16	17	14	Fed Sel / YCT ✓
12.5	15	11	8	16	14	16	14	15	17	17	Sel Lot #: Same
25	12	14	15	13	14	13	16	14	14	0	YCT Lot #: Same
50	11	10	11	10	11	12	12	11	11	13	Date/time/Init.
75	5	6	8	5	7	8	6	5	8	7	9-21-08
100	D	D	D	D	D	D	D	D	D	D	11:15 JG

0=original organism surviving, no young; D=original organism dead; ## young released;
 *=lab-induced mortality. Receiving water is dilution water; Lab LR/MHW water is additional control.

Ceriodaphnia dubia Survival and Reproduction Data (Page 3 of 4)

Client: CAS / GE PITTSFIELD	Test #: 57468	SDG: 11468
Test Description: <i>Ceriodaphnia dubia</i> acute / chronic toxicity tests		

Effluent (%)	Repl 1	Repl 2	Repl 3	Repl 4	Repl 5	Repl 6	Repl 7	Repl 8	Repl 9	Repl 10	Remarks
Lab Ctrl	0	12	8	7	11	12	8	5	10	7	Day 6 Test
Rec. Ctrl.	17	16	18	19	17	19	18	16	19	1	Sample: ended
6.25	16	15	20	17	19	17	13	18	19	15	Fed Sel / YCT
12.5	18	18	15	19	16	20	15	17	16	18	Sel Lot #: —
25	16	17	16	19	14	15	19	18	17	17	YCT Lot #: —
50	12	18	16	14	13	14	13	12	13	15	Date/time/Init.
75	13	14	10	11	12	12	13	12	0	0	9-22-08
100	D	D	D	D	D	D	D	D	D	D	12:30 JG

Lab Ctrl											Day 7
Rec. Ctrl.											Sample:
6.25											Fed Sel / YCT
12.5											Sel Lot #:
25											YCT Lot #:
50											Date/time/Init.
75											
100											

Lab Ctrl											Day 8
Rec. Ctrl.											Sample:
6.25											Fed Sel / YCT
12.5											Sel Lot #:
25											YCT Lot #:
50											Date/time/Init.
75											
100											

0=original organism surviving, no young; D=original organism dead; #=# young released;
 *=lab-induced mortality. Receiving water is dilution water; Lab LR/MHW water is additional control.

Aquatec Biological Sciences Williston, Vermont

Reviewed by: J Date: 9/26/08

GE TOX FORMS Cd

Documentation of Collection of *Ceriodaphnia dubia* for Toxicity Testing

Brood Board	Date / Time Init. when cleared of Neonates	Date / Time Init. when neonates collected	No. Cups with 8 or more neonates	Fed YCT / Selenastrum (Lot #s)
9/9 JWW4	9/15/08 KK 11:50	9/15 17:22	3 3 J	✓
9/10 B	9/15/08 KK 12:15	J	11	✓
9/14 A	9/15/08 KK 12:30			—
9/14 B	9/15/08 KK 12:50		2	✓
9/9 Jww4	9/15/08 17:22	9/15		
9/10 B		9/15		
9/14 A				
9/14 B				
Jww5	9/15/08 22:00	9/15 22:00	0	
9/10 B				
Jww4	9/15/08 22:03	9/15 22:03	4	

Project Description / Test Use: GE Pitts. Chronic C.d.

cdcoll.doc

9/10 B 09/16/08 - 05:58 4
 Jww4 06:05 J+08
 Jww5 06:09 3

Water Chemistry Data

Client: CAS / GE PITTSFIELD Test Description: C. dubia acute / chronic toxicity * Test #: 57468 SDG: 11468

		FINAL WATER CHEMISTRY DATA						
Day:		1	2	3	4	5	6	7
Lab Contr 1:1 LR MHW	pH	7.6	7.7	7.6	7.6	7.6	7.6	7.5
	DO	7.5	8.0	8.2	8.4	8.6	8.6	8.6
	Temp.	25.9	24.8	24.0	25.9	24.6	25.6	25.6
	Conduct.	240	242	245	243	232	205	205
Rec. W Contr (Dil. Water)	pH	7.5	7.7	7.7	7.8	7.8	7.7	7.7
	DO	7.5	8.0	8.2	8.3	8.5	8.5	8.5
	Temp.	25.7	24.4	24.0	25.9	24.2	25.4	25.4
	Conduct.	188	190	232	234	25.7	26.1	26.1
6.25%	pH	7.6	7.7	7.9	7.9	7.9	7.8	7.8
	DO	7.4	8.0	8.2	8.3	8.4	8.4	8.4
	Temp.	25.7	24.7	23.9	25.8	24.3	25.6	25.6
	Conduct.	238	240	272	303	334	336	336
12.5%	pH	7.7	7.8	8.0	8.0	8.0	8.0	8.0
	DO	7.4	8.0	8.2	8.2	8.4	8.4	8.4
	Temp.	25.6	24.7	23.8	25.8	24.2	25.6	25.6
	Conduct.	283	286	36.5	372	409	411	411
25%	pH	7.8	8.0	8.1	8.1	8.1	8.1	8.1
	DO	7.4	8.0	8.1	8.3	8.4	8.3	8.3
	Temp.	25.6	24.8	23.8	25.8	24.2	25.8	25.8
	Conduct.	371	375	491	496	550	553	553
50%	pH	7.9	8.2	8.3	8.2	8.3	8.3	8.3
	DO	7.4	8.0	8.1	8.3	8.4	8.3	8.3
	Temp.	25.6	24.8	23.7	25.7	24.3	25.6	25.6
	Conduct.	545	551	739	743	828	821	821
75%	pH	8.2	8.3	8.4	8.3	8.3	8.2	8.2
	DO	7.4	8.0	8.2	8.3	8.4	8.3	8.3
	Temp.	25.6	24.8	23.5	25.7	24.4	25.7	25.7
	Conduct.	711	719	969	966	1039	1025	1025
100%	pH	8.3	8.4	8.3	8.3	8.3	8.2	8.2
	DO	7.4	8.0	8.0	8.0	8.0	8.0	8.0
	Temp.	25.9	24.7	23.6	25.6	24.4	25.7	25.7
	Conduct.	872	877	#1	#1	1039	1025	1025
Sample #	37943	37943	37943	37943	37943	37943	37943	
Init./Date	9/16/08	9/17/08	9/18/08	9/19/08	9/20/08	9/21/08	9/22/08	

		INITIAL WATER CHEMISTRY DATA						
Day:		0	1	2	3	4	5	6
Lab Contr 1:1 LR MHW	pH	7.3	7.4	7.5	7.4	7.4	7.4	7.4
	DO	8.1	7.6	8.2	8.5	8.5	8.6	8.6
	Temp.	24.1	25.5	25.1	25.1	24.2	23.2	23.2
	Conduct.	228	235	240	232	236	237	237
Rec. W Contr (Dil. Water)	pH	7.2	7.3	7.4	7.3	7.1	7.3	7.3
	DO	8.4	8.1	9.0	9.0	8.8	8.8	8.8
	Temp.	24.3	25.3	24.4	24.0	25.9	25.4	25.4
	Conduct.	182	183	223	223	252	251	251
6.25%	pH	7.3	7.3	7.5	7.4	7.2	7.4	7.4
	DO	8.4	8.1	9.0	9.0	8.7	8.8	8.8
	Temp.	24.2	25.3	24.4	24.0	25.9	25.1	25.1
	Conduct.	228	234	290	298	330	324	324
12.5%	pH	7.3	7.4	7.5	7.4	7.3	7.6	7.6
	DO	8.5	8.0	8.9	8.9	8.7	8.7	8.7
	Temp.	24.2	25.3	24.4	24.1	25.8	25.3	25.3
	Conduct.	278	279	359	365	404	400	400
25%	pH	7.3	7.5	7.5	7.5	7.4	7.6	7.6
	DO	8.5	7.9	8.9	8.7	8.6	8.7	8.7
	Temp.	24.3	25.4	24.3	24.1	25.8	25.3	25.3
	Conduct.	370	370	492	493	549	548	548
50%	pH	7.2	7.5	7.5	7.6	7.5	7.7	7.7
	DO	8.4	7.9	8.9	8.7	8.6	8.8	8.8
	Temp.	24.3	25.5	24.3	24.1	25.7	25.3	25.3
	Conduct.	546	547	742	743	829	827	827
75%	pH	7.3	7.6	7.5	7.6	7.6	7.8	7.8
	DO	8.5	7.9	8.9	8.6	8.5	8.7	8.7
	Temp.	24.4	25.6	24.2	24.2	25.7	25.3	25.3
	Conduct.	718	718	988	989	1100	1103	1103
100%	pH	7.3	7.5	7.6	7.7	7.6	7.8	7.8
	DO	8.5	7.8	8.9	8.4	8.5	8.6	8.6
	Temp.	24.4	25.9	24.2	24.4	25.6	25.4	25.4
	Conduct.	887	881	1224	1225	1362	1364	1364
Sample #	37943	37943	37943	37943	37943	37943	37943	
Init./Date	9/16/08	9/17/08	9/18/08	9/19/08	9/20/08	9/21/08	9/22/08	

#1 - not enough sample to get nearly measure conductivity

GETOX FORMS Cd

Aquatic Biological Sciences Williston, Vermont
 Reviewed by: Date: 9/26/08

Alkalinity and Hardness Worksheet

Sample Identifier	LIMS Identifier	Sub ID Code	Sampling Date	Sample Volume	Alkalinity			Hardness							
					Initial Titrant (ml)	Final Titrant (ml)	Analysis Date	Analyst	Alkalinity	Initial Titrant (ml)	Final Titrant (ml)	Analysis Date	Analyst	Hardness	
37943	GE Outfall A9307C	EFF	9/16/2008	25	35.9	41.4	SR	9/16/2008	220.0	10	30.3	32.6	SR	9/16/2008	230.0
37944	Housatonic River A	RW	9/16/2008	25	34.3	35.9	SR	9/16/2008	64.0	50	32.6	36.2	SR	9/16/2008	72.0
37962	Outfall Composite:	EFF	9/18/2008	25	16.7	24.7	SR	9/19/2008	320.0	10	18	21.1	SR	9/18/2008	310.0
37963	Housatonic River:	RW	9/18/2008	25	24.7	26.7	SR	9/19/2008	80.0	50	21.1	25.6	SR	9/18/2008	90.0
37999	Outfall Composite:	EFF	9/20/2008	25	26.7	35.5	JF	9/20/2008	352.0	10	25.6	29.8	JF	9/20/2008	420.0
38000	Housatonic River:	RW	9/20/2008	25	35.5	37.8	JF	9/20/2008	92.0	50	29.8	35.3	JF	9/20/2008	110.0

CR

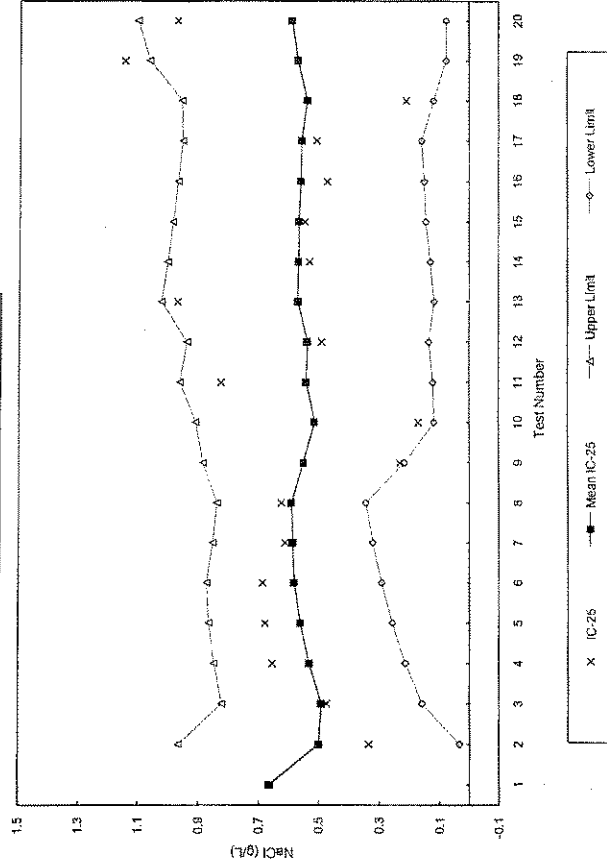
25 sep

Appendix 5
Standard Reference Toxicant test Control Chart

Ceriodaphnia dubia
Reference Control Chart for NaCl Chronic Toxicity

Test Number	Test Date	IC-25 (g/L)	Mean IC-25	Calculated limits Upper	Calculated limits Lower	Organism Source
1	11/07/06	0.665	0.67	0.97	0.03	Aquatec Biological Sciences
2	12/15/06	0.335	0.50	0.82	0.16	Aquatec Biological Sciences
3	01/08/07	0.473	0.49	0.85	0.22	Aquatec Biological Sciences
4	02/02/07	0.655	0.53	0.86	0.26	Aquatec Biological Sciences
5	2/26/2007-3/5/07	0.878	0.56	0.87	0.29	Aquatec Biological Sciences
6	3/27/07-4/2/07	0.686	0.58	0.85	0.32	Aquatec Biological Sciences
7	5/2/07-5/8/07	0.612	0.59	0.84	0.34	Aquatec Biological Sciences
8	6/19/07-6/25/07	0.625	0.59	0.88	0.22	Aquatec Biological Sciences
9	7/22/07-7/28/07	0.233	0.55	0.91	0.12	Aquatec Biological Sciences
10	8/26/07-9/1/07	0.171	0.51	0.94	0.12	Aquatec Biological Sciences
11	9/25/07-10/1/07	0.825	0.54	0.96	0.14	Aquatec Biological Sciences
12	0/23/07-10/29/0	0.489	0.54	1.02	0.14	Aquatec Biological Sciences
13	11/27/07-12/4/07	0.969	0.57	1.00	0.13	Aquatec Biological Sciences
14	1/10/08-1/16/08	0.531	0.57	0.99	0.15	Aquatec Biological Sciences
15	2/12/08-2/18/08	0.546	0.57	0.97	0.15	Aquatec Biological Sciences
16	3/17/08-3/23/08	0.471	0.56	0.95	0.16	Aquatec Biological Sciences
17	4/08/08-04/14/0	0.506	0.56	1.06	0.08	Aquatec Biological Sciences
18	5/17/08-5/23/08	0.211	0.54	1.10	0.08	Aquatec Biological Sciences
19	6/17/08-6/23/08	1.146	0.57	1.10	0.08	Aquatec Biological Sciences
20	7/23/08-7/29/08	0.969	0.59	1.10	0.08	Aquatec Biological Sciences

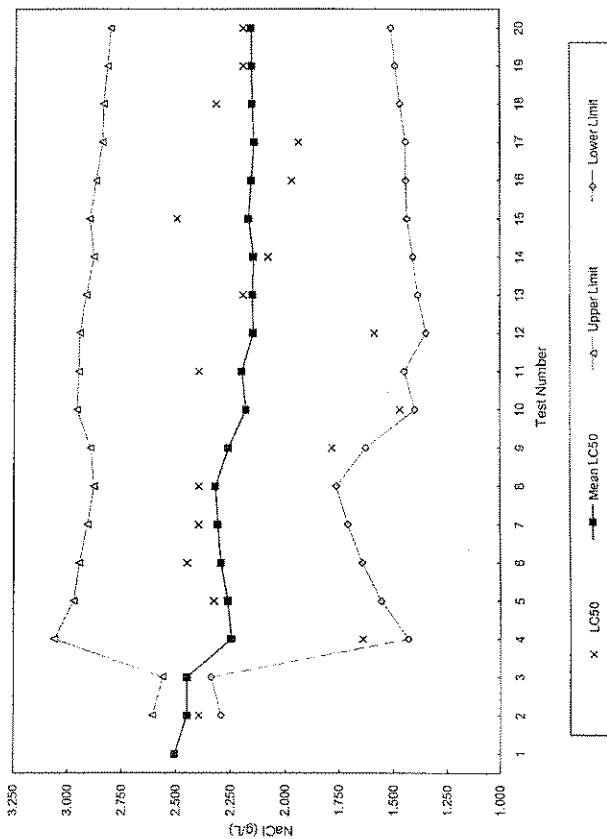
Reference Control Chart
Ceriodaphnia dubia Chronic IC25



Ceriodaphnia dubia
Reference Control Chart for NaCl Acute Toxicity

Test Number	Test Date	LC50 (g/L)	Mean LC50	Calculated limits Upper	Calculated limits Lower	Organism Source
1	11/7/2006	2.505	2.51	2.81	2.29	Aquatec Biological Sciences
2	12/15/2006	2.395	2.45	2.56	2.34	Aquatec Biological Sciences
3	1/8/2007	2.450	2.45	3.06	1.43	Aquatec Biological Sciences
4	2/2/2007	1.641	2.25	2.97	1.56	Aquatec Biological Sciences
5	2/26/2007-3/5/07	2.328	2.26	2.95	1.64	Aquatec Biological Sciences
6	3/27/07-4/2/07	2.450	2.29	2.91	1.71	Aquatec Biological Sciences
7	5/2/07-5/8/07	2.395	2.31	2.88	1.76	Aquatec Biological Sciences
8	6/19/07-6/25/07	2.395	2.32	2.89	1.83	Aquatec Biological Sciences
9	7/22/07-7/28/07	1.782	2.26	2.95	1.40	Aquatec Biological Sciences
10	8/26/07-9/1/07	1.470	2.18	2.95	1.45	Aquatec Biological Sciences
11	9/25/07-10/1/07	2.395	2.20	2.95	1.35	Aquatec Biological Sciences
12	10/23/07-10/29/07	1.587	2.15	2.92	1.41	Aquatec Biological Sciences
13	11/27/07-12/4/07	2.080	2.15	2.88	1.44	Aquatec Biological Sciences
14	1/10/08-1/16/08	2.080	2.15	2.87	1.44	Aquatec Biological Sciences
15	2/12/08-2/18/08	2.500	2.17	2.85	1.45	Aquatec Biological Sciences
16	3/17/08-3/23/08	1.970	2.16	2.84	1.47	Aquatec Biological Sciences
17	4/8/08-4/14/08	1.938	2.15	2.82	1.49	Aquatec Biological Sciences
18	4/8/08-4/14/08	2.319	2.16	2.82	1.51	Aquatec Biological Sciences
19	5/17/08-5/23/08	2.195	2.16	2.81	1.51	Aquatec Biological Sciences
20	6/17/08-6/23/08	2.195	2.16	2.81	1.51	Aquatec Biological Sciences

Reference Control Chart
Ceriodaphnia dubia Acute LC50



Appendix 6
SOP TOX2-002, Standard Operating Procedure for
Cladoceran, *Ceriodaphnia dubia*, Survival and
Reproduction Toxicity Test

Note: SOP TOX2-002 has been submitted with prior reports. When any updates are completed for this SOP, copy of the updated SOP will be included in Appendix 6.

APPENDIX 2

Laboratory Reports

Columbia Analytical Services, Inc.
O'Brien & Gere, Inc.

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: 9/19/08

Acute Dry

Acute Wet

Chronic 3 (Day 1, 2 or 3)

Effluent Composite

Sample # A9329C

Date 9-19-08

Time 9:40 AM

pH 7.55 su

River/Dilution Water

Sample # A9330R

Date 9-19-08

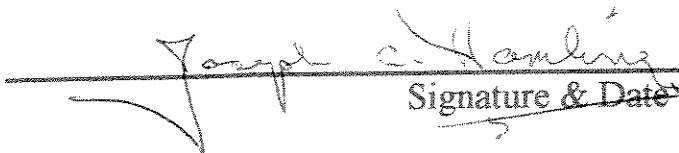
Time 8:50 AM

pH 7.40 su

Sean C. Coyle

 9/19/08
Signature & Date

Joseph C. Hamling

 9-19-08
Signature & Date

COLUMBIA ANALYTICAL SERVICES

Reported: 09/24/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9307C

Date Sampled : 09/15/08 10:00 Order #: 1134622 Sample Matrix: WATER
Date Received: 09/16/08 Submission #: R2845857

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.161	MG/L	09/17/08	10:32	1.0
CHLORIDE	SM4500-C	1.00	128	MG/L	09/23/08	09:12	2.0
TOTAL ALKALINITY	SM2320B	2.00	247	MG/L	09/18/08	13:03	1.0
TOTAL ORGANIC CARBON	SM5310C	1.00	6.90	MG/L	09/18/08	02:50	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	09/23/08	10:16	1.0
TOTAL SOLIDS	SM2540B	10.0	468	MG/L	09/17/08	11:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.40	MG/L	09/19/08	13:20	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/24/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08

Client Sample ID : A9307CCN

Date Sampled : 09/15/08 10:00

Order #: 1134632

Sample Matrix: WATER

Date Received: 09/16/08

Submission #: R2845857

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0161	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/24/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9307CCN-FLTR

Date Sampled : 09/15/08 10:00 Order #: 1134633 Sample Matrix: WATER
Date Received: 09/16/08 Submission #: R2845857

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/24/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9307CTM

Date Sampled : 09/15/08 10:00 Order #: 1134627 Sample Matrix: WATER
Date Received: 09/16/08 Submission #: R2845857

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0374	MG/L	09/19/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	09/19/08	1.0
CALCIUM	200.7	1.00	52.0	MG/L	09/19/08	1.0
CHROMIUM	200.8	2.0	2.00 U	UG/L	09/19/08	1.0
COPPER	200.8	1.0	5.40	UG/L	09/22/08	1.0
LEAD	200.8	0.500	2.20	UG/L	09/23/08	1.0
MAGNESIUM	200.7	1.00	20.8	MG/L	09/19/08	1.0
NICKEL	200.8	1.0	2.00	UG/L	09/19/08	1.0
SILVER	200.8	1.0	1.00 U	UG/L	09/19/08	1.0
ZINC	200.8	5.0	26.6	UG/L	09/19/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/24/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08

Client Sample ID : A9307CDM

Date Sampled : 09/15/08 10:00

Order #: 1134624

Sample Matrix: WATER

Date Received: 09/16/08

Submission #: R2845857

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0200 U	MG/L	09/19/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	09/19/08	1.0
CHROMIUM	200.8	2.0	2.00 U	UG/L	09/19/08	1.0
COPPER	200.8	1.0	2.80	UG/L	09/22/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	09/23/08	1.0
NICKEL	200.8	1.0	1.70	UG/L	09/19/08	1.0
SILVER	200.8	1.0	1.00 U	UG/L	09/19/08	1.0
ZINC	200.8	5.0	36.0	UG/L	09/19/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/24/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08

Client Sample ID : A9308R

Date Sampled : 09/15/08 08:50

Order #: 1134621

Sample Matrix: WATER

Date Received: 09/16/08

Submission #: R2845857

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.0500 U	MG/L	09/17/08	10:32	1.0
CHLORIDE	SM4500-C	1.00	13.1	MG/L	09/23/08	09:12	1.0
TOTAL ALKALINITY	SM2320B	2.00	67.5	MG/L	09/18/08	13:03	1.0
TOTAL ORGANIC CARBON	SM5310C	1.00	6.64	MG/L	09/18/08	02:32	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	09/23/08	10:16	1.0
TOTAL SOLIDS	SM2540B	10.0	107	MG/L	09/17/08	11:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	2.10	MG/L	09/19/08	13:20	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/24/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9308RCN

Date Sampled : 09/15/08 08:50 Order #: 1134630 Sample Matrix: WATER
Date Received: 09/16/08 Submission #: R2845857

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/24/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9308RCN-FLTR

Date Sampled : 09/15/08 08:50 Order #: 1134631 Sample Matrix: WATER
Date Received: 09/16/08 Submission #: R2845857

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/24/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9308RTM

Date Sampled : 09/15/08 08:50 Order #: 1134629 Sample Matrix: WATER
Date Received: 09/16/08 Submission #: R2845857

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0565	MG/L	09/19/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	09/19/08	1.0
CALCIUM	200.7	1.00	16.6	MG/L	09/19/08	1.0
CHROMIUM	200.8	2.0	2.00 U	UG/L	09/19/08	1.0
COPPER	200.8	1.0	1.00 U	UG/L	09/22/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	09/23/08	1.0
MAGNESIUM	200.7	1.00	6.02	MG/L	09/19/08	1.0
NICKEL	200.8	1.0	1.00 U	UG/L	09/19/08	1.0
SILVER	200.8	1.0	1.00 U	UG/L	09/19/08	1.0
ZINC	200.8	5.0	5.40	UG/L	09/19/08	1.0

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: 9/15/08

Acute Dry

Acute Wet

Chronic (Day 1, 2 or 3)

Effluent Composite

Sample # A9307C

Date 9-15-08

Time 10:00 AM

pH 7.36 su

River/Dilution Water

Sample # A9308R

Date 9-15-08

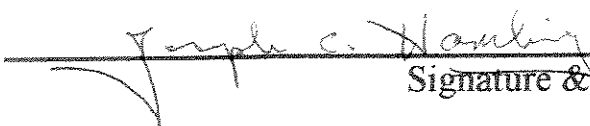
Time 8:50 AM

pH 7.41 su

Sean C. Coyle

 9/15/08
Signature & Date

Joseph C. Hamling

 9-15-08
Signature & Date

COLUMBIA ANALYTICAL SERVICES

Reported: 10/01/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9323C

Date Sampled : 09/17/08 09:50 Order #: 1135631 Sample Matrix: WATER
Date Received: 09/18/08 Submission #: R2845943

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.179	MG/L	09/24/08	10:50	1.0
CHLORIDE	SM4500-C	1.00	186	MG/L	09/23/08	09:12	2.0
TOTAL ALKALINITY	SM2320B	2.00	355	MG/L	09/22/08	09:18	1.0
TOTAL ORGANIC CARBON	SM5310C	1.00	8.28	MG/L	09/19/08	01:18	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	09/23/08	10:16	1.0
TOTAL SOLIDS	SM2540B	10.0	678	MG/L	09/19/08	14:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.30	MG/L	09/23/08	14:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/01/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9323CCN

Date Sampled : 09/17/08 09:50 Order #: 1135637 Sample Matrix: WATER
Date Received: 09/18/08 Submission #: R2845943

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0480	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/01/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9323CCN-FILTER

Date Sampled : 09/17/08 09:50 Order #: 1135638 Sample Matrix: WATER
Date Received: 09/18/08 Submission #: R2845943

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/01/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9323CTM

Date Sampled : 09/17/08 09:50 Order #: 1135633 Sample Matrix: WATER
Date Received: 09/18/08 Submission #: R2845943

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0200 U	MG/L	09/23/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	09/30/08	1.0
CALCIUM	200.7	1.00	74.6	MG/L	09/23/08	1.0
CHROMIUM	200.8	2.0	2.00 U	UG/L	09/30/08	1.0
COPPER	200.8	1.0	4.20	UG/L	09/30/08	1.0
LEAD	200.8	0.500	2.30	UG/L	09/30/08	1.0
MAGNESIUM	200.7	1.00	31.7	MG/L	09/23/08	1.0
NICKEL	200.8	1.0	2.50	UG/L	09/30/08	1.0
SILVER	200.8	1.0	1.00 U	UG/L	09/30/08	1.0
ZINC	200.8	5.0	13.1	UG/L	09/30/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/01/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08

Client Sample ID : A9323CDM

Date Sampled : 09/17/08 09:50

Order #: 1135632

Sample Matrix: WATER

Date Received: 09/18/08

Submission #: R2845943

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0200 U	MG/L	09/23/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	09/30/08	1.0
CHROMIUM	200.8	2.0	2.00 U	UG/L	09/30/08	1.0
COPPER	200.8	1.0	3.20	UG/L	09/30/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	09/30/08	1.0
NICKEL	200.8	1.0	2.30	UG/L	09/30/08	1.0
SILVER	200.8	1.0	1.00 U	UG/L	09/30/08	1.0
ZINC	200.8	5.0	53.0	UG/L	09/30/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/01/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9324R

Date Sampled : 09/17/08 08:45 Order #: 1135630 Sample Matrix: WATER
Date Received: 09/18/08 Submission #: R2845943

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.0500 U	MG/L	09/24/08	10:50	1.0
CHLORIDE	SM4500-C	1.00	15.3	MG/L	09/23/08	09:12	1.0
TOTAL ALKALINITY	SM2320B	2.00	84.8	MG/L	09/22/08	09:18	1.0
TOTAL ORGANIC CARBON	SM5310C	1.00	6.38	MG/L	09/19/08	01:00	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	09/23/08	10:16	1.0
TOTAL SOLIDS	SM2540B	10.0	131	MG/L	09/19/08	14:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	3.00	MG/L	09/23/08	14:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/01/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9324RCN

Date Sampled : 09/17/08 08:45 Order #: 1135635 Sample Matrix: WATER
Date Received: 09/18/08 Submission #: R2845943

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/01/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9324RCN-FILTER

Date Sampled : 09/17/08 08:45 Order #: 1135636 Sample Matrix: WATER
Date Received: 09/18/08 Submission #: R2845943

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/01/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9324RTM

Date Sampled : 09/17/08 08:45 Order #: 1135634 Sample Matrix: WATER
Date Received: 09/18/08 Submission #: R2845943

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0291	MG/L	09/23/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	09/30/08	1.0
CALCIUM	200.7	1.00	20.6	MG/L	09/23/08	1.0
CHROMIUM	200.8	2.0	2.00 U	UG/L	09/30/08	1.0
COPPER	200.8	1.0	1.00 U	UG/L	09/30/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	09/30/08	1.0
MAGNESIUM	200.7	1.00	7.57	MG/L	09/23/08	1.0
NICKEL	200.8	1.0	1.00 U	UG/L	09/30/08	1.0
SILVER	200.8	1.0	1.00 U	UG/L	09/30/08	1.0
ZINC	200.8	5.0	5.00 U	UG/L	09/30/08	1.0

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: 9/17/08

Acute Dry _____

Acute Wet _____

Chronic 2 (Day 1 2 or 3)

Effluent Composite

Sample # A9323C

Date 9-17-08

Time 9⁵⁰ AM

pH 7.54 su

River/Dilution Water

Sample # A9324R

Date 9-17-08

Time 8:45 AM

pH 7.40 su

Sean C. Coyle

 9/17/08
Signature & Date

Joseph C. Hamling

 9-17-08
Signature & Date

COLUMBIA ANALYTICAL SERVICES

Reported: 09/30/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08

Client Sample ID : A9329C

Date Sampled : 09/19/08 09:40

Order #: 1136435

Sample Matrix: WATER

Date Received: 09/20/08

Submission #: R2845986

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.392	MG/L	09/24/08	10:50	1.0
CHLORIDE	SM4500-C	1.00	199	MG/L	09/23/08	09:12	4.0
TOTAL ALKALINITY	SM2320B	2.00	399	MG/L	09/29/08	09:55	1.0
TOTAL ORGANIC CARBON	SM5310C	1.00	9.91	MG/L	09/24/08	03:08	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	09/26/08	10:13	1.0
TOTAL SOLIDS	SM2540B	10.0	764	MG/L	09/23/08	11:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.00 U	MG/L	09/23/08	14:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/30/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9329CCN

Date Sampled : 09/19/08 09:40 Order #: 1136441 Sample Matrix: WATER
Date Received: 09/20/08 Submission #: R2845986

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0360	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/30/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08

Client Sample ID : A9329CCN-FILTER

Date Sampled : 09/19/08 09:40

Order #: 1136442

Sample Matrix: WATER

Date Received: 09/20/08

Submission #: R2845986

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/30/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9329CTM

Date Sampled : 09/19/08 09:40 Order #: 1136437 Sample Matrix: WATER
Date Received: 09/20/08 Submission #: R2845986

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0200 U	MG/L	09/23/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	09/29/08	1.0
CALCIUM	200.7	1.00	81.5	MG/L	09/23/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	09/29/08	1.0
COPPER	200.8	1.00	3.12	UG/L	09/29/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	09/29/08	1.0
MAGNESIUM	200.7	1.00	36.6	MG/L	09/23/08	1.0
NICKEL	200.8	1.00	2.31	UG/L	09/29/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	09/29/08	1.0
ZINC	200.8	5.00	6.04	UG/L	09/29/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/30/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9329CDM

Date Sampled : 09/19/08 09:40 Order #: 1136436 Sample Matrix: WATER
Date Received: 09/20/08 Submission #: R2845986

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0200 U	MG/L	09/23/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	09/29/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	09/29/08	1.0
COPPER	200.8	1.00	3.08	UG/L	09/29/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	09/29/08	1.0
NICKEL	200.8	1.00	2.52	UG/L	09/29/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	09/29/08	1.0
ZINC	200.8	5.00	22.6	UG/L	09/29/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/30/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9330R

Date Sampled : 09/19/08 08:50 Order #: 1136434 Sample Matrix: WATER
Date Received: 09/20/08 Submission #: R2845986

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.0500 U	MG/L	09/24/08	10:50	1.0
CHLORIDE	SM4500-C	1.00	15.9	MG/L	09/23/08	09:12	1.0
TOTAL ALKALINITY	SM2320B	2.00	96.4	MG/L	09/29/08	09:55	1.0
TOTAL ORGANIC CARBON	SM5310C	1.00	5.78	MG/L	09/24/08	02:50	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	09/26/08	10:13	1.0
TOTAL SOLIDS	SM2540B	10.0	150	MG/L	09/23/08	11:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.00	MG/L	09/23/08	14:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/30/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9330RCN

Date Sampled : 09/19/08 08:50 Order #: 1136439 Sample Matrix: WATER
Date Received: 09/20/08 Submission #: R2845986

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/30/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9330RCN-FILTER

Date Sampled : 09/19/08 08:50 Order #: 1136440 Sample Matrix: WATER
Date Received: 09/20/08 Submission #: R2845986

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	09/23/08	12:12	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 09/30/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 9/08
Client Sample ID : A9330RTM

Date Sampled : 09/19/08 08:50 Order #: 1136438 Sample Matrix: WATER
Date Received: 09/20/08 Submission #: R2845986

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0200 U	MG/L	09/23/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	09/29/08	1.0
CALCIUM	200.7	1.00	22.8	MG/L	09/23/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	09/29/08	1.0
COPPER	200.8	1.00	1.10	UG/L	09/29/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	09/29/08	1.0
MAGNESIUM	200.7	1.00	8.53	MG/L	09/23/08	1.0
NICKEL	200.8	1.00	1.00 U	UG/L	09/29/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	09/29/08	1.0
ZINC	200.8	5.00	5.50	UG/L	09/29/08	1.0

APPENDIX 3

Chain of Custody Forms

9/19/2008

CHRONIC AQUATIC TOXICITY COMPOSITE 9C3

Month: SEPT
Week: 3
Fiscal Wk: 38
Weather: DRY

This Effluent sample is a flow proportioned composite made from 24 Hr Composite samples collected at the indicated outfalls and specified times.

Outfall #	Collection Time	Gallons/Day	MI in Composite	Percent of Composite
001	7:15AM	2,240	249.37	1.56%
004		0	-	0.00%
007		0	-	0.00%
64T	7:10AM	6,058	674.40	4.21%
64G	7:10AM	135,390	15,072.12	94.20%
09A		0	-	0.00%
09B	7:30AM	37	4.12	0.03%
		143,725	16000	100.00%

The Acute Toxicity Composite was made today by Joseph C. Hamling @ 9:40 am
according to the table above, and given the sample ID# A 9329C.

Joseph C. Hamling
Sighed
9-19-08
Date

Chain-of-Custody Form Number:	<u>6279</u>
Analysis:	<u>EFF Tox Comp</u>
Location:	<u> </u> Date: <u>9-19-08</u>
Sample Label Serial Number	A <u>09329C</u>

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR #

CAS Contact

PAGE 1 OF 2

PAGE 1 OF 2

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-9475



Project Name		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)		PRESERVATIVE	NUMBER OF CONTAINERS	MATRIX	SAMPLING DATE	SAMPLING TIME	FOR OFFICE USE ONLY	LAB ID	CLIENT SAMPLE ID	SAMPLER'S SIGNATURE	SAMPLER'S PRINTED NAME	REMARKS/ALTERNATE DESCRIPTION	INVOICE INFORMATION
Project Manager	Company/Address	Report CC	Project CC	PRESERVATIVE	ANALYSIS REQUESTED												
NPDES PERMIT		159 PLASTICS AVE BLDG 59															
J. Nicholson		Pittsfield, MA. 01201															
G.E. CEP		413-448-5915															
Joseph C. Hanling		413-448-5935															
Joseph C. Hanling		Joseph C. Hanling															
A9329CTM		1136437						9-19-08	9:45 AM								
A9330RTM		1136431						9-19-08	8:30 AM								
A9329CDM		1136436						9-19-08	9:45 AM								
A9329C		1136435						9-19-08	9:45 AM								
A9330R		1136434						9-19-08	8:50 AM								
A9329C		1136435						9-19-08	9:45 AM								
A9330R		1136434						9-19-08	8:30 AM								
A9329C		1136435						9-19-08	9:45 AM								
A9330R		1136434						9-19-08	8:30 AM								

SPECIAL INSTRUCTIONS/COMMENTS		TURNAROUND REQUIREMENTS		REPORT REQUIREMENTS		INVOICE INFORMATION	
Metals Total Metals (7) - EPA Method 200.8 Copper, Lead, Zinc, cadmium, chromium, nickel, silver Total Metals (3) - EPA Method 200.7 Aluminum, calcium, magnesium Total Dissolved Metals (7) - EPA Method 200.8 Copper, Lead, Zinc, cadmium, chromium, nickel, silver Total Dissolved Metals (1) - EPA Method 200.7 Aluminum		RUSH (SURCHARGES APPLY) 24 hr _____ 48 hr _____ 5 day _____ STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____		I. Results Only _____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required) _____ III. Results + QC and Calibration Summaries _____ IV. Data Validation Report with Raw Data _____ V. Specialized Forms / Custom Report _____ Estate _____ Yes _____ No _____		PO# _____ BILL TO: _____ SUBMISSION #: 1284598 RECEIVED BY: _____	
See OAPP <input type="checkbox"/> - Samples Packed in Ice		RECEIVED BY: _____		RECEIVED BY: _____		RECEIVED BY: _____	
SAMPLER'S SIGNATURE: Joseph C. Hanling		SAMPLER'S PRINTED NAME: Joseph C. Hanling		SAMPLER'S SIGNATURE: _____		SAMPLER'S PRINTED NAME: _____	
Firm: O.B.S.		Firm: _____		Firm: _____		Firm: _____	
Date/Time: 9-19-08 2:00 PM		Date/Time: _____		Date/Time: _____		Date/Time: _____	

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR # _____

CAS Contact _____

PAGE 2 OF 2

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Project Name NPOES PERMIT		Project Number BLD959	
Project Manager J. Nicholson		Report CC	
Company/Address G.E. CEP 159 PLASTICS AVE Pittsfield, MA. 01201		ANALYSIS REQUESTED (Include Method Number and Container Preservative)	
Phone # 413-448-5915		PRESERVATIVE	
FAX # 413-448-5935		PRESERVATIVE	
Sampler's Signature <i>Joseph C. Hamling</i>		NUMBER OF CONTAINERS	
Sampler's Printed Name Joseph C. Hamling		GCMs VOAs <input type="checkbox"/> 8260 <input type="checkbox"/> 824 <input type="checkbox"/> CLP	
FOR OFFICE USE ONLY		GCMs VOAs <input type="checkbox"/> 8270 <input type="checkbox"/> 825 <input type="checkbox"/> CLP	
CLIENT SAMPLE ID	LAB ID	DATE	MATRIX
A9329CCN	113644	9-19-08 9:30 AM	H ₂ O
A9329CCN-FILTER	11244	9-19-08 9:30 AM	H ₂ O
A9330RCN	113643	9-19-08 8:50 AM	H ₂ O
A9330RCN-FILTER	113640	9-19-08 8:50 AM	H ₂ O
A9329C	113642	9-19-08 9:40 AM	H ₂ O
A9330R	113643	9-19-08 8:50 AM	H ₂ O
A9329C	113643	9-19-08 9:40 AM	H ₂ O
A9330R	113640	9-19-08 8:50 AM	H ₂ O
		<i>9/22/08</i>	
SPECIAL INSTRUCTIONS/COMMENTS Metals			
① 270 mL of sample filtered through PAD - Tox Comp + Tox pH Sheets incl. w/ COC's - Samples packed in ICE			
See QAPP <input type="checkbox"/>		CUSTODY SEALS: Y N	
SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____		RECEIVED BY _____	
RELINQUISHED BY _____		RECEIVED BY _____	
Signature <i>Joseph C. Hamling</i>		Signature <i>Joseph C. Hamling</i>	
Printed Name Joseph C. Hamling		Printed Name Joseph C. Hamling	
Firm CEP		Firm CEP	
Date/Time 9-18-08 2:00 PM		Date/Time 9/20/08 9:45	
RELINQUISHED BY		RELINQUISHED BY	
Signature		Signature	
Printed Name		Printed Name	
Firm		Firm	
Date/Time		Date/Time	
TURNAROUND REQUIREMENTS		REPORT REQUIREMENTS	
RUSH (SURCHARGES APPLY) 24 hr <input type="checkbox"/> 48 hr <input type="checkbox"/> 5 day <input checked="" type="checkbox"/>		I. Results Only _____	
STANDARD REQUESTED FAX DATE _____		II. Results + QC Summaries (LCS, DUP, MS/MSD as required) _____	
REQUESTED REPORT DATE _____		III. Results + QC and Calibration Summaries _____	
		IV. Data Validation Report with Raw Data <input checked="" type="checkbox"/> _____	
		V. Specialized Forms / Custom Report _____	
		Edata <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
		SUBMISSION # 12045386	
		RECEIVED BY _____	
		Signature _____	
		Printed Name _____	
		Firm _____	
		Date/Time _____	
		FO# _____	
		BILL TO: _____	
		INVOICE INFORMATION	

Cooler Receipt And Preservation Check Form

Project/Client ME BATES Submission Number _____

Cooler received on 9/20/08 by: [Signature] COURJER: CAS UPS FEDEX VELOCITY CLIENT

1. Were custody seals on outside of cooler? YES NO
 2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
 3. Did all bottles arrive in good condition (unbroken)? YES NO
 4. Did any VOA vials have significant* air bubbles? YES NO N/A
 5. Were Ice or Ice packs present? YES NO
 6. Where did the bottles originate? CAS/ROC, CLIENT
 7. Temperature of cooler(s) upon receipt: 3.2°
- Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes
 If No, Explain Below No No No No No

Date/Time Temperatures Taken: 9/20/08 @ 9:52

Thermometer ID: 161 / IR GUN#2 / IR GUN#3 Reading From: Temp Blank / Sample Bottle

If out of Temperature, note packing/ice condition, Client Approval to Run Samples: _____
 PC Secondary Review: [Signature]

Cooler Breakdown: Date: _____ by: _____

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
 2. Did all bottle labels and tags agree with custody papers? YES NO
 3. Were correct containers used for the tests indicated? YES NO
 4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A
- Explain any discrepancies: _____

pH	Reagent			Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
		YES	NO						
≥12	NaOH								
≤2	HNO ₃								
≤2	H ₂ SO ₄								
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	Na ₂ S ₂ O ₃	-	-			*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet			
	Zn Aceta	-	-						
	HCl	*	*						

Yes = All samples OK
 No = Samples were preserved at lab as listed
 PM OK to Adjust: _____

Bottle lot numbers: _____
 Other Comments: _____

PC Secondary Review: _____

*significant air bubbles are greater than 5-6 mm

Aquatec Biological Sciences

Chain-of-Custody Record

273 Commerce Street
 Williston, VT 05496
 TEL: (802) 860-1638
 FAX: (802) 668-3189

COMPANY INFORMATION		COMPANY'S PROJECT INFORMATION				SHIPPING INFORMATION		VOLUME/CONTAINER TYPE/PRESERVATIVE																																		
Name: General Electric Company Address: O'Brien & Gere 1000 East Street, Gate 64 City/State/Zip: Pittsfield, MA 01201 Telephone: (413) 494-6709 Facsimile: Contact Name: Sean Coyle		Project Name: GE PITTSFIELD Outfall Composite - INITIAL SAMPLE Project Number: 08008 Sampler Name(s): <u>Josiah C. Hamlin</u> NPDES Permit #: MA0003691 Ship these samples on Monday. Quote #: 10/05 Client Code: GEPITTS				Carrier: <u>Priority Express</u> Airbill Number: Date Shipped: <u>9-15-08</u> Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">4°C</td> <td style="width: 10%;">4°C</td> <td style="width: 10%;">4°C</td> <td style="width: 10%;">4°C</td> <td style="width: 10%;">4°C</td> <td style="width: 10%;">4°C</td> </tr> <tr> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>Plastic</td> <td>Plastic</td> <td>Plastic</td> <td>Glass</td> <td>Glass</td> <td>Plastic</td> </tr> <tr> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> <tr> <td>1 gal</td> <td>1/2 gal</td> <td>1 L</td> <td>40 ml</td> <td>40 mL</td> <td>0.5 L</td> </tr> </table>					4°C	4°C	4°C	4°C	4°C	4°C	—	—	—	—	—	—	Plastic	Plastic	Plastic	Glass	Glass	Plastic	—	—	—	—	—	—	1 gal	1/2 gal	1 L	40 ml	40 mL	0.5 L
4°C	4°C	4°C	4°C	4°C	4°C																																					
—	—	—	—	—	—																																					
Plastic	Plastic	Plastic	Glass	Glass	Plastic																																					
—	—	—	—	—	—																																					
1 gal	1/2 gal	1 L	40 ml	40 mL	0.5 L																																					
SAMPLE IDENTIFICATION		COLLECTION		GRAB		COMPOSITE		MATRIX		ANALYSIS																																
Outfall Composite <u>A9307C</u>		DATE <u>9-15-08</u>		TIME <u>10:50 AM</u>		GRAB X		COMPOSITE X		MATRIX Effluent		ANALYSIS <u>Cardiophnia dubia chronic survival and reproduction (EPA Met hod 1002.0)</u> Initial sample																														
Housatonic River <u>A9308R</u>		DATE <u>9-15-08</u>		TIME <u>8:15 AM</u>		GRAB X		COMPOSITE —		MATRIX Receiving		ANALYSIS Dilution Water																														
Relinquished by: (signature) <i>Joseph C. Hamlin</i>		DATE <u>9-15-08</u>		TIME <u>12:45 PM</u>		GRAB —		COMPOSITE —		MATRIX —		ANALYSIS —																														
Relinquished by: (signature) <i>J. Garrison</i>		DATE <u>9-16-08</u>		TIME <u>8:15</u>		GRAB —		COMPOSITE —		MATRIX —		ANALYSIS —																														
Relinquished by: (signature)		DATE		TIME		GRAB		COMPOSITE		MATRIX		ANALYSIS																														

NOTES TO SAMPLER(S): (1): Complete the labels (Date, time, initials) and cover the labels with clear tape. Tape the caps of the sample bottles to ensure that they do not become dislodged during shipment. Nest the samples in sufficient ice to maintain 0°C - 6°C. Results for samples received at temperatures exceeding 6°C will be qualified in the report.

Notes to Lab: Ambient cooler temperature: 0.3 °C. Dechlorinate the effluent sample if chlorine is detected.

9/15/2008

CHRONIC AQUATIC TOXICITY COMPOSITE 9C1

Month: SEPT
Week: 3
Fiscal Wk: 38
Weather: WET

*Dry in Sea Com Co
CMT 9/19/08*

This Effluent sample is a flow proportioned composite made from 24 Hr Composite samples collected at the indicated outfalls and specified times.

Outfall #	Collection Time	Gallons/Day	MI in Composite	Percent of Composite
001	8:00AM	45,370	2,013.07	18.30%
004		0	-	0.00%
007		0	-	0.00%
64T	7:10AM	59,253	2,629.06	23.90%
64G	7:10AM	136,440	6,053.85	55.03%
09A		0	-	0.00%
09B	8:15AM	6,852	304.02	2.76%
		247,915	11000	100.00%

Not Chronic

The ~~Acute~~ Toxicity Composite was made today by Joseph C. Hamling @ 10:00 AM according to the table above, and given the sample ID# A9307C.

Joseph C. Hamling
Signed
9-15-08
Date

Chain-of-Custody Form Number:	<u>6275</u>
Analysis:	<u>EFF Tox Comp</u>
Location:	Date: <u>9-15-08</u>
Sample Label Serial Number	<u>A 09307C</u>

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR # _____ CAS Contact _____

PAGE 2 OF 3

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Project Name		Project Number		Report CC		ANALYSIS REQUESTED (Include Method Number and Container Preservative)	
Client Sample ID	For Office Use Only Lab ID	Sampling Date	Time	Matrix	Preservative	Number of Containers	Remarks/Alternate Description
A9307CCN	1134622	9-15-08	10:00 AM	H ₂ O	GC/MS VOAS 8260 □ 624 □ CLP	1	
A9307CCN-Filter	1134633	9-15-08	10:00 AM	H ₂ O	GC/MS SVOAS 8270 □ 625 □ CLP	1	
A9308RCN	1134630	9-15-08	8:30 AM	H ₂ O	GC/MS VOAS 8260 □ 624 □ CLP	1	
A9308RCN-Filter	1134631	9-15-08	8:30 AM	H ₂ O	GC/MS SVOAS 8270 □ 625 □ CLP	1	
A9307C	1134622	9-15-08	10:00 AM	H ₂ O	GC/MS VOAS 8260 □ 624 □ CLP	1	
A9308R	1134621	9-15-08	8:30 AM	H ₂ O	GC/MS SVOAS 8270 □ 625 □ CLP	1	
A9307C	1134622	9-15-08	10:00 AM	H ₂ O	GC/MS VOAS 8260 □ 624 □ CLP	1	
A9308R	1134621	9-15-08	8:30 AM	H ₂ O	GC/MS SVOAS 8270 □ 625 □ CLP	1	

Special Instructions/Comments	Turnaround Requirements	Report Requirements	Invoice Information
Metals ① 270 ML OF SAMPLE FILTERED THROUGH PAD - TOX COMP + TOX PH SHEETS INCL W/COCS - SAMPLES PACKED IN ICE See QAPP <input type="checkbox"/>	RUSH (SURCHARGES APPLY) 24 hr 48 hr 5 day STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE	I. Results Only II. Results + OC Summaries (LCS, DUP, MSMSD as required) III. Results + OC and Calibration Summaries IV. Data Validation Report with Raw Data V. Specialized Forms / Custom Report Edata Yes No	PO# BILL TO: SUBMISSION #: RECEIVED BY:

Sample Receipt: Condition/Cooler Temp:	Relinquished By	Received By
Joseph C. Hamling	Joseph C. Hamling	Joseph C. Hamling
Signature: Joseph C. Hamling Printed Name: Joseph C. Hamling Firm: CAG Date/Time: 9-15-08 2:00 PM	Signature: Joseph C. Hamling Printed Name: Joseph C. Hamling Firm: CAG Date/Time: 9-15-08 2:00 PM	Signature: Joseph C. Hamling Printed Name: Joseph C. Hamling Firm: CAG Date/Time: 9-15-08 2:00 PM

Cooler Receipt And Preservation Check Form

Project/Client GE-Hydro 1/1 Submission Number _____

Cooler received on 9/11/08 by: HT COURIER: CAS UPS FEDEX VELOCITY CLIENT

1. Were custody seals on outside of cooler? YES NO
 2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
 3. Did all bottles arrive in good condition (unbroken)? YES NO
 4. Did any VOA vials have significant* air bubbles? YES NO N/A
 5. Were **Ice** or **Ice packs** present? YES NO
 6. Where did the bottles originate? CAS/ROC, CLIENT
 7. Temperature of cooler(s) upon receipt: 3.0° 5.0° _____
- Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes
 If No, Explain Below No No No No No

Date/Time Temperatures Taken: 9/11/08 10:10

Thermometer ID: 161 / IR GUN#2 / IR GUN#3 Reading From: Temp Blank / Sample Bottle

If out of Temperature, note packing/ice condition, Client Approval to Run Samples: _____
 PC Secondary Review: 9/11/08

Cooler Breakdown: Date: _____ by: _____

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

pH	Reagent			Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH	Yes = All samples OK
		YES	NO							
≥12	NaOH									No = Samples were preserved at lab as listed
≤2	HNO ₃									
≤2	H ₂ SO ₄									
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid						
	Na ₂ S ₂ O ₃	-	-							PM OK to Adjust: _____
	Zn Aceta	-	-							
	HCl	*	*							

*Not to be tested before analysis - pH tested and recorded by VOAs or GenChem on a separate worksheet

Bottle lot numbers: _____
 Other Comments: _____

PC Secondary Review: _____

*significant air bubbles are greater than 5-6 mm

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR # _____
CAS Contact _____

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Project Name		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)		PRESERVATIVE	NUMBER OF CONTAINERS	MATRIX	SAMPLING DATE	SAMPLING TIME	FOR OFFICE USE ONLY	LAB ID	CLIENT SAMPLE ID	SAMPLER'S PRINTED NAME	FAX #	PHONE #	ADDRESS	CITY	STATE	ZIP	REMARKS/ALTERNATE DESCRIPTION
Project Manager	Report CC	Company/Address	Project Number	Report CC	Project Number																
NPDES PERMIT																	159 PLASTICS AVE	BUDG 59			
J. Nicholson																	Pittsfield, MA. 01201				
G.E. CEP																					
Joseph C. Hamling		Joseph C. Hamling		Joseph C. Hamling																	
A9323CTM		1135833		9-17-08		9:50	H ₂ O														
A9324RTM		1135834		9-17-08		8:45	H ₂ O														
A9323CDM		1135832		9-17-08		9:50	H ₂ O														
A9323C		1135831		9-17-08		9:50	H ₂ O														
A9324R		1135830		9-17-08		8:45	H ₂ O														
A9323C		1135830		9-17-08		9:50	H ₂ O														
A9324R		1135830		9-17-08		8:45	H ₂ O														

SPECIAL INSTRUCTIONS/COMMENTS		TURNAROUND REQUIREMENTS		REPORT REQUIREMENTS		INVOICE INFORMATION	
<p>Metals Total Metals (7) - EPA Method 200.8 Copper, Lead, Zinc, cadmium, chromium, nickel, silver Total Metals (3) - EPA Method 200.7 Aluminum, calcium, magnesium Total Dissolved Metals (7) - EPA Method 200.8 Copper, Lead, Zinc, cadmium, chromium, nickel, silver Total Dissolved Metals (1) - EPA Method 200.7 Aluminum</p>		<p>RUSH (SURCHARGES APPLY) 24 hr _____ 48 hr _____ 5 day _____ STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____</p>		<p>I. Results Only _____ II. Results + OC Summaries (LCS, DUP, MS/MSD as required) _____ III. Results + OC and Calibration Summaries _____ IV. Data Validation Report with Raw Data _____ V. Specialized Forms / Custom Report Edata Yes _____ No _____</p>		<p>PO# _____ BILL TO: _____ SUBMISSION #: <u>1245993</u> RECEIVED BY _____</p>	

RECEIVED BY		RECEIVED BY		RECEIVED BY	
Signature: <u>Joseph C. Hamling</u>	Printed Name: <u>Joseph C. Hamling</u>	Signature: _____	Printed Name: _____	Signature: _____	Printed Name: _____
Firm: <u>CEP</u>	Date/Time: <u>9/17/08 2:00pm</u>	Firm: _____	Date/Time: _____	Firm: _____	Date/Time: _____



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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SR # _____
CAS Contact _____

ANALYSIS REQUESTED (Include Method Number and Container Preservative)		PRESERVATIVE		NUMBER OF CONTAINERS		SAMPLING		MATRIX		REMARKS/ ALTERNATE DESCRIPTION	
Project Name	Project Number	Project Manager	Report CC	FOR OFFICE USE ONLY	LAB ID	DATE	TIME	DATE	TIME	Matrix	REMARKS/ ALTERNATE DESCRIPTION
NPPDES PERMIT		J. Nicholson									
Company/Address		157 PLASTICS AVE, BLDG 59 PITTSFIELD, MA, 01201		FAX# 413-448-5913		SAMPLER'S PRINTED NAME Joseph C. Hamling					
CLIENT SAMPLE ID											
A9323CCN				1135837		9-17-08	9:30			H ₂ O	
A9323CCN FILTER				1135838		9-17-08	9:30			H ₂ O	FILTER PAD
A9324RCN				1135835		9-17-08	8:45			H ₂ O	
A9324RCN FILTER				1135836		9-17-08	8:45			H ₂ O	FILTER PAD
A9323C				1135831		9-17-08	9:30			H ₂ O	
A9324R				1135830		9-17-08	8:45			H ₂ O	
A9323C				1135830		9-17-08	9:30			H ₂ O	
A9324R				1135830		9-17-08	8:45			H ₂ O	
<p style="text-align: center;">SPECIAL INSTRUCTIONS/COMMENTS</p> <p>Metals</p> <p>① 270 mL of sample FILTERED through pad</p> <p>- Toy comp + Tox pH sheets incl w/ COCs</p> <p>- Samples packed in Ice</p>											
<p>See QAPP <input type="checkbox"/></p> <p>SAMPLE RECEIPT: CONDITION/COOLER TEMP. _____ RECEIVED BY _____</p> <p>RELINQUISHED BY _____</p> <p>Signature: <i>Joseph C. Hamling</i> Signature: _____</p> <p>Printed Name: Joseph C. Hamling Printed Name: _____</p> <p>Firm: CAS Firm: _____</p> <p>Date/Time: 9-17-08 2:00 PM Date/Time: 9/18/08 9:10</p>											
<p>SPECIAL INSTRUCTIONS/COMMENTS</p> <p>Metals</p> <p>① 270 mL of sample FILTERED through pad</p> <p>- Toy comp + Tox pH sheets incl w/ COCs</p> <p>- Samples packed in Ice</p>											
<p>TURNAROUND REQUIREMENTS</p> <p>RUSH (SURCHARGES APPLY) _____ 24 hr _____ 48 hr _____ 5 day _____</p> <p>STANDARD REQUESTED FAX DATE _____</p> <p>REQUESTED REPORT DATE _____</p>											
<p>REQUIREMENTS</p> <p>I. Results Only _____</p> <p>II. Results + QC Summaries (LCS, DUP, MS/MSD as required) _____</p> <p>III. Results + QC and Calibration Summaries _____</p> <p>IV. Data Validation Report with Raw Data _____</p> <p>V. Specialized Forms / Custom Report _____</p> <p>Edata Yes _____ No _____</p>											
<p>INVOICE INFORMATION</p> <p>PO# _____</p> <p>BILL TO: _____</p> <p>SUBMISSION #: <i>1135837</i></p> <p>RECEIVED BY _____</p>											

Cooler Receipt And Preservation Check Form

Project/Client Walden Submission Number _____

Cooler received on 9/18/08 by: JP COURIER: CAS UPS FEDEX VELOCITY CLIENT

1. Were custody seals on outside of cooler? YES NO
 2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
 3. Did all bottles arrive in good condition (unbroken)? YES NO
 4. Did any VOA vials have significant* air bubbles? YES NO N/A
 5. Were Ice or Ice packs present? YES NO
 6. Where did the bottles originate? CAS/ROC, CLIENT
 7. Temperature of cooler(s) upon receipt: 5 _____
- Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes
- If No, Explain Below No No No No No

Date/Time Temperatures Taken: 9/18/08 9:55

Thermometer ID: 161 / IR GUN#2 / IR GUN#3 Reading From: Temp Blank / Sample Bottle

If out of Temperature, note packing/ice condition, Client Approval to Run Samples: _____

PC Secondary Review: C. J. / R. W.

Cooler Breakdown: Date: _____ by: _____

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

pH	Reagent	Lot Received		Exp	Sample ID	Vol. Added	Lot Added	Final pH	Yes = All samples OK
		YES	NO						
≥12	NaOH								No = Samples were preserved at lab as listed
≤2	HNO ₃								
≤2	H ₂ SO ₄								
Residual Chlorine (-)	For TCN and Phenol			If present, contact PM to add ascorbic acid					
	Na ₂ S ₂ O ₃	-	-						PM OK to Adjust:
	Zn Aceta	-	-						
	HCl	*	*						

*Not to be tested before analysis – pH tested and recorded by VOAs or GenChem on a separate worksheet

Bottle lot numbers: _____
 Other Comments: _____

PC Secondary Review: _____

*significant air bubbles are greater than 5-6 mm