



GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

August 8, 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 July 2008 (GECD900)**

Dear Mr. Tagliaferro and Mr. Gorski:

Enclosed are copies of General Electric's (GE's) monthly progress report for July 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,

Richard W. Gates
Remediation Project Manager

Enclosure

G:\GE\GE_Pittsfield_General_Confidential\Reports and Presentations\Monthly Reports\2008\07-08 CD Monthly-Draft\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 (cover letter only)
Jane Rothchild, MDEP (cover letter only)
Anna Symington, MDEP (cover letter only)
Nancy E. Harper, MA AG
Susan Peterson, CT DEP
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 Silber, 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)

July 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
(GECD900)
JULY 2008**

a. Activities Undertaken/Completed

Continued GE-EPA electronic data exchanges for the Housatonic River Watershed and Areas Outside the River.*

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.
- NPDES Discharge Monitoring Reports (DMRs) for the period of June 1 through June 30, 2008, are provided in Attachment B to this report.
- GE received a report from Columbia Analytical Services, Inc. (CAS) titled *NPDES Biomonitoring Report for June 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 June 2008. A copy of this document is provided in Attachment C.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue NPDES sampling and monitoring activities.
- Attend public and Citizens Coordinating Council (CCC) meetings, as appropriate.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

Completed draft reports on results of soil sampling conducted on behalf of the Pittsfield Economic Development Authority (PEDA) in the vicinity of planned utility lines to be installed by PEDA at the former 20s and 30s Complexes and the adjacent portion of Woodlawn Avenue in response to comments received from PEDA on June 18, 2008. Subsequently, revised PEDA drawings were received on July 11, 2008, and are currently under review; further refinement of the reports may be required to accommodate proposed changes.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Following PEDA review and acceptance of revised drafts, complete and submit reports on soil sampling conducted on behalf of PEDA in the vicinity of planned utility lines to be installed by PEDA at the former 20s and 30s Complexes and the adjacent portion of Woodlawn Avenue.
- Conduct annual inspection of vegetative cover over crushed material stockpile.

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.*
- 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 Grant of Environmental Restriction and Easement (ERE) and Plan of Restricted Area for the 40s Complex.*

**ITEM 1
(cont'd)
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
JULY 2008**

f. Proposed/Approved Work Plan Modifications

None

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

a. Activities Undertaken/Completed

- Completed Final Completion Report for City Recreational Area.*
- Continued pre-demolition environmental removal activities at Buildings 63, 63X, and 68.
- Initiated contractor procurement process for the demolition of Buildings 63, 63X, and 68.
- Conducted Liquid-Phase Carbon Absorption (LPCA) sampling at Building 64G, as identified in Table 2-1.
- Conducted pre-demolition PCB sampling of oils removed from certain equipment in the 60s Complex, as identified in Table 2-1.
- Conducted waste characterization sampling from solid debris and process sand removed from 64G water treatment facility during regular maintenance activities, as shown in Table 2-1.
- Continued discussions and communications with EPA regarding flood storage compensation issues.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted a letter to EPA on July 17, 2008 that provided written follow-up to July 15, 2008 verbal notifications to EPA regarding PCB analytical results associated with pre-demolition sampling of equipment in Buildings 63 and 63X.
- Submitted Final Completion Report for City Recreational Area to EPA (July 31, 2008).*

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

- Submit Second Addendum to the Conceptual RD/RA Work Plan for East Street Area 2-South (following further discussion of flood storage compensation issues).*
- Conduct annual inspection of cover at City Recreational Area.

**ITEM 2
(cont'd)
PLANT AREA
EAST STREET AREA 2-SOUTH
(GECD150)
JULY 2008**

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 JULY 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-INF-01	6/27/08	Water	Accutest	Copper, Zinc, Mercury, Lead	7/15/08
Building 64G LPCA Monitoring	64G-PORTD-01	6/27/08	Water	Accutest	Copper, Zinc, Mercury, Lead	7/15/08
Building 64G LPCA Monitoring	G8-64G-01	7/1/08	Water	Columbia	VOC	7/11/08
Building 64G LPCA Monitoring	G8-64G-02	7/1/08	Water	Columbia	SVOC	7/11/08
Building 64G LPCA Monitoring	G8-64G-03	7/1/08	Water	Accutest	PCB	7/29/08
Building 64G LPCA Monitoring	G8-64G-04	7/1/08	Water	Columbia	Oil & Grease	7/11/08
Building 64G LPCA Monitoring	G8-64G-05	7/1/08	Water	Columbia	VOC	7/11/08
Building 64G LPCA Monitoring	G8-64G-06	7/1/08	Water	Columbia	SVOC	7/11/08
Building 64G LPCA Monitoring	G8-64G-07	7/1/08	Water	Accutest	PCB	7/29/08
Building 64G LPCA Monitoring	G8-64G-08	7/1/08	Water	Columbia	Oil & Grease	7/11/08
Building 64G LPCA Monitoring	G8-64G-09	7/1/08	Water	Columbia	VOC	7/11/08
Building 64G LPCA Monitoring	G8-64G-10	7/1/08	Water	Columbia	SVOC	7/11/08
Building 64G LPCA Monitoring	G8-64G-11	7/1/08	Water	Accutest	PCB	7/29/08
Building 64G LPCA Monitoring	G8-64G-12	7/1/08	Water	Columbia	Oil & Grease	7/11/08
Building 64G LPCA Monitoring	G8-64G-13	7/1/08	Water	Columbia	VOC	7/11/08
Building 64G LPCA Monitoring	G8-64G-14	7/1/08	Water	Columbia	SVOC	7/11/08
Building 64G LPCA Monitoring	G8-64G-15	7/1/08	Water	Accutest	PCB	7/29/08
Building 64G LPCA Monitoring	G8-64G-16	7/1/08	Water	Columbia	Oil & Grease	7/11/08
Building 64G WWTF Effluent Line Cleaning	Effluent-1	7/14/08	Soil	SGS	PCB, TCLP	7/29/08
Building 64G WWTF Process Sand Removal	F3578-1	7/14/08	Soil	SGS	PCB, TCLP	7/29/08
Buildings 63, 63X and 68 Complex Equipment Oils	63-1	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63-10	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63-2	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63-3	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63-4	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63-5	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63-6	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63-7	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63-8	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63-9	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63X-1	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63X-2	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63X-3	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63X-4	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63X-5	7/1/08	Oil	SGS	PCB	7/15/08
Buildings 63, 63X and 68 Complex Equipment Oils	63X-6	7/1/08	Oil	SGS	PCB	7/15/08

**TABLE 2-2
DATA RECEIVED DURING JULY 2008**

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

Parameter	Sample ID: Date Collected:	64G-INF-01 06/27/08	64G-PORTD-01 06/27/08
Inorganics-Unfiltered			
Lead		0.000150 B	0.000220 B
Zinc		ND(0.0200)	0.0391

Notes:

1. Samples were collected by General Electric Company, and submitted to Accutest Laboratories for analysis of Lead and Zinc
2. 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 the practical quantitation limit (PQL).

**TABLE 2-3
PCB DATA RECEIVED DURING JULY 2008**

**BUILDINGS 63, 63X AND 68 COMPLEX EQUIPMENT OILS REMOVAL
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
63-1	7/1/2008	ND(48)	ND(48)	ND(48)	ND(48)	ND(48)	ND(48)	ND(48)	ND(48)
63-2	7/1/2008	ND(48)	ND(48)	ND(48)	ND(48)	ND(48)	ND(48)	ND(48)	ND(48)
63-3	7/1/2008	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
63-4	7/1/2008	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)
63-5	7/1/2008	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)
63-6	7/1/2008	ND(95)	ND(95)	ND(95)	ND(95)	ND(95)	ND(95)	900	900
63-7	7/1/2008	ND(8.6)	ND(8.6)	ND(8.6)	ND(8.6)	ND(8.6)	ND(8.6)	ND(8.6)	ND(8.6)
63-8	7/1/2008	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)
63-9	7/1/2008	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
63-10	7/1/2008	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)
63X-1	7/1/2008	ND(9.5)	ND(9.5)	ND(9.5)	ND(9.5)	ND(9.5)	ND(9.5)	ND(9.5)	ND(9.5)
63X-2	7/1/2008	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)	ND(0.94)
63X-3	7/1/2008	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)
63X-4	7/1/2008	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
63X-5	7/1/2008	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)
63X-6	7/1/2008	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)

Notes:

1. Samples were 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 2-4
DATA RECEIVED DURING JULY 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:	G8-64G-01 07/01/08	G8-64G-02 07/01/08	G8-64G-03 07/01/08	G8-64G-04 07/01/08	G8-64G-05 07/01/08	G8-64G-06 07/01/08	G8-64G-07 07/01/08	G8-64G-08 07/01/08
Volatile Organics									
1,1,1-Trichloroethane		0.0021	NA	NA	NA	0.0024	NA	NA	NA
1,1-Dichloroethane		0.0020	NA	NA	NA	0.0024	NA	NA	NA
1,2-Dichlorobenzene		0.00043	NA	NA	NA	ND(0.00031)	NA	NA	NA
1,3-Dichlorobenzene		0.0064	NA	NA	NA	0.00040	NA	NA	NA
1,4-Dichlorobenzene		0.015	NA	NA	NA	0.00034	NA	NA	NA
Benzene		0.043	NA	NA	NA	ND(0.00018)	NA	NA	NA
bis(Chloromethyl)ether		Not present	NA	NA	NA	Not present	NA	NA	NA
Chlorobenzene		0.18	NA	NA	NA	0.00035	NA	NA	NA
Chloroethane		0.0011	NA	NA	NA	0.0012	NA	NA	NA
Chloroform		ND(0.00017)	NA	NA	NA	0.00026	NA	NA	NA
Chloromethane		0.0012	NA	NA	NA	0.0015	NA	NA	NA
Ethylbenzene		0.050	NA	NA	NA	ND(0.00017)	NA	NA	NA
Toluene		0.0018	NA	NA	NA	ND(0.00011)	NA	NA	NA
Trichloroethene		0.00030	NA	NA	NA	ND(0.00026)	NA	NA	NA
Vinyl Chloride		0.0012	NA	NA	NA	0.00054	NA	NA	NA
PCBs-Unfiltered									
None Detected		NA	NA	--	NA	NA	NA	--	NA
Semivolatile Organics									
1,2,4-Trichlorobenzene		NA	0.0020 J	NA	NA	NA	ND(0.0050)	NA	NA
Acenaphthene		NA	0.025	NA	NA	NA	ND(0.0050)	NA	NA
Acenaphthylene		NA	0.0014 J	NA	NA	NA	ND(0.0050)	NA	NA
Anthracene		NA	0.0014 J	NA	NA	NA	ND(0.0050)	NA	NA
Fluoranthene		NA	0.0016 J	NA	NA	NA	ND(0.0050)	NA	NA
Fluorene		NA	0.0051	NA	NA	NA	ND(0.0050)	NA	NA
Naphthalene		NA	0.038	NA	NA	NA	ND(0.0050)	NA	NA
Phenanthrene		NA	0.0041 J	NA	NA	NA	ND(0.0050)	NA	NA
Pyrene		NA	0.0018 J	NA	NA	NA	ND(0.0050)	NA	NA
Conventionals									
Oil & Grease		NA	NA	NA	ND(5.0)	NA	NA	NA	ND(5.0)

TABLE 2-4
DATA RECEIVED DURING JULY 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:	G8-64G-09 07/01/08	G8-64G-10 07/01/08	G8-64G-11 07/01/08	G8-64G-12 07/01/08	G8-64G-13 07/01/08	G8-64G-14 07/01/08	G8-64G-15 07/01/08	G8-64G-16 07/01/08
Volatile Organics									
1,1,1-Trichloroethane		0.0020	NA	NA	NA	0.0012	NA	NA	NA
1,1-Dichloroethane		0.0025	NA	NA	NA	0.0017	NA	NA	NA
1,2-Dichlorobenzene		ND(0.00031)	NA	NA	NA	ND(0.00031)	NA	NA	NA
1,3-Dichlorobenzene		ND(0.00035)	NA	NA	NA	ND(0.00035)	NA	NA	NA
1,4-Dichlorobenzene		ND(0.00020)	NA	NA	NA	ND(0.00020)	NA	NA	NA
Benzene		ND(0.00018)	NA	NA	NA	ND(0.00018)	NA	NA	NA
bis(Chloromethyl)ether		Not present	NA	NA	NA	Not present	NA	NA	NA
Chlorobenzene		ND(0.00020)	NA	NA	NA	ND(0.00020)	NA	NA	NA
Chloroethane		0.0010	NA	NA	NA	0.0011	NA	NA	NA
Chloroform		0.00041	NA	NA	NA	0.00026	NA	NA	NA
Chloromethane		0.0014	NA	NA	NA	0.00084	NA	NA	NA
Ethylbenzene		ND(0.00017)	NA	NA	NA	ND(0.00017)	NA	NA	NA
Toluene		ND(0.00011)	NA	NA	NA	ND(0.00011)	NA	NA	NA
Trichloroethene		ND(0.00026)	NA	NA	NA	ND(0.00026)	NA	NA	NA
Vinyl Chloride		0.00073	NA	NA	NA	0.00077	NA	NA	NA
PCBs-Unfiltered									
None Detected		NA	NA	--	NA	NA	NA	--	NA
Semivolatile Organics									
1,2,4-Trichlorobenzene		NA	ND(0.0050)	NA	NA	NA	ND(0.0051)	NA	NA
Acenaphthene		NA	ND(0.0050)	NA	NA	NA	ND(0.0051)	NA	NA
Acenaphthylene		NA	ND(0.0050)	NA	NA	NA	ND(0.0051)	NA	NA
Anthracene		NA	ND(0.0050)	NA	NA	NA	ND(0.0051)	NA	NA
Fluoranthene		NA	ND(0.0050)	NA	NA	NA	ND(0.0051)	NA	NA
Fluorene		NA	ND(0.0050)	NA	NA	NA	ND(0.0051)	NA	NA
Naphthalene		NA	ND(0.0050)	NA	NA	NA	ND(0.0051)	NA	NA
Phenanthrene		NA	ND(0.0050)	NA	NA	NA	ND(0.0051)	NA	NA
Pyrene		NA	ND(0.0050)	NA	NA	NA	ND(0.0051)	NA	NA
Conventionals									
Oil & Grease		NA	NA	NA	ND(5.0)	NA	NA	NA	ND(5.0)

- Notes:
1. Samples were collected by General Electric Company and submitted to Accutest Laboratories and Columbia Analytical Services, Inc. for analysis of volatiles, PCBs, semivolatiles, and oil & grease.
 2. NA - Not Analyzed.
 3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
 4. With the exception of 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.
 6. Not present - Calibration for the compound bis(Chloromethyl)ether was not performed and reported as a tentively identified compound (TIC).

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

**TABLE 2-5
PCB DATA RECEIVED DURING JULY 2008**

**BUILDING 64G WWTF EFFLUENT LINE CLEANING AND PROCESS SAND REMOVAL
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, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Effluent-1	7/14/2008	ND(0.043)	0.13	0.31	0.44
F3578-1	7/14/2008	ND(0.032)	0.23	0.11	0.34

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 2-6 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

**TABLE 2-6
TCLP DATA RECEIVED DURING JULY 2008**

**BUILDING 64G WWTF EFFLUENT LINE CLEANING AND PROCESS SAND REMOVAL
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	Effluent-1 7/14/2008	F3578-1 7/14/2008
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(0.028)	ND(0.031)
Pyridine		5	ND(0.0060)	ND(0.0060)
Inorganics				
Arsenic		5	ND(0.200)	0.0221 B
Barium		100	1.23 B	1.04 B
Cadmium		1	ND(0.100)	ND(0.100)
Chromium		5	ND(0.100)	0.0183 B
Lead		5	0.0856 B	ND(0.100)
Mercury		0.2	ND(0.000570)	ND(0.000570)
Selenium		1	ND(0.200)	ND(0.200)
Silver		5	0.0298 B	0.0334 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 2-5 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 the practical quantitation limit (PQL).

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

a. Activities Undertaken/Completed

- Collected and transferred approximately 96,000 gallons of water from Building 9 to Building 64G for treatment.
- Continued communications with EPA 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 waste characterization sampling from various activities as identified in Table 3-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted report on initial post-construction inspection of remediated areas (July 9, 2008).*

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

- Prepare final CD Modification to allow on-site disposition of crushed demolition debris from Buildings 7, 11, 16, 17, 17C, and 19, as well as final Placement Plan for on-site use of that crushed demolition debris.*
- Schedule initiation of demolition activities for Buildings 7, 11, 16, 17, 17C, and 19 following filing of CD Modification to allow on-site disposition of crushed demolition debris from those buildings.
- Conduct Fall 2008 inspection of restored areas.

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 PEDDA (i.e., the 19s Complex).*

**ITEM 3
(cont'd)
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
JULY 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. Milette [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

**TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2008**

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Building 100 Maintenance-Road Sign Installation Soil Sampling	Sign-1	7/22/08	Soil	SGS	PCB,	
Building 100 Maintenance-Concrete Cutting Water New Machinery Installation	A4089-1	7/22/08	Water	SGS	PCB	
Building 100 Maintenance-Shower Water from Asbestos Abatement	B2032-1	7/22/08	Water	SGS	PCB	
PCB Ambient Air Sampling	M6	06/24 - 06/25/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	M7	06/24 - 06/25/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	MC3A	06/24 - 06/25/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	MC3A-CO (colocated)	06/24 - 06/25/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	S2	06/24 - 06/25/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	Background - East of Building 9B	06/24 - 06/25/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	Field Blank	06/26 - 06/27/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	M6	06/26 - 06/27/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	M7	06/26 - 06/27/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	MC3A	06/26 - 06/27/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	MC3A-CO (colocated)	06/26 - 06/27/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	S2	06/26 - 06/27/08	Air	NEA	PCB	7/9/2008
PCB Ambient Air Sampling	Background - East of Building 9B	06/26 - 06/27/08	Air	NEA	PCB	7/9/2008

TABLE 3-2
AMBIENT AIR PCB DATA RECEIVED DURING JULY 2008
BUILDINGS 7, 11, 16, 17, 17C AND 19 DEMOLITION ACTIVITIES
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sampling Event Period	Date Analytical Results Received by Berkshire Environmental Consultants, Inc.	Field Blank (µg/PUF)	M6 (µg/m3)	M7 (µg/m3)	MC3A (µg/m3)	MC3A-CO (colocated) (µg/m3)	S2 (µg/m3)	Background - East of Building 9B (µg/m3)
06/24 - 06/25/08	07/07/08	ND (<0.10)	0.0309	0.0031	0.0044	0.0041	0.0105	0.0022
06/26 - 06/27/08	07/07/08	ND (<0.10)	0.0295	0.0053	0.0095	0.0094	0.0086	0.0034
Notification Level		0.05	0.05	0.05	0.05	0.05	0.05	0.05

ND - Non-Detect

**ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
JULY 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 July 2008 was 10,000 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 July 15-16, 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 these 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 Tier I and Tier II data validation of PCB analytical data for ambient air samples collected from the OPCA air monitors on June 12-13, 2008. The Tier I and Tier II data validation consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations, as well as qualification of the data, in accordance with Validation Annex F in GE’s revised FSP/QAPP and the Region I Data Validation Functional Guidelines referenced therein. The Tier I/II review resulted in minor qualifications of the data (relating to the tentative identification of PCB Aroclor 1248), as shown in Table 5-5. The PCB analytical data from these samples have an overall usability of 100%. The validated data from this event are included in Table 5-6 (the year-to-date summary PCB table).
- Activities conducted in July 2008 related to site restoration activities for the relocation of storm and sanitary sewer lines from beneath the Hill 78 OPCA to the Hill 78 Area-Remainder are discussed in Item 6.
- Installed new fence along inside edge of Building 71 OPCA retaining wall.

**ITEM 5
(cont'd)
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GEC210/220)
JULY 2008**

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted draft Post-Removal Site Control Plan for the Hill 78 and Building 71 OPCAs (July 14, 2008).
- Submitted to EPA, via electronic mail, the PCB analytical results for ambient air samples collected from the OPCA monitors on July 15-16, 2008, along with Tier II validated results for the data from the June 12-13, 2008 air monitoring event (July 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.

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 JULY 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	7/15/2008	Air	Berkshire Environmental	Particulate Matter	7/18/2008
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	7/15/2008	Air	Berkshire Environmental	Particulate Matter	7/18/2008
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	7/15/2008	Air	Berkshire Environmental	Particulate Matter	7/18/2008
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	7/15/2008	Air	Berkshire Environmental	Particulate Matter	7/18/2008
Ambient Air Particulate Matter Sampling	West of OPCAs	7/15/2008	Air	Berkshire Environmental	Particulate Matter	7/18/2008
Ambient Air Particulate Matter Sampling	Background Location	7/15/2008	Air	Berkshire Environmental	Particulate Matter	7/18/2008
PCB Ambient Air Sampling	Northwest of OPCAs	07/15-07/16/2008	Air	NEA	PCB	7/28/2008
PCB Ambient Air Sampling	West of OPCAs	07/15-07/16/2008	Air	NEA	PCB	7/28/2008
PCB Ambient Air Sampling	West of OPCAs colocated	07/15-07/16/2008	Air	NEA	PCB	7/28/2008
PCB Ambient Air Sampling	North of OPCAs	07/15-07/16/2008	Air	NEA	PCB	7/28/2008
PCB Ambient Air Sampling	Southeast of OPCAs	07/15-07/16/2008	Air	NEA	PCB	7/28/2008
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	07/15-07/16/2008	Air	NEA	PCB	7/28/2008
PCB Ambient Air Sampling	Background East of Building 9B	07/15-07/16/2008	Air	NEA	PCB	7/28/2008

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
July 2008

Month / Year	Total Volume of Leachate Transferred (Gallons)
July 2007	9,000
August 2007	18,000
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

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 - JULY 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-071608-007	07/15-07/16/08	Aroclor 1248	0.00050 PE	--	PDR ¹
			Aroclor 1254	0.00060 AF	--	
			Total PCB	0.0011	No	
West of OPCAs	W-071608-301	07/15-07/16/08	Aroclor 1248	0.00051 PE	--	
			Aroclor 1254	0.00050 AF	--	
			Total PCB	0.0010	No	
West of OPCAs, colocated	WCO-071608-006	07/15-07/16/08	Aroclor 1248	0.00065 PE	--	
			Aroclor 1254	0.00079 AF	--	
			Total PCB	0.0014	No	
North of OPCAs	N-071608-002	07/15-07/16/08	Aroclor 1248	0.00043 PE	--	
			Aroclor 1254	0.00042 AF	--	
			Total PCB	0.0008	No	
Southeast of OPCAs	SE-071608-202	07/15-07/16/08	Aroclor 1248	0.00068 PE	--	
			Aroclor 1254	0.00110 AF	--	
			Total PCB	0.0018	No	
Pittsfield Generating (PGE)	PGE-071608-303	07/15-07/16/08	Aroclor 1248	0.00051 PE	--	
			Aroclor 1254	0.00050 AF	--	
			Total PCB	0.0010	No	
Background Sample Location - East of Building 9B	BK3-071608-001	07/15-07/16/08	Aroclor 1248	0.00058 PE	--	
			Aroclor 1254	0.00097 AF	--	
			Total PCB	0.0016	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 Date¹	Sampler Location	Average Site Concentration (mg/m³)	Background Site Concentration (mg/m³)	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 Date¹	Sampler Location	Average Site Concentration (mg/m³)	Background Site Concentration (mg/m³)	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 Date¹	Sampler Location	Average Site Concentration (mg/m³)	Background Site Concentration (mg/m³)	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 Date¹	Sampler Location	Average Site Concentration (mg/m³)	Background Site Concentration (mg/m³)	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 Date¹	Sampler Location	Average Site Concentration (mg/m³)	Background Site Concentration (mg/m³)	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 Date¹	Sampler Location	Average Site Concentration (mg/m³)	Background Site Concentration (mg/m³)	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 Date¹	Sampler Location	Average Site Concentration (mg/m³)	Background Site Concentration (mg/m³)	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 Date¹	Sampler Location	Average Site Concentration (mg/m³)	Background Site Concentration (mg/m³)	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 Date¹	Sampler Location	Average Site Concentration (mg/m³)	Background Site Concentration (mg/m³)	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	
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
ANALYTICAL DATA VALIDATION SUMMARY
AMBIENT AIR DATA FROM HILL 78/BUILDING 71 ON-PLANT CONSOLIDATION AREA (OPCA) MONITORS FOR WHICH DATA VALIDATION WAS PERFORMED IN JULY 2008**

**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in micrograms per PUF, ug/PUF)**

Sample Delivery Group No.	Sample Location	Sample ID	Lab Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result (ug/PUF)	Qualified Result (ug/m ³)	Notes
EPA TO-4A														
08060115	Northwest of OPCAs	NW-061308-007	AL09675	6/13/2008	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 Tentatively Identified	0.106(ug/PUF)	-	0.106 J	0.0003 J	
								Total PCBs	Aroclor-1248 Tentatively Identified	0.106(ug/PUF)	-	0.106 J	0.0003 J	
08060115	West of OPCAs	W-061308-301	AL09676	6/13/2008	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 Tentatively Identified	0.122(ug/PUF)	-	0.122 J	0.0004 J	
								Total PCBs	Aroclor-1248 Tentatively Identified	0.227(ug/PUF)	-	0.227 J	0.0007 J	
08060115	West of OPCAs colocated	WCO-061308-006	AL09677	6/13/2008	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 Tentatively Identified	0.111(ug/PUF)	-	0.111 J	0.0003 J	
								Total PCBs	Aroclor-1248 Tentatively Identified	0.247(ug/PUF)	-	0.247 J	0.0008 J	
08060115	North of OPCAs	N-061308-002	AL09678	6/13/2008	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 Tentatively Identified	0.103(ug/PUF)	-	0.103 J	0.0003 J	
								Total PCBs	Aroclor-1248 Tentatively Identified	0.103(ug/PUF)	-	0.103 J	0.0003 J	
08060115	Southeast of OPCAs	SE-061308-202	AL09679	6/13/2008	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 Tentatively Identified	0.102(ug/PUF)	-	0.102 J	0.0003 J	
								Total PCBs	Aroclor-1248 Tentatively Identified	0.102(ug/PUF)	-	0.102 J	0.0003 J	
08060115	Pittsfield Generating (PGE)	PGE-061308-303	AL09680	6/13/2008	Air	Tier II	No							
08060115	Background Sample Location - East of Building 9B	BK3-061308-001	AL09681	6/13/2008	Air	Tier II	Yes	Aroclor-1248	Aroclor-1248 Tentatively Identified	0.138(ug/PUF)	-	0.138 J	0.0004 J	
								Total PCBs	Aroclor-1248 Tentatively Identified	0.369(ug/PUF)	-	0.369 J	0.0011 J	

**TABLE 5-6
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	0.0010	0.0014	0.0008	0.0018	0.0010	0.0016	---	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
(GECD160)
JULY 2008**

a. Activities Undertaken/Completed

- Continued site restoration activities (e.g., site grading, seeding, loaming) for the utility re-routing project around the Hill 78 OPCA.*
- Conducted sampling of Building 78 maintenance oil on July 1, 2008, as shown in Table 6-1.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

Complete site restoration activities (e.g., seeding, loaming) for the utility re-routing project around the Hill 78 OPCA.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

**TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2008**

**HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Building 78 Maintenance Oil Sampling	C2023	7/1/08	Oil	SGS	PCB	7/15/08
Building 78 Maintenance Oil Sampling	C2254	7/1/08	Oil	SGS	PCB	7/15/08
Building 78 Maintenance Oil Sampling	C2255	7/1/08	Oil	SGS	PCB	7/15/08
Building 78 Maintenance Oil Sampling	C2256	7/1/08	Oil	SGS	PCB	7/15/08
Building 78 Maintenance Oil Sampling	C2258	7/1/08	Oil	SGS	PCB	7/15/08
Building 78 Maintenance Oil Sampling	C2259	7/1/08	Oil	SGS	PCB	7/15/08

**TABLE 6-2
PCB DATA RECEIVED DURING JULY 2008**

**BUILDING 78 MAINTENANCE OIL SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
C2023	7/1/2008	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)
C2254	7/1/2008	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)
C2255	7/1/2008	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)
C2256	7/1/2008	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)
C2258	7/1/2008	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)
C2259	7/1/2008	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)

Notes:

1. Samples were 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.

**ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GEC170)
JULY 2008**

a. Activities Undertaken/Completed

- Continued flow monitoring activities in Unkamet Brook.*
- Continued flow modeling for Unkamet Brook based on the flow monitoring data.*
- Continued efforts to obtain access permission from CSX Transportation for surveying and sampling proposed in GE's Second Supplement to Pre-Design Investigation Report (submitted in April 2008).*
- Initiated sampling within Unkamet Brook Avenue-West as proposed in the Second Supplement to Pre-Design Investigation Report and conditionally approved by EPA on June 30, 2008.*

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 June 20, 2008.*

c. Work Plans/Reports/Documents Submitted

Submitted Third Supplement to the Pre-Design Investigation Report (July 29, 2008).

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

- Continue flow modeling for Unkamet Brook based on the flow monitoring data.*
- Complete sampling in Unkamet Area-West proposed in the Second Supplement to Pre-Design Investigation Report in accordance with EPA's June 30, 2008 conditional approval letter.*
- Finalize agreement with CSX Transportation for access to its property to conduct surveying in preparation for subsequent sampling.*
- Advise EPA of status of efforts to obtain access to CSX Transportation property (by August 28, 2008).*

**ITEM 7
(cont'd)
PLANT AREA
UNKAMET BROOK AREA
(GEC170)
JULY 2008**

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE expects to reach agreement with CSX Transportation for access to its property for surveying. CSX Transportation has indicated that a separate access agreement will be drafted to cover access for sampling once the survey activities on its property have been performed and the scope of sampling is defined.*

f. Proposed/Approved Work Plan Modifications

None

**TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 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	K11-7-2-DUP-1 (K11-7-2-W-I3)	7/22/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-DUP-2 (K11-7-2-W-H5)	7/23/08	0-1	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-DUP-3 (K11-7-2-W-N8)	7/25/08	2-4	Soil	SGS	VOC	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-DUP-4 (K11-7-2-W-N8)	7/25/08	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-G5	7/22/08	6-15	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-G5	7/22/08	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-G5	7/22/08	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics,	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-G5	7/22/08	3-4	Soil	SGS	VOC	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-H3	7/22/08	0-1	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-H3	7/22/08	6-15	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-H3	7/22/08	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-H3	7/22/08	4-6	Soil	SGS	VOC	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-H5	7/23/08	0-1	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-H5	7/23/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-H5	7/23/08	6-15	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-H6	7/24/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-H6	7/24/08	6-12	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-H6	7/24/08	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics,	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-H6	7/24/08	10-12	Soil	SGS	VOC	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I3	7/22/08	0-1	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I3	7/22/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I3	7/22/08	6-15	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I4	7/23/08	6-15	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I4	7/23/08	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I4	7/23/08	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics,	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I4	7/23/08	4-6	Soil	SGS	VOC	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I5	7/21/08	0-1	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I5	7/21/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I5	7/21/08	6-12	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I6	7/25/08	0-1	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I6	7/25/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-I6	7/25/08	6-11	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-J2	7/22/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-J2	7/22/08	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-J2	7/22/08	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics,	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-J2	7/22/08	8-10	Soil	SGS	VOC	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-J3	7/23/08	0-1	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-J3	7/23/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-J3	7/23/08	6-15	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-J5	7/25/08	0-1	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-J5	7/25/08	6-8	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-J5	7/25/08	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-J5	7/25/08	1-3	Soil	SGS	VOC	

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

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

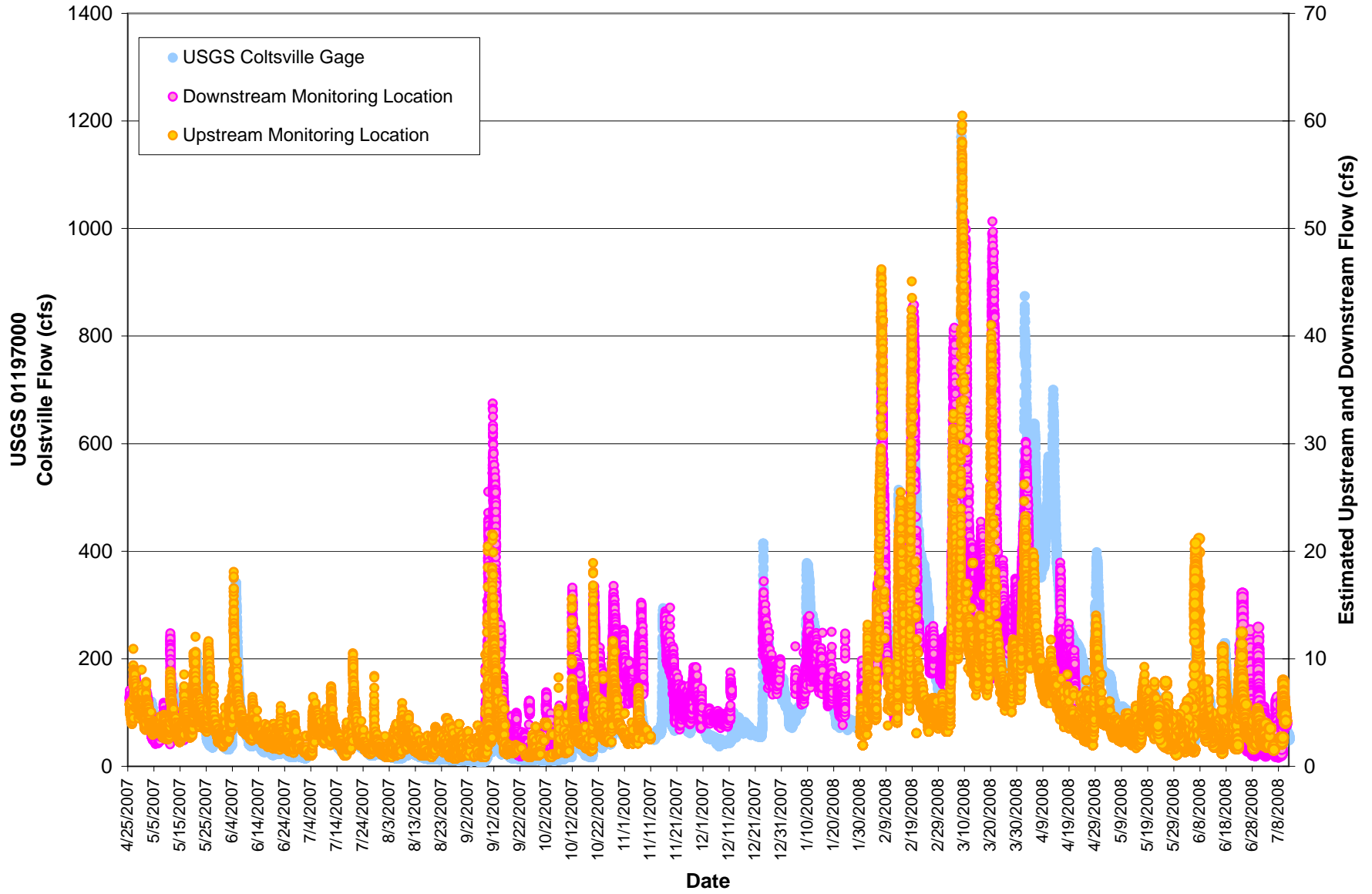
Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-M7	7/25/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-M7	7/25/08	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-M7	7/25/08	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics,	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-M7	7/25/08	6-8	Soil	SGS	VOC	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-N8	7/25/08	0-1	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-N8	7/25/08	6-15	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-N8	7/25/08	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-N8	7/25/08	3-4	Soil	SGS	VOC	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-P8	7/25/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-P8	7/25/08	6-15	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	K11-7-2-W-P8	7/25/08	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics,	
July 2008 Supplemental to Pre-Design Investigation	UB-ITL-1	7/28/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	UB-ITL-2	7/28/08	1-6	Soil	SGS	PCB	
July 2008 Supplemental to Pre-Design Investigation	UB-ITL-3	7/28/08	1-6	Soil	SGS	PCB	

Note:

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

Graph 7-1. Estimated Upstream and Downstream Flow Results

PRELIMINARY DRAFT
WORK IN PROGRESS



UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/20/2008 0:05	2.583	0.17
6/20/2008 0:10	2.584	0.17
6/20/2008 0:15	2.583	0.17
6/20/2008 0:20	2.584	0.17
6/20/2008 0:25	2.584	0.17
6/20/2008 0:30	2.583	0.17
6/20/2008 0:35	2.584	0.17
6/20/2008 0:40	2.584	0.17
6/20/2008 0:45	2.584	0.18
6/20/2008 0:50	2.584	0.18
6/20/2008 0:55	2.584	0.18
6/20/2008 1:00	2.584	0.18
6/20/2008 1:05	2.584	0.18
6/20/2008 1:10	2.584	0.18
6/20/2008 1:15	2.584	0.18
6/20/2008 1:20	2.585	0.18
6/20/2008 1:25	2.584	0.18
6/20/2008 1:30	2.585	0.18
6/20/2008 1:35	2.585	0.18
6/20/2008 1:40	2.585	0.18
6/20/2008 1:45	2.585	0.18
6/20/2008 1:50	2.585	0.18
6/20/2008 1:55	2.585	0.18
6/20/2008 2:00	2.585	0.18
6/20/2008 2:05	2.585	0.18
6/20/2008 2:10	2.585	0.18
6/20/2008 2:15	2.585	0.18
6/20/2008 2:20	2.585	0.18
6/20/2008 2:25	2.585	0.18
6/20/2008 2:30	2.585	0.18
6/20/2008 2:35	2.586	0.18
6/20/2008 2:40	2.586	0.84
6/20/2008 2:45	2.586	0.84
6/20/2008 2:50	2.586	0.15
6/20/2008 2:55	2.586	0.16
6/20/2008 3:00	2.586	0.16
6/20/2008 3:05	2.586	0.16
6/20/2008 3:10	2.587	0.16
6/20/2008 3:15	2.587	0.16
6/20/2008 3:20	2.587	0.32
6/20/2008 3:25	2.587	0.32
6/20/2008 3:30	2.588	0.32
6/20/2008 3:35	2.588	0.32
6/20/2008 3:40	2.588	0.16

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/20/2008 3:45	2.588	0.16
6/20/2008 3:50	2.589	0.16
6/20/2008 3:55	2.589	0.18
6/20/2008 4:00	2.589	0.16
6/20/2008 4:05	2.589	0.16
6/20/2008 4:10	2.59	0.17
6/20/2008 4:15	2.59	0.19
6/20/2008 4:20	2.59	0.17
6/20/2008 4:25	2.59	0.17
6/20/2008 4:30	2.591	0.17
6/20/2008 4:35	2.591	0.19
6/20/2008 4:40	2.591	0.16
6/20/2008 4:45	2.592	0.19
6/20/2008 4:50	2.592	0.19
6/20/2008 4:55	2.592	0.19
6/20/2008 5:00	2.593	0.19
6/20/2008 5:05	2.593	0.19
6/20/2008 5:10	2.593	0.19
6/20/2008 5:15	2.594	0.19
6/20/2008 5:20	2.594	0.19
6/20/2008 5:25	2.594	0.19
6/20/2008 5:30	2.595	0.19
6/20/2008 5:35	2.595	0.19
6/20/2008 5:40	2.595	0.16
6/20/2008 5:45	2.595	0.16
6/20/2008 5:50	2.595	0.16
6/20/2008 5:55	2.596	0.16
6/20/2008 6:00	2.596	0.16
6/20/2008 6:05	2.596	0.16
6/20/2008 6:10	2.597	0.16
6/20/2008 6:15	2.597	0.16
6/20/2008 6:20	2.597	0.16
6/20/2008 6:25	2.597	0.16
6/20/2008 6:30	2.598	0.16
6/20/2008 6:35	2.599	0.16
6/20/2008 6:40	2.598	0.16
6/20/2008 6:45	2.599	0.16
6/20/2008 6:50	2.599	0.16
6/20/2008 6:55	2.6	0.16
6/20/2008 7:00	2.6	0.16
6/20/2008 7:05	2.6	0.16
6/20/2008 7:10	2.6	0.16
6/20/2008 7:15	2.601	0.18
6/20/2008 7:20	2.601	0.18

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/20/2008 7:25	2.601	0.18
6/20/2008 7:30	2.601	0.18
6/20/2008 7:35	2.602	0.18
6/20/2008 7:40	2.602	0.18
6/20/2008 7:45	2.603	0.18
6/20/2008 7:50	2.603	0.18
6/20/2008 7:55	2.603	0.18
6/20/2008 8:00	2.604	0.18
6/20/2008 8:05	2.604	0.18
6/20/2008 8:10	2.604	0.18
6/20/2008 8:15	2.605	0.18
6/20/2008 8:20	2.605	0.18
6/20/2008 8:25	2.605	0.18
6/20/2008 8:30	2.606	0.18
6/20/2008 8:35	2.606	0.18
6/20/2008 8:40	2.606	0.18
6/20/2008 8:45	2.606	0.18
6/20/2008 8:50	2.607	0.19
6/20/2008 8:55	2.607	0.19
6/20/2008 9:00	2.607	0.19
6/20/2008 9:05	2.607	0.19
6/20/2008 9:10	2.608	0.17
6/20/2008 9:15	2.608	0.17
6/20/2008 9:20	2.609	0.17
6/20/2008 9:25	2.608	0.17
6/20/2008 9:30	2.609	0.16
6/20/2008 9:35	2.609	0.19
6/20/2008 9:40	2.61	0.18
6/20/2008 9:45	2.61	0.17
6/20/2008 9:50	2.61	0.17
6/20/2008 9:55	2.61	0.17
6/20/2008 10:00	2.611	0.17
6/20/2008 10:05	2.611	0.17
6/20/2008 10:10	2.612	0.16
6/20/2008 10:15	2.612	0.16
6/20/2008 10:20	2.612	0.18
6/20/2008 10:25	2.612	0.18
6/20/2008 10:30	2.612	0.18
6/20/2008 10:35	2.612	0.18
6/20/2008 10:40	2.613	0.18
6/20/2008 10:45	2.612	0.18
6/20/2008 10:50	2.613	0.18
6/20/2008 10:55	2.613	0.18
6/20/2008 11:00	2.614	0.18

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/20/2008 11:05	2.614	0.17
6/20/2008 11:10	2.613	0.17
6/20/2008 11:15	2.612	0.16
6/20/2008 11:20	2.61	0.16
6/20/2008 11:25	2.61	0.16
6/20/2008 11:30	2.609	0.16
6/20/2008 11:35	2.606	0.16
6/20/2008 11:40	2.604	0.16
6/20/2008 11:45	2.605	0.17
6/20/2008 11:50	2.604	0.16
6/20/2008 11:55	2.605	0.16
6/20/2008 12:00	2.604	0.16
6/20/2008 12:05	2.604	0.16
6/20/2008 12:10	2.601	0.16
6/20/2008 12:15	2.601	0.16
6/20/2008 12:20	2.599	0.16
6/20/2008 12:25	2.599	0.16
6/20/2008 12:30	2.6	0.16
6/20/2008 12:35	2.598	0.16
6/20/2008 12:40	2.597	0.16
6/20/2008 12:45	2.597	0.16
6/20/2008 12:50	2.596	0.18
6/20/2008 12:55	2.596	0.18
6/20/2008 13:00	2.594	0.18
6/20/2008 13:05	2.593	0.18
6/20/2008 13:10	2.593	0.18
6/20/2008 13:15	2.592	0.18
6/20/2008 13:20	2.591	0.18
6/20/2008 13:25	2.589	0.18
6/20/2008 13:30	2.588	0.18
6/20/2008 13:35	2.587	0.18
6/20/2008 13:40	2.587	0.17
6/20/2008 13:45	2.587	0.17
6/20/2008 13:50	2.586	0.17
6/20/2008 13:55	2.585	0.17
6/20/2008 14:00	2.584	0.17
6/20/2008 14:05	2.584	0.17
6/20/2008 14:10	2.582	0.17
6/20/2008 14:15	2.582	0.17
6/20/2008 14:20	2.58	0.17
6/20/2008 14:25	2.579	0.17
6/20/2008 14:30	2.578	0.17
6/20/2008 14:35	2.577	0.17
6/20/2008 14:40	2.577	0.17

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/20/2008 14:45	2.577	0.17
6/20/2008 14:50	2.576	0.17
6/20/2008 14:55	2.575	0.15
6/20/2008 15:00	2.574	0.15
6/20/2008 15:05	2.572	0.15
6/20/2008 15:10	2.572	0.15
6/20/2008 15:15	2.572	0.15
6/20/2008 15:20	2.571	0.15
6/20/2008 15:25	2.57	0.15
6/20/2008 15:30	2.571	0.15
6/20/2008 15:35		0.15
6/20/2008 15:40	2.57	0.15
6/20/2008 15:45	2.569	0.44
6/20/2008 15:50	2.57	0.44
6/20/2008 15:55	2.591	0.44
6/20/2008 16:00	2.663	0.4
6/20/2008 16:05	2.647	0.4
6/20/2008 16:10	2.63	0.4
6/20/2008 16:15	2.615	0.4
6/20/2008 16:20	2.6	0.4
6/20/2008 16:25	2.589	0.19
6/20/2008 16:30	2.583	0.19
6/20/2008 16:35	2.578	0.18
6/20/2008 16:40	2.575	0.19
6/20/2008 16:45	2.572	0.19
6/20/2008 16:50	2.571	0.19
6/20/2008 16:55	2.569	0.19
6/20/2008 17:00	2.568	0.19
6/20/2008 17:05	2.566	0.19
6/20/2008 17:10	2.564	0.15
6/20/2008 17:15	2.562	0.16
6/20/2008 17:20	2.559	0.16
6/20/2008 17:25	2.557	0.16
6/20/2008 17:30	2.553	0.16
6/20/2008 17:35	2.551	0.16
6/20/2008 17:40	2.548	0.16
6/20/2008 17:45	2.545	0.16
6/20/2008 17:50	2.542	0.16
6/20/2008 17:55	2.543	0.16
6/20/2008 18:00	2.6	0.16
6/20/2008 18:05	2.618	0.26
6/20/2008 18:10	2.61	0.23
6/20/2008 18:15	2.598	0.21
6/20/2008 18:20	2.584	0.21

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/20/2008 18:25	2.572	0.21
6/20/2008 18:30	2.562	0.21
6/20/2008 18:35	2.554	0.21
6/20/2008 18:40	2.548	0.2
6/20/2008 18:45	2.542	0.2
6/20/2008 18:50	2.537	0.2
6/20/2008 18:55	2.534	0.2
6/20/2008 19:00	2.531	0.2
6/20/2008 19:05	2.529	0.2
6/20/2008 19:10	2.528	0.2
6/20/2008 19:15	2.527	0.2
6/20/2008 19:20	2.525	0.2
6/20/2008 19:25	2.523	0.2
6/20/2008 19:30	2.522	0.2
6/20/2008 19:35	2.521	0.2
6/20/2008 19:40	2.519	0.2
6/20/2008 19:45	2.519	0.2
6/20/2008 19:50	2.517	0.2
6/20/2008 19:55	2.516	0.2
6/20/2008 20:00	2.515	0.2
6/20/2008 20:05	2.514	0.2
6/20/2008 20:10	2.513	0.2
6/20/2008 20:15	2.512	0.2
6/20/2008 20:20	2.512	0.2
6/20/2008 20:25	2.511	0.2
6/20/2008 20:30	2.509	0.2
6/20/2008 20:35	2.508	0.2
6/20/2008 20:40	2.508	0.2
6/20/2008 20:45	2.507	0.2
6/20/2008 20:50	2.506	0.2
6/20/2008 20:55	2.505	0.2
6/20/2008 21:00	2.504	0.2
6/20/2008 21:05	2.503	0.2
6/20/2008 21:10	2.503	0.2
6/20/2008 21:15	2.501	0.2
6/20/2008 21:20	2.501	0.18
6/20/2008 21:25	2.5	0.18
6/20/2008 21:30	2.498	0.16
6/20/2008 21:35	2.497	0.18
6/20/2008 21:40	2.497	0.18
6/20/2008 21:45	2.495	0.18
6/20/2008 21:50	2.495	0.18
6/20/2008 21:55	2.493	0.18
6/20/2008 22:00	2.493	0.18

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/20/2008 22:05	2.492	0.18
6/20/2008 22:10	2.491	0.18
6/20/2008 22:15	2.49	0.18
6/20/2008 22:20	2.489	0.18
6/20/2008 22:25	2.488	0.23
6/20/2008 22:30	2.487	0.23
6/20/2008 22:35	2.487	0.21
6/20/2008 22:40	2.486	0.21
6/20/2008 22:45	2.485	0.21
6/20/2008 22:50	2.485	0.21
6/20/2008 22:55	2.483	0.21
6/20/2008 23:00	2.482	0.21
6/20/2008 23:05	2.481	0.21
6/20/2008 23:10	2.481	0.21
6/20/2008 23:15	2.48	0.21
6/20/2008 23:20	2.479	0.21
6/20/2008 23:25	2.478	0.21
6/20/2008 23:30	2.478	0.2
6/20/2008 23:35	2.477	0.2
6/20/2008 23:40	2.476	0.2
6/20/2008 23:45	2.475	0.2
6/20/2008 23:50	2.475	-0.56
6/20/2008 23:55	2.474	0.2
6/21/2008 0:00	2.474	0.3
6/21/2008 0:05	2.473	0.3
6/21/2008 0:10	2.473	0.3
6/21/2008 0:15	2.473	0.3
6/21/2008 0:20	2.472	0.3
6/21/2008 0:25	2.472	0.3
6/21/2008 0:30	2.472	0.18
6/21/2008 0:35	2.471	0.18
6/21/2008 0:40	2.471	0.18
6/21/2008 0:45	2.471	0.18
6/21/2008 0:50	2.471	0.2
6/21/2008 0:55	2.47	0.2
6/21/2008 1:00	2.47	0.17
6/21/2008 1:05	2.47	0.17
6/21/2008 1:10	2.469	0.17
6/21/2008 1:15	2.469	0.17
6/21/2008 1:20	2.469	0.17
6/21/2008 1:25	2.469	0.19
6/21/2008 1:30	2.468	0.19
6/21/2008 1:35	2.468	0.18
6/21/2008 1:40	2.468	0.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/21/2008 1:45	2.468	0.19
6/21/2008 1:50	2.467	0.19
6/21/2008 1:55	2.467	0.41
6/21/2008 2:00	2.467	0.41
6/21/2008 2:05	2.467	0.41
6/21/2008 2:10	2.467	0.41
6/21/2008 2:15	2.467	0.41
6/21/2008 2:20	2.466	0.17
6/21/2008 2:25	2.466	0.17
6/21/2008 2:30	2.466	0.17
6/21/2008 2:35	2.466	0.17
6/21/2008 2:40	2.466	0.17
6/21/2008 2:45	2.465	0.17
6/21/2008 2:50	2.465	0.17
6/21/2008 2:55	2.466	0.22
6/21/2008 3:00	2.465	0.22
6/21/2008 3:05	2.465	0.22
6/21/2008 3:10	2.465	0.22
6/21/2008 3:15	2.465	0.22
6/21/2008 3:20	2.465	0.22
6/21/2008 3:25	2.464	0.22
6/21/2008 3:30	2.464	0.22
6/21/2008 3:35	2.464	0.22
6/21/2008 3:40	2.464	0.22
6/21/2008 3:45	2.464	0.18
6/21/2008 3:50	2.463	0.18
6/21/2008 3:55	2.464	0.18
6/21/2008 4:00	2.464	0.18
6/21/2008 4:05	2.464	0.36
6/21/2008 4:10	2.464	0.16
6/21/2008 4:15	2.464	0.21
6/21/2008 4:20	2.464	0.21
6/21/2008 4:25	2.464	0.21
6/21/2008 4:30	2.464	0.3
6/21/2008 4:35	2.464	0.3
6/21/2008 4:40	2.464	0.3
6/21/2008 4:45	2.464	0.3
6/21/2008 4:50	2.464	0.33
6/21/2008 4:55	2.464	0.26
6/21/2008 5:00	2.464	0.26
6/21/2008 5:05	2.464	0.26
6/21/2008 5:10	2.464	0.26
6/21/2008 5:15	2.464	0.26
6/21/2008 5:20	2.464	0.26

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/21/2008 5:25	2.464	0.26
6/21/2008 5:30	2.464	0.26
6/21/2008 5:35	2.464	0.26
6/21/2008 5:40	2.464	0.26
6/21/2008 5:45	2.464	0.26
6/21/2008 5:50	2.464	0.26
6/21/2008 5:55	2.464	0.26
6/21/2008 6:00	2.464	0.26
6/21/2008 6:05	2.464	0.26
6/21/2008 6:10	2.465	0.16
6/21/2008 6:15	2.464	0.16
6/21/2008 6:20	2.465	0.17
6/21/2008 6:25	2.465	0.17
6/21/2008 6:30	2.465	0.17
6/21/2008 6:35	2.465	0.17
6/21/2008 6:40	2.465	0.17
6/21/2008 6:45	2.465	0.17
6/21/2008 6:50	2.465	0.17
6/21/2008 6:55	2.465	0.17
6/21/2008 7:00	2.465	0.17
6/21/2008 7:05	2.465	0.16
6/21/2008 7:10	2.465	0.16
6/21/2008 7:15	2.465	0.16
6/21/2008 7:20	2.465	0.16
6/21/2008 7:25	2.465	0.16
6/21/2008 7:30	2.465	0.16
6/21/2008 7:35	2.465	0.16
6/21/2008 7:40	2.466	0.18
6/21/2008 7:45	2.465	0.18
6/21/2008 7:50	2.465	0.18
6/21/2008 7:55	2.465	0.18
6/21/2008 8:00	2.465	0.17
6/21/2008 8:05	2.465	0.17
6/21/2008 8:10	2.465	0.17
6/21/2008 8:15	2.465	0.17
6/21/2008 8:20	2.465	0.17
6/21/2008 8:25	2.465	0.18
6/21/2008 8:30	2.465	0.18
6/21/2008 8:35	2.465	0.17
6/21/2008 8:40	2.465	0.18
6/21/2008 8:45	2.465	0.18
6/21/2008 8:50	2.465	0.18
6/21/2008 8:55	2.465	0.18
6/21/2008 9:00	2.465	0.18

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/21/2008 9:05	2.465	0.18
6/21/2008 9:10	2.465	0.18
6/21/2008 9:15	2.465	0.18
6/21/2008 9:20	2.464	0.18
6/21/2008 9:25	2.464	0.18
6/21/2008 9:30	2.464	0.18
6/21/2008 9:35	2.465	0.18
6/21/2008 9:40	2.464	0.17
6/21/2008 9:45	2.465	0.17
6/21/2008 9:50	2.464	0.16
6/21/2008 9:55	2.465	0.16
6/21/2008 10:00	2.465	0.16
6/21/2008 10:05	2.465	0.16
6/21/2008 10:10	2.465	0.16
6/21/2008 10:15	2.465	0.16
6/21/2008 10:20	2.464	0.16
6/21/2008 10:25	2.463	0.17
6/21/2008 10:30	2.459	0.17
6/21/2008 10:35	2.459	0.17
6/21/2008 10:40	2.459	0.17
6/21/2008 10:45	2.458	0.17
6/21/2008 10:50	2.458	0.17
6/21/2008 10:55	2.458	0.17
6/21/2008 11:00	2.458	0.17
6/21/2008 11:05	2.458	0.17
6/21/2008 11:10	2.456	0.17
6/21/2008 11:15	2.456	0.17
6/21/2008 11:20	2.456	0.17
6/21/2008 11:25	2.455	0.17
6/21/2008 11:30	2.455	0.17
6/21/2008 11:35	2.456	0.17
6/21/2008 11:40	2.455	0.17
6/21/2008 11:45	2.454	0.17
6/21/2008 11:50	2.455	0.17
6/21/2008 11:55	2.454	0.17
6/21/2008 12:00	2.454	0.17
6/21/2008 12:05	2.453	0.17
6/21/2008 12:10	2.453	0.17
6/21/2008 12:15	2.453	0.17
6/21/2008 12:20	2.453	0.17
6/21/2008 12:25	2.452	0.17
6/21/2008 12:30	2.453	0.17
6/21/2008 12:35	2.452	0.17
6/21/2008 12:40	2.451	0.17

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/21/2008 12:45	2.451	0.17
6/21/2008 12:50	2.451	0.17
6/21/2008 12:55	2.451	0.17
6/21/2008 13:00	2.451	0.17
6/21/2008 13:05	2.45	0.17
6/21/2008 13:10	2.45	0.17
6/21/2008 13:15	2.45	0.16
6/21/2008 13:20	2.448	0.16
6/21/2008 13:25	2.449	0.14
6/21/2008 13:30	2.448	0.14
6/21/2008 13:35	2.447	0.14
6/21/2008 13:40	2.448	0.14
6/21/2008 13:45	2.448	0.14
6/21/2008 13:50	2.447	0.14
6/21/2008 13:55	2.446	0.14
6/21/2008 14:00	2.446	0.14
6/21/2008 14:05	2.447	0.15
6/21/2008 14:10	2.446	0.14
6/21/2008 14:15	2.445	0.14
6/21/2008 14:20	2.444	0.14
6/21/2008 14:25	2.444	0.14
6/21/2008 14:30	2.443	0.14
6/21/2008 14:35	2.443	0.14
6/21/2008 14:40	2.442	0.14
6/21/2008 14:45	2.442	0.14
6/21/2008 14:50	2.44	0.14
6/21/2008 14:55	2.441	0.14
6/21/2008 15:00	2.44	0.14
6/21/2008 15:05	2.44	0.14
6/21/2008 15:10	2.439	0.14
6/21/2008 15:15	2.44	0.14
6/21/2008 15:20	2.44	0.14
6/21/2008 15:25	2.44	0.14
6/21/2008 15:30	2.44	0.14
6/21/2008 15:35	2.44	0.14
6/21/2008 15:40	2.44	0.14
6/21/2008 15:45	2.44	0.13
6/21/2008 15:50	2.441	0.12
6/21/2008 15:55	2.439	0.12
6/21/2008 16:00	2.44	0.52
6/21/2008 16:05	2.439	0.52
6/21/2008 16:10	2.439	0.14
6/21/2008 16:15	2.438	0.14
6/21/2008 16:20	2.439	0.14

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/21/2008 16:25	2.438	0.14
6/21/2008 16:30	2.438	0.14
6/21/2008 16:35	2.438	0.14
6/21/2008 16:40	2.437	0.14
6/21/2008 16:45	2.438	0.14
6/21/2008 16:50	2.437	0.13
6/21/2008 16:55	2.439	0.16
6/21/2008 17:00	2.438	0.16
6/21/2008 17:05	2.438	0.16
6/21/2008 17:10	2.438	0.14
6/21/2008 17:15	2.438	0.14
6/21/2008 17:20	2.438	0.14
6/21/2008 17:25	2.438	0.24
6/21/2008 17:30	2.438	0.24
6/21/2008 17:35	2.438	0.24
6/21/2008 17:40	2.437	0.15
6/21/2008 17:45	2.438	0.15
6/21/2008 17:50	2.437	0.14
6/21/2008 17:55	2.437	0.14
6/21/2008 18:00	2.437	0.14
6/21/2008 18:05	2.437	0.14
6/21/2008 18:10	2.437	0.14
6/21/2008 18:15	2.437	0.14
6/21/2008 18:20	2.437	0.14
6/21/2008 18:25	2.437	0.14
6/21/2008 18:30	2.438	0.14
6/21/2008 18:35	2.437	0.14
6/21/2008 18:40	2.437	0.14
6/21/2008 18:45	2.438	0.14
6/21/2008 18:50	2.438	0.15
6/21/2008 18:55	2.437	0.15
6/21/2008 19:00	2.437	0.15
6/21/2008 19:05	2.438	0.15
6/21/2008 19:10	2.438	0.15
6/21/2008 19:15	2.438	0.15
6/21/2008 19:20	2.438	0.15
6/21/2008 19:25	2.437	0.15
6/21/2008 19:30	2.437	0.15
6/21/2008 19:35	2.438	0.15
6/21/2008 19:40	2.438	0.15
6/21/2008 19:45	2.438	0.15
6/21/2008 19:50	2.438	0.15
6/21/2008 19:55	2.438	0.15
6/21/2008 20:00	2.433	0.15

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/21/2008 20:05	2.433	0.15
6/21/2008 20:10	2.433	0.15
6/21/2008 20:15	2.432	0.15
6/21/2008 20:20	2.432	0.15
6/21/2008 20:25	2.432	0.15
6/21/2008 20:30	2.432	0.15
6/21/2008 20:35	2.432	0.15
6/21/2008 20:40	2.432	0.15
6/21/2008 20:45	2.432	0.31
6/21/2008 20:50	2.432	0.29
6/21/2008 20:55	2.432	0.4
6/21/2008 21:00	2.432	0.25
6/21/2008 21:05	2.432	0.18
6/21/2008 21:10	2.432	0.18
6/21/2008 21:15	2.432	0.18
6/21/2008 21:20	2.432	0.18
6/21/2008 21:25	2.432	0.18
6/21/2008 21:30	2.432	0.18
6/21/2008 21:35	2.431	0.18
6/21/2008 21:40	2.431	0.18
6/21/2008 21:45	2.431	0.18
6/21/2008 21:50	2.431	0.18
6/21/2008 21:55	2.432	0.18
6/21/2008 22:00	2.431	0.18
6/21/2008 22:05	2.431	0.18
6/21/2008 22:10	2.431	0.18
6/21/2008 22:15	2.431	0.18
6/21/2008 22:20	2.431	0.15
6/21/2008 22:25	2.43	0.15
6/21/2008 22:30	2.43	0.15
6/21/2008 22:35	2.43	0.15
6/21/2008 22:40	2.43	0.15
6/21/2008 22:45	2.43	0.15
6/21/2008 22:50	2.43	0.15
6/21/2008 22:55	2.429	0.15
6/21/2008 23:00	2.429	0.15
6/21/2008 23:05	2.429	0.15
6/21/2008 23:10	2.429	0.15
6/21/2008 23:15	2.429	0.15
6/21/2008 23:20	2.429	0.15
6/21/2008 23:25	2.428	0.15
6/21/2008 23:30	2.428	0.15
6/21/2008 23:35	2.428	0.15
6/21/2008 23:40	2.428	0.15

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/21/2008 23:45	2.428	0.15
6/21/2008 23:50	2.428	0.15
6/21/2008 23:55	2.428	0.15
6/22/2008 0:00	2.427	0.15
6/22/2008 0:05	2.427	0.15
6/22/2008 0:10	2.427	0.15
6/22/2008 0:15	2.427	0.15
6/22/2008 0:20	2.427	0.15
6/22/2008 0:25	2.427	0.15
6/22/2008 0:30	2.426	0.57
6/22/2008 0:35	2.426	0.57
6/22/2008 0:40	2.426	0.57
6/22/2008 0:45	2.426	0.57
6/22/2008 0:50	2.425	0.57
6/22/2008 0:55	2.425	0.57
6/22/2008 1:00	2.425	0.57
6/22/2008 1:05	2.425	0.57
6/22/2008 1:10	2.425	0.57
6/22/2008 1:15	2.424	0.57
6/22/2008 1:20	2.424	0.57
6/22/2008 1:25	2.424	0.57
6/22/2008 1:30	2.424	0.57
6/22/2008 1:35	2.424	0.57
6/22/2008 1:40	2.424	0.57
6/22/2008 1:45	2.423	0.57
6/22/2008 1:50	2.424	0.57
6/22/2008 1:55	2.424	0.57
6/22/2008 2:00	2.423	0.57
6/22/2008 2:05	2.423	0.57
6/22/2008 2:10	2.423	0.57
6/22/2008 2:15	2.423	0.57
6/22/2008 2:20	2.423	0.57
6/22/2008 2:25	2.423	0.57
6/22/2008 2:30	2.423	0.57
6/22/2008 2:35	2.423	0.57
6/22/2008 2:40	2.423	0.57
6/22/2008 2:45	2.423	0.57
6/22/2008 2:50	2.422	0.57
6/22/2008 2:55	2.422	0.57
6/22/2008 3:00	2.422	0.57
6/22/2008 3:05	2.423	0.57
6/22/2008 3:10	2.422	0.57
6/22/2008 3:15	2.422	0.57
6/22/2008 3:20	2.423	-0.41

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/22/2008 3:25	2.422	-0.41
6/22/2008 3:30	2.423	-0.41
6/22/2008 3:35	2.423	0.27
6/22/2008 3:40	2.423	0.27
6/22/2008 3:45	2.423	0.27
6/22/2008 3:50	2.423	0.27
6/22/2008 3:55	2.422	0.27
6/22/2008 4:00	2.422	0.27
6/22/2008 4:05	2.422	-0.27
6/22/2008 4:10	2.423	-0.27
6/22/2008 4:15	2.423	-0.27
6/22/2008 4:20	2.423	-0.27
6/22/2008 4:25	2.423	-0.27
6/22/2008 4:30	2.423	-0.27
6/22/2008 4:35	2.424	-0.27
6/22/2008 4:40	2.424	-0.27
6/22/2008 4:45	2.424	-0.27
6/22/2008 4:50	2.423	-0.27
6/22/2008 4:55	2.423	0.82
6/22/2008 5:00	2.423	0.39
6/22/2008 5:05	2.423	0.15
6/22/2008 5:10	2.423	0.15
6/22/2008 5:15	2.423	0.15
6/22/2008 5:20	2.424	0.15
6/22/2008 5:25	2.423	0.28
6/22/2008 5:30	2.423	0.77
6/22/2008 5:35	2.424	0.77
6/22/2008 5:40	2.424	0.77
6/22/2008 5:45	2.424	0.77
6/22/2008 5:50	2.423	0.77
6/22/2008 5:55	2.424	0.77
6/22/2008 6:00	2.424	0.23
6/22/2008 6:05	2.424	0.23
6/22/2008 6:10	2.424	0.23
6/22/2008 6:15	2.424	0.23
6/22/2008 6:20	2.424	0.23
6/22/2008 6:25	2.424	0.23
6/22/2008 6:30	2.425	0.27
6/22/2008 6:35	2.425	0.27
6/22/2008 6:40	2.425	0.27
6/22/2008 6:45	2.425	0.27
6/22/2008 6:50	2.425	0.27
6/22/2008 6:55	2.426	0.27
6/22/2008 7:00	2.427	0.27

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/22/2008 7:05	2.428	0.27
6/22/2008 7:10	2.428	0.27
6/22/2008 7:15	2.428	0.14
6/22/2008 7:20	2.428	0.13
6/22/2008 7:25	2.429	0.13
6/22/2008 7:30	2.429	0.13
6/22/2008 7:35	2.429	0.13
6/22/2008 7:40	2.429	0.13
6/22/2008 7:45	2.429	0.12
6/22/2008 7:50	2.429	0.14
6/22/2008 7:55	2.43	0.14
6/22/2008 8:00	2.43	0.14
6/22/2008 8:05	2.43	0.14
6/22/2008 8:10	2.43	0.14
6/22/2008 8:15	2.431	0.14
6/22/2008 8:20	2.431	0.14
6/22/2008 8:25	2.432	0.14
6/22/2008 8:30	2.432	0.14
6/22/2008 8:35	2.432	0.14
6/22/2008 8:40	2.432	0.14
6/22/2008 8:45	2.432	0.14
6/22/2008 8:50	2.433	0.14
6/22/2008 8:55	2.433	0.14
6/22/2008 9:00	2.433	0.14
6/22/2008 9:05	2.433	0.14
6/22/2008 9:10	2.433	0.14
6/22/2008 9:15	2.433	0.14
6/22/2008 9:20	2.433	0.14
6/22/2008 9:25	2.432	0.14
6/22/2008 9:30	2.434	0.14
6/22/2008 9:35	2.434	0.14
6/22/2008 9:40	2.434	0.14
6/22/2008 9:45	2.435	0.14
6/22/2008 9:50	2.435	0.14
6/22/2008 9:55	2.436	0.14
6/22/2008 10:00	2.436	0.14
6/22/2008 10:05	2.436	0.12
6/22/2008 10:10	2.436	0.12
6/22/2008 10:15	2.436	0.12
6/22/2008 10:20	2.437	0.12
6/22/2008 10:25	2.437	0.12
6/22/2008 10:30	2.437	0.12
6/22/2008 10:35	2.437	0.12
6/22/2008 10:40	2.438	0.12

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/22/2008 10:45	2.437	0.12
6/22/2008 10:50	2.438	0.12
6/22/2008 10:55	2.438	0.12
6/22/2008 11:00	2.438	0.12
6/22/2008 11:05	2.438	0.12
6/22/2008 11:10	2.439	0.12
6/22/2008 11:15	2.439	0.12
6/22/2008 11:20	2.439	0.12
6/22/2008 11:25	2.44	0.12
6/22/2008 11:30	2.439	0.12
6/22/2008 11:35	2.44	0.12
6/22/2008 11:40	2.44	0.12
6/22/2008 11:45	2.441	0.12
6/22/2008 11:50	2.441	0.15
6/22/2008 11:55	2.442	0.15
6/22/2008 12:00	2.442	0.15
6/22/2008 12:05	2.443	0.15
6/22/2008 12:10	2.451	0.15
6/22/2008 12:15	2.627	0.34
6/22/2008 12:20	2.667	0.34
6/22/2008 12:25	2.627	0.34
6/22/2008 12:30	2.584	0.34
6/22/2008 12:35	2.549	0.21
6/22/2008 12:40	2.524	0.21
6/22/2008 12:45	2.506	0.21
6/22/2008 12:50	2.495	0.21
6/22/2008 12:55	2.486	0.21
6/22/2008 13:00	2.479	0.18
6/22/2008 13:05	2.475	0.17
6/22/2008 13:10	2.472	0.17
6/22/2008 13:15	2.471	0.17
6/22/2008 13:20	2.47	0.17
6/22/2008 13:25	2.469	0.17
6/22/2008 13:30	2.47	0.17
6/22/2008 13:35	2.47	0.17
6/22/2008 13:40	2.47	0.17
6/22/2008 13:45	2.471	0.14
6/22/2008 13:50	2.471	0.14
6/22/2008 13:55	2.472	0.14
6/22/2008 14:00	2.472	0.14
6/22/2008 14:05	2.473	0.14
6/22/2008 14:10	2.473	0.14
6/22/2008 14:15	2.475	0.14
6/22/2008 14:20	2.475	0.14

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/22/2008 14:25	2.476	0.14
6/22/2008 14:30	2.476	0.14
6/22/2008 14:35	2.477	0.14
6/22/2008 14:40	2.477	0.14
6/22/2008 14:45	2.478	0.14
6/22/2008 14:50	2.478	0.14
6/22/2008 14:55	2.478	0.14
6/22/2008 15:00	2.479	0.14
6/22/2008 15:05	2.53	0.14
6/22/2008 15:10	2.957	0.49
6/22/2008 15:15	3.26	0.95
6/22/2008 15:20	3.334	1.09
6/22/2008 15:25	3.21	0.97
6/22/2008 15:30	3.079	0.74
6/22/2008 15:35	3.076	0.78
6/22/2008 15:40	3.041	0.72
6/22/2008 15:45	3.009	0.72
6/22/2008 15:50	2.938	0.62
6/22/2008 15:55	2.874	0.51
6/22/2008 16:00	2.816	0.43
6/22/2008 16:05	2.774	0.4
6/22/2008 16:10	2.748	0.4
6/22/2008 16:15	2.743	0.4
6/22/2008 16:20	2.738	0.4
6/22/2008 16:25	2.729	0.4
6/22/2008 16:30	2.722	0.4
6/22/2008 16:35	2.716	0.32
6/22/2008 16:40	2.713	0.32
6/22/2008 16:45	2.711	0.32
6/22/2008 16:50	2.713	0.32
6/22/2008 16:55	2.715	0.38
6/22/2008 17:00	2.719	0.38
6/22/2008 17:05	2.722	0.38
6/22/2008 17:10	2.726	0.38
6/22/2008 17:15	2.729	0.38
6/22/2008 17:20	2.732	0.38
6/22/2008 17:25	2.734	0.38
6/22/2008 17:30	2.737	0.38
6/22/2008 17:35	2.74	0.45
6/22/2008 17:40	2.743	0.42
6/22/2008 17:45	2.745	0.43
6/22/2008 17:50	2.746	0.41
6/22/2008 17:55	2.747	0.44
6/22/2008 18:00	2.748	0.38

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/22/2008 18:05	2.749	0.42
6/22/2008 18:10	2.749	0.37
6/22/2008 18:15	2.751	0.44
6/22/2008 18:20	2.75	0.44
6/22/2008 18:25	2.751	0.45
6/22/2008 18:30	2.751	0.45
6/22/2008 18:35	2.751	0.42
6/22/2008 18:40	2.751	0.42
6/22/2008 18:45	2.751	0.41
6/22/2008 18:50	2.75	0.4
6/22/2008 18:55	2.749	0.44
6/22/2008 19:00	2.748	0.44
6/22/2008 19:05	2.748	0.39
6/22/2008 19:10	2.748	0.42
6/22/2008 19:15	2.747	0.41
6/22/2008 19:20	2.747	0.39
6/22/2008 19:25	2.747	0.43
6/22/2008 19:30	2.746	0.38
6/22/2008 19:35	2.746	0.38
6/22/2008 19:40	2.745	0.38
6/22/2008 19:45	2.744	0.39
6/22/2008 19:50	2.745	0.37
6/22/2008 19:55	2.743	0.41
6/22/2008 20:00	2.744	0.38
6/22/2008 20:05	2.743	0.39
6/22/2008 20:10	2.743	0.4
6/22/2008 20:15	2.743	0.39
6/22/2008 20:20	2.742	0.39
6/22/2008 20:25	2.742	0.39
6/22/2008 20:30	2.742	0.42
6/22/2008 20:35	2.741	0.42
6/22/2008 20:40	2.741	0.39
6/22/2008 20:45	2.741	0.42
6/22/2008 20:50	2.74	0.42
6/22/2008 20:55	2.74	0.42
6/22/2008 21:00	2.74	0.42
6/22/2008 21:05	2.739	0.39
6/22/2008 21:10	2.74	0.36
6/22/2008 21:15	2.739	0.36
6/22/2008 21:20	2.739	0.37
6/22/2008 21:25	2.738	0.38
6/22/2008 21:30	2.738	0.38
6/22/2008 21:35	2.738	0.38
6/22/2008 21:40	2.738	0.38

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/22/2008 21:45	2.737	0.38
6/22/2008 21:50	2.737	0.37
6/22/2008 21:55	2.736	0.37
6/22/2008 22:00	2.736	0.37
6/22/2008 22:05	2.737	0.42
6/22/2008 22:10	2.735	0.42
6/22/2008 22:15	2.735	0.38
6/22/2008 22:20	2.734	0.38
6/22/2008 22:25	2.734	0.36
6/22/2008 22:30	2.734	0.36
6/22/2008 22:35	2.734	0.36
6/22/2008 22:40	2.734	0.35
6/22/2008 22:45	2.733	0.35
6/22/2008 22:50	2.733	0.37
6/22/2008 22:55	2.732	0.37
6/22/2008 23:00	2.732	0.37
6/22/2008 23:05	2.732	0.38
6/22/2008 23:10	2.732	0.38
6/22/2008 23:15	2.732	0.4
6/22/2008 23:20	2.731	0.35
6/22/2008 23:25	2.731	0.39
6/22/2008 23:30	2.73	0.34
6/22/2008 23:35	2.73	0.38
6/22/2008 23:40	2.73	0.38
6/22/2008 23:45	2.73	0.35
6/22/2008 23:50	2.729	0.38
6/22/2008 23:55	2.729	0.38
6/23/2008 0:00	2.729	0.38
6/23/2008 0:05	2.729	0.39
6/23/2008 0:10	2.729	0.38
6/23/2008 0:15	2.728	0.38
6/23/2008 0:20	2.729	0.38
6/23/2008 0:25	2.728	0.32
6/23/2008 0:30	2.728	0.39
6/23/2008 0:35	2.728	0.39
6/23/2008 0:40	2.727	0.39
6/23/2008 0:45	2.727	0.38
6/23/2008 0:50	2.727	0.38
6/23/2008 0:55	2.726	0.36
6/23/2008 1:00	2.725	0.35
6/23/2008 1:05	2.726	0.39
6/23/2008 1:10	2.725	0.37
6/23/2008 1:15	2.726	0.36
6/23/2008 1:20	2.724	0.36

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/23/2008 1:25	2.724	0.35
6/23/2008 1:30	2.724	0.33
6/23/2008 1:35	2.724	0.34
6/23/2008 1:40	2.723	0.36
6/23/2008 1:45	2.723	0.34
6/23/2008 1:50	2.722	0.37
6/23/2008 1:55	2.722	0.34
6/23/2008 2:00	2.722	0.34
6/23/2008 2:05	2.722	0.34
6/23/2008 2:10	2.721	0.32
6/23/2008 2:15	2.721	0.36
6/23/2008 2:20	2.721	0.35
6/23/2008 2:25	2.721	0.35
6/23/2008 2:30	2.72	0.36
6/23/2008 2:35	2.72	1.01
6/23/2008 2:40	2.719	1.01
6/23/2008 2:45	2.72	0.38
6/23/2008 2:50	2.719	0.36
6/23/2008 2:55	2.718	0.36
6/23/2008 3:00	2.718	0.34
6/23/2008 3:05	2.719	0.37
6/23/2008 3:10	2.719	0.35
6/23/2008 3:15	2.718	0.36
6/23/2008 3:20	2.718	0.33
6/23/2008 3:25	2.717	0.33
6/23/2008 3:30	2.717	0.35
6/23/2008 3:35	2.718	0.36
6/23/2008 3:40	2.746	0.38
6/23/2008 3:45	3.189	0.82
6/23/2008 3:50	3.268	1.1
6/23/2008 3:55	3.194	0.92
6/23/2008 4:00	3.123	0.76
6/23/2008 4:05	3.097	0.84
6/23/2008 4:10	3.083	0.84
6/23/2008 4:15	3.037	0.78
6/23/2008 4:20	2.984	0.57
6/23/2008 4:25	2.945	0.54
6/23/2008 4:30	2.915	0.61
6/23/2008 4:35	2.893	0.61
6/23/2008 4:40	2.875	0.52
6/23/2008 4:45	2.864	0.52
6/23/2008 4:50	2.855	0.47
6/23/2008 4:55	2.85	0.46
6/23/2008 5:00	2.847	0.51

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/23/2008 5:05	2.847	0.51
6/23/2008 5:10	2.847	0.51
6/23/2008 5:15	2.848	0.5
6/23/2008 5:20	2.848	0.5
6/23/2008 5:25	2.85	0.51
6/23/2008 5:30	2.851	0.57
6/23/2008 5:35	2.853	0.55
6/23/2008 5:40	2.855	0.55
6/23/2008 5:45	2.855	0.55
6/23/2008 5:50	2.857	0.46
6/23/2008 5:55	2.858	0.5
6/23/2008 6:00	2.858	0.52
6/23/2008 6:05	2.858	0.53
6/23/2008 6:10	2.859	0.52
6/23/2008 6:15	2.86	0.52
6/23/2008 6:20	2.86	0.49
6/23/2008 6:25	2.86	0.53
6/23/2008 6:30	2.86	0.53
6/23/2008 6:35	2.859	0.48
6/23/2008 6:40	2.859	0.51
6/23/2008 6:45	2.858	0.53
6/23/2008 6:50	2.857	0.55
6/23/2008 6:55	2.856	0.5
6/23/2008 7:00	2.856	0.5
6/23/2008 7:05	2.855	0.54
6/23/2008 7:10	2.855	0.55
6/23/2008 7:15	2.854	0.5
6/23/2008 7:20	2.853	0.52
6/23/2008 7:25	2.853	0.5
6/23/2008 7:30	2.851	0.5
6/23/2008 7:35	2.85	0.48
6/23/2008 7:40	2.849	0.47
6/23/2008 7:45	2.848	0.49
6/23/2008 7:50	2.848	0.47
6/23/2008 7:55	2.846	0.53
6/23/2008 8:00	2.845	0.64
6/23/2008 8:05	2.844	0.47
6/23/2008 8:10	2.844	0.47
6/23/2008 8:15	2.843	0.5
6/23/2008 8:20	2.843	0.49
6/23/2008 8:25	2.841	0.47
6/23/2008 8:30	2.841	0.52
6/23/2008 8:35	2.84	0.47
6/23/2008 8:40	2.839	0.48

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/23/2008 8:45	2.837	0.51
6/23/2008 8:50	2.835	0.43
6/23/2008 8:55	2.834	0.48
6/23/2008 9:00	2.831	0.48
6/23/2008 9:05	2.831	0.43
6/23/2008 9:10	2.83	0.5
6/23/2008 9:15	2.828	0.5
6/23/2008 9:20	2.827	0.47
6/23/2008 9:25	2.826	0.48
6/23/2008 9:30	2.824	0.48
6/23/2008 9:35	2.823	0.48
6/23/2008 9:40	2.82	0.5
6/23/2008 9:45	2.819	0.49
6/23/2008 9:50	2.818	0.46
6/23/2008 9:55	2.817	0.45
6/23/2008 10:00	2.816	0.47
6/23/2008 10:05	2.815	0.49
6/23/2008 10:10	2.813	0.44
6/23/2008 10:15	2.812	0.47
6/23/2008 10:20	2.811	0.46
6/23/2008 10:25	2.809	0.46
6/23/2008 10:30	2.807	0.48
6/23/2008 10:35	2.806	0.46
6/23/2008 10:40	2.805	0.45
6/23/2008 10:45	2.805	0.44
6/23/2008 10:50	2.804	0.49
6/23/2008 10:55	2.802	0.47
6/23/2008 11:00	2.801	0.47
6/23/2008 11:05	2.8	0.43
6/23/2008 11:10	2.799	0.48
6/23/2008 11:15	2.798	0.45
6/23/2008 11:20	2.797	-0.84
6/23/2008 11:25	2.797	0.43
6/23/2008 11:30	2.798	0.44
6/23/2008 11:35	2.809	0.51
6/23/2008 11:40	2.893	0.63
6/23/2008 11:45	2.944	0.63
6/23/2008 11:50	2.936	0.69
6/23/2008 11:55	2.909	0.52
6/23/2008 12:00	2.883	0.56
6/23/2008 12:05	2.862	0.53
6/23/2008 12:10	2.846	0.51
6/23/2008 12:15	2.836	0.51
6/23/2008 12:20	2.829	0.49

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/23/2008 12:25	2.823	0.49
6/23/2008 12:30	2.819	-1.01
6/23/2008 12:35	2.816	0.46
6/23/2008 12:40	2.813	0.46
6/23/2008 12:45	2.813	0.44
6/23/2008 12:50	2.81	0.49
6/23/2008 12:55	2.809	0.45
6/23/2008 13:00	2.808	0.45
6/23/2008 13:05	2.807	0.44
6/23/2008 13:10	2.808	0.47
6/23/2008 13:15	2.807	0.46
6/23/2008 13:20	2.806	0.46
6/23/2008 13:25	2.805	0.48
6/23/2008 13:30	2.806	0.44
6/23/2008 13:35	2.805	0.43
6/23/2008 13:40	2.805	0.47
6/23/2008 13:45	2.803	0.45
6/23/2008 13:50	2.802	0.46
6/23/2008 13:55	2.802	0.45
6/23/2008 14:00	2.801	0.44
6/23/2008 14:05	2.801	0.49
6/23/2008 14:10	2.8	0.5
6/23/2008 14:15	2.8	0.47
6/23/2008 14:20	2.798	0.47
6/23/2008 14:25	2.798	0.47
6/23/2008 14:30	2.798	0.48
6/23/2008 14:35	2.797	0.44
6/23/2008 14:40	2.796	0.45
6/23/2008 14:45	2.796	0.42
6/23/2008 14:50	2.795	0.42
6/23/2008 14:55	2.794	0.47
6/23/2008 15:00	2.794	0.45
6/23/2008 15:05	2.793	0.45
6/23/2008 15:10	2.792	0.45
6/23/2008 15:15	2.791	0.45
6/23/2008 15:20	2.79	0.44
6/23/2008 15:25	2.789	0.41
6/23/2008 15:30	2.79	0.45
6/23/2008 15:35	2.789	0.45
6/23/2008 15:40	2.788	0.43
6/23/2008 15:45	2.786	0.43
6/23/2008 15:50	2.786	0.43
6/23/2008 15:55	2.785	0.46
6/23/2008 16:00	2.783	0.47

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/23/2008 16:05	2.783	0.47
6/23/2008 16:10	2.782	0.47
6/23/2008 16:15	2.781	0.4
6/23/2008 16:20	2.779	0.4
6/23/2008 16:25	2.78	0.4
6/23/2008 16:30	2.778	0.43
6/23/2008 16:35	2.777	0.43
6/23/2008 16:40	2.777	0.43
6/23/2008 16:45	2.776	0.43
6/23/2008 16:50	2.774	0.43
6/23/2008 16:55	2.774	0.43
6/23/2008 17:00	2.774	0.47
6/23/2008 17:05	2.773	0.47
6/23/2008 17:10	2.772	0.47
6/23/2008 17:15	2.772	0.48
6/23/2008 17:20	2.775	0.46
6/23/2008 17:25	2.778	0.46
6/23/2008 17:30	2.794	0.46
6/23/2008 17:35	2.812	0.46
6/23/2008 17:40	2.826	0.46
6/23/2008 17:45	2.825	0.49
6/23/2008 17:50	2.817	0.48
6/23/2008 17:55	2.808	0.44
6/23/2008 18:00	2.8	0.4
6/23/2008 18:05	2.794	0.4
6/23/2008 18:10	2.788	0.4
6/23/2008 18:15	2.785	0.4
6/23/2008 18:20	2.783	0.46
6/23/2008 18:25	2.78	0.4
6/23/2008 18:30	2.778	0.47
6/23/2008 18:35	2.777	0.47
6/23/2008 18:40	2.775	0.47
6/23/2008 18:45	2.774	0.47
6/23/2008 18:50	2.773	0.45
6/23/2008 18:55	2.772	0.45
6/23/2008 19:00	2.772	0.45
6/23/2008 19:05	2.772	0.45
6/23/2008 19:10	2.772	0.45
6/23/2008 19:15	2.772	0.45
6/23/2008 19:20	2.77	0.44
6/23/2008 19:25	2.77	0.43
6/23/2008 19:30	2.77	0.43
6/23/2008 19:35	2.77	0.42
6/23/2008 19:40	2.769	0.42

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/23/2008 19:45	2.769	0.42
6/23/2008 19:50	2.768	0.42
6/23/2008 19:55	2.767	0.42
6/23/2008 20:00	2.766	0.42
6/23/2008 20:05	2.766	0.42
6/23/2008 20:10	2.766	0.42
6/23/2008 20:15	2.764	0.42
6/23/2008 20:20	2.764	0.42
6/23/2008 20:25	2.764	0.42
6/23/2008 20:30	2.763	0.42
6/23/2008 20:35	2.762	0.44
6/23/2008 20:40	2.762	0.44
6/23/2008 20:45	2.76	0.42
6/23/2008 20:50	2.76	0.45
6/23/2008 20:55	2.76	0.45
6/23/2008 21:00	2.76	0.45
6/23/2008 21:05	2.759	0.45
6/23/2008 21:10	2.759	0.45
6/23/2008 21:15	2.758	0.45
6/23/2008 21:20	2.757	0.42
6/23/2008 21:25	2.757	0.43
6/23/2008 21:30	2.756	0.43
6/23/2008 21:35	2.755	0.46
6/23/2008 21:40	2.755	0.46
6/23/2008 21:45	2.754	0.46
6/23/2008 21:50	2.753	0.42
6/23/2008 21:55	2.753	0.42
6/23/2008 22:00	2.752	0.4
6/23/2008 22:05	2.752	0.4
6/23/2008 22:10	2.751	0.4
6/23/2008 22:15	2.75	0.43
6/23/2008 22:20	2.749	0.41
6/23/2008 22:25	2.749	0.45
6/23/2008 22:30	2.749	0.46
6/23/2008 22:35	2.748	0.46
6/23/2008 22:40	2.747	0.46
6/23/2008 22:45	2.747	0.42
6/23/2008 22:50	2.746	0.39
6/23/2008 22:55	2.745	0.45
6/23/2008 23:00	2.746	0.45
6/23/2008 23:05	2.745	0.45
6/23/2008 23:10	2.745	0.42
6/23/2008 23:15	2.744	0.43
6/23/2008 23:20	2.744	0.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/23/2008 23:25	2.743	0.43
6/23/2008 23:30	2.743	0.44
6/23/2008 23:35	2.741	0.44
6/23/2008 23:40	2.74	0.44
6/23/2008 23:45	2.74	0.44
6/23/2008 23:50	2.74	0.44
6/23/2008 23:55	2.74	0.41
6/24/2008 0:00	2.739	0.42
6/24/2008 0:05	2.738	0.42
6/24/2008 0:10	2.738	0.43
6/24/2008 0:15	2.737	0.41
6/24/2008 0:20	2.737	0.4
6/24/2008 0:25	2.736	0.43
6/24/2008 0:30	2.737	0.41
6/24/2008 0:35	2.737	0.42
6/24/2008 0:40	2.738	0.39
6/24/2008 0:45	2.739	0.39
6/24/2008 0:50	2.742	0.39
6/24/2008 0:55	2.861	0.56
6/24/2008 1:00	3.001	0.76
6/24/2008 1:05	3.005	0.7
6/24/2008 1:10	2.982	0.69
6/24/2008 1:15	3.038	0.75
6/24/2008 1:20	3.132	0.88
6/24/2008 1:25	3.105	0.89
6/24/2008 1:30	3.064	0.7
6/24/2008 1:35	3.04	0.81
6/24/2008 1:40	3.02	0.73
6/24/2008 1:45	2.991	0.73
6/24/2008 1:50	2.957	0.63
6/24/2008 1:55	2.928	0.61
6/24/2008 2:00	2.907	0.63
6/24/2008 2:05	2.892	0.57
6/24/2008 2:10	2.879	0.52
6/24/2008 2:15	2.871	0.52
6/24/2008 2:20	2.864	0.53
6/24/2008 2:25	2.859	0.49
6/24/2008 2:30	2.857	0.5
6/24/2008 2:35	2.856	0.52
6/24/2008 2:40	2.855	0.48
6/24/2008 2:45	2.856	0.54
6/24/2008 2:50	2.857	0.53
6/24/2008 2:55	2.859	0.53
6/24/2008 3:00	2.859	0.53

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 3:05	2.861	0.58
6/24/2008 3:10	2.861	0.58
6/24/2008 3:15	2.863	0.58
6/24/2008 3:20	2.863	0.52
6/24/2008 3:25	2.863	0.56
6/24/2008 3:30	2.862	0.58
6/24/2008 3:35	2.863	0.58
6/24/2008 3:40	2.862	0.58
6/24/2008 3:45	2.862	0.6
6/24/2008 3:50	2.863	0.55
6/24/2008 3:55	2.863	0.6
6/24/2008 4:00	2.862	0.57
6/24/2008 4:05	2.862	0.54
6/24/2008 4:10	2.862	0.61
6/24/2008 4:15	2.861	0.55
6/24/2008 4:20	2.862	0.56
6/24/2008 4:25	2.86	0.56
6/24/2008 4:30	2.86	0.55
6/24/2008 4:35	2.859	0.53
6/24/2008 4:40	2.859	0.52
6/24/2008 4:45	2.857	0.52
6/24/2008 4:50	2.856	0.57
6/24/2008 4:55	2.857	0.56
6/24/2008 5:00	2.856	0.55
6/24/2008 5:05	2.855	0.51
6/24/2008 5:10	2.854	0.51
6/24/2008 5:15	2.854	0.51
6/24/2008 5:20	2.854	0.58
6/24/2008 5:25	2.854	0.53
6/24/2008 5:30	2.852	0.57
6/24/2008 5:35	2.852	0.57
6/24/2008 5:40	2.851	0.57
6/24/2008 5:45	2.85	0.57
6/24/2008 5:50	2.85	0.57
6/24/2008 5:55	2.849	0.54
6/24/2008 6:00	2.849	0.59
6/24/2008 6:05	2.848	0.56
6/24/2008 6:10	2.847	0.53
6/24/2008 6:15	2.848	0.53
6/24/2008 6:20	2.846	0.53
6/24/2008 6:25	2.845	0.53
6/24/2008 6:30	2.845	0.53
6/24/2008 6:35	2.846	0.53
6/24/2008 6:40	2.845	0.5

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 6:45	2.844	0.5
6/24/2008 6:50	2.843	0.5
6/24/2008 6:55	2.842	0.5
6/24/2008 7:00	2.842	0.5
6/24/2008 7:05	2.841	0.52
6/24/2008 7:10	2.84	0.52
6/24/2008 7:15	2.84	0.51
6/24/2008 7:20	2.839	0.51
6/24/2008 7:25	2.838	0.47
6/24/2008 7:30	2.836	0.47
6/24/2008 7:35	2.836	0.47
6/24/2008 7:40	2.836	0.47
6/24/2008 7:45	2.835	0.53
6/24/2008 7:50	2.834	0.53
6/24/2008 7:55	2.834	0.53
6/24/2008 8:00	2.833	0.53
6/24/2008 8:05	2.833	0.53
6/24/2008 8:10	2.833	0.53
6/24/2008 8:15	2.832	0.53
6/24/2008 8:20	2.832	0.53
6/24/2008 8:25	2.831	0.53
6/24/2008 8:30	2.829	0.58
6/24/2008 8:35	2.828	0.58
6/24/2008 8:40	2.826	0.48
6/24/2008 8:45	2.824	0.52
6/24/2008 8:50	2.823	0.47
6/24/2008 8:55	2.821	0.47
6/24/2008 9:00	2.82	0.49
6/24/2008 9:05	2.818	0.48
6/24/2008 9:10	2.817	0.49
6/24/2008 9:15	2.815	0.52
6/24/2008 9:20	2.812	0.51
6/24/2008 9:25	2.811	0.52
6/24/2008 9:30	2.809	0.46
6/24/2008 9:35	2.807	0.53
6/24/2008 9:40	2.806	0.53
6/24/2008 9:45	2.804	0.45
6/24/2008 9:50	2.803	0.46
6/24/2008 9:55	2.802	0.49
6/24/2008 10:00	2.801	0.52
6/24/2008 10:05	2.8	0.46
6/24/2008 10:10	2.798	0.46
6/24/2008 10:15	2.796	0.49
6/24/2008 10:20	2.796	0.49

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 10:25	2.794	0.52
6/24/2008 10:30	2.792	0.52
6/24/2008 10:35	2.791	0.52
6/24/2008 10:40	2.79	0.52
6/24/2008 10:45	2.788	0.52
6/24/2008 10:50	2.787	0.43
6/24/2008 10:55	2.786	0.45
6/24/2008 11:00	2.785	0.45
6/24/2008 11:05	2.782	0.45
6/24/2008 11:10	2.782	0.46
6/24/2008 11:15	2.78	0.46
6/24/2008 11:20	2.779	0.46
6/24/2008 11:25	2.778	0.45
6/24/2008 11:30	2.776	0.49
6/24/2008 11:35	2.774	0.49
6/24/2008 11:40	2.773	0.46
6/24/2008 11:45	2.771	0.46
6/24/2008 11:50	2.771	0.46
6/24/2008 11:55	2.769	0.45
6/24/2008 12:00	2.767	0.45
6/24/2008 12:05	2.767	0.45
6/24/2008 12:10	2.764	0.47
6/24/2008 12:15	2.764	0.47
6/24/2008 12:20	2.762	0.47
6/24/2008 12:25	2.761	0.47
6/24/2008 12:30	2.761	0.42
6/24/2008 12:35	2.76	0.42
6/24/2008 12:40	2.757	0.44
6/24/2008 12:45	2.757	0.44
6/24/2008 12:50	2.756	0.44
6/24/2008 12:55	2.755	0.44
6/24/2008 13:00	2.752	0.44
6/24/2008 13:05	2.751	0.44
6/24/2008 13:10	2.751	0.4
6/24/2008 13:15	2.749	0.4
6/24/2008 13:20	2.748	0.4
6/24/2008 13:25	2.749	0.4
6/24/2008 13:30	2.747	0.4
6/24/2008 13:35	2.746	0.4
6/24/2008 13:40	2.743	0.4
6/24/2008 13:45	2.743	0.43
6/24/2008 13:50	2.74	0.41
6/24/2008 13:55	2.737	0.41
6/24/2008 14:00	2.736	0.41

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 14:05	2.734	0.41
6/24/2008 14:10	2.734	0.41
6/24/2008 14:15	2.731	0.41
6/24/2008 14:20	2.729	0.41
6/24/2008 14:25	2.728	0.37
6/24/2008 14:30	2.726	0.42
6/24/2008 14:35	2.724	0.42
6/24/2008 14:40	2.724	0.42
6/24/2008 14:45	2.723	0.39
6/24/2008 14:50	2.722	0.38
6/24/2008 14:55	2.721	0.42
6/24/2008 15:00	2.72	0.42
6/24/2008 15:05	2.719	0.38
6/24/2008 15:10	2.719	0.38
6/24/2008 15:15	2.719	0.42
6/24/2008 15:20	2.718	0.42
6/24/2008 15:25	2.718	0.42
6/24/2008 15:30	2.716	0.42
6/24/2008 15:35	2.715	0.42
6/24/2008 15:40	2.714	0.42
6/24/2008 15:45	2.713	0.4
6/24/2008 15:50	2.712	0.4
6/24/2008 15:55	2.713	0.43
6/24/2008 16:00	2.714	0.43
6/24/2008 16:05	2.715	0.39
6/24/2008 16:10	2.716	0.42
6/24/2008 16:15	2.715	0.4
6/24/2008 16:20	2.715	0.43
6/24/2008 16:25	2.713	0.43
6/24/2008 16:30	2.711	0.43
6/24/2008 16:35	2.709	0.43
6/24/2008 16:40	2.708	0.43
6/24/2008 16:45	2.706	0.43
6/24/2008 16:50	2.706	0.43
6/24/2008 16:55	2.705	0.43
6/24/2008 17:00	2.704	0.43
6/24/2008 17:05	2.703	0.43
6/24/2008 17:10	2.702	0.43
6/24/2008 17:15	2.702	0.43
6/24/2008 17:20	2.702	0.43
6/24/2008 17:25	2.701	0.43
6/24/2008 17:30	2.7	0.43
6/24/2008 17:35	2.699	0.43
6/24/2008 17:40	2.699	0.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 17:45	2.698	0.43
6/24/2008 17:50	2.697	0.43
6/24/2008 17:55	2.696	0.43
6/24/2008 18:00	2.696	0.43
6/24/2008 18:05	2.695	0.43
6/24/2008 18:10	2.695	0.42
6/24/2008 18:15	2.694	0.42
6/24/2008 18:20	2.692	0.41
6/24/2008 18:25	2.692	0.41
6/24/2008 18:30	2.691	0.41
6/24/2008 18:35	2.69	0.41
6/24/2008 18:40	2.689	0.41
6/24/2008 18:45	2.689	0.41
6/24/2008 18:50	2.689	0.41
6/24/2008 18:55	2.688	0.41
6/24/2008 19:00	2.687	0.41
6/24/2008 19:05	2.686	0.41
6/24/2008 19:10	2.686	0.41
6/24/2008 19:15	2.685	0.41
6/24/2008 19:20	2.685	0.41
6/24/2008 19:25	2.683	0.41
6/24/2008 19:30	2.683	0.41
6/24/2008 19:35	2.682	0.42
6/24/2008 19:40	2.682	0.37
6/24/2008 19:45	2.681	0.37
6/24/2008 19:50	2.681	0.37
6/24/2008 19:55	2.679	0.37
6/24/2008 20:00	2.678	0.37
6/24/2008 20:05	2.677	0.37
6/24/2008 20:10	2.677	0.37
6/24/2008 20:15	2.676	0.37
6/24/2008 20:20	2.675	0.39
6/24/2008 20:25	2.675	0.39
6/24/2008 20:30	2.675	0.39
6/24/2008 20:35	2.673	0.39
6/24/2008 20:40	2.673	0.39
6/24/2008 20:45	2.672	0.39
6/24/2008 20:50	2.671	0.39
6/24/2008 20:55	2.67	0.39
6/24/2008 21:00	2.67	0.39
6/24/2008 21:05	2.669	0.39
6/24/2008 21:10	2.668	0.39
6/24/2008 21:15	2.668	0.39
6/24/2008 21:20	2.667	0.35

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 21:25	2.666	0.36
6/24/2008 21:30	2.666	0.36
6/24/2008 21:35	2.665	0.37
6/24/2008 21:40	2.664	0.38
6/24/2008 21:45	2.664	0.38
6/24/2008 21:50	2.664	0.36
6/24/2008 21:55	2.662	0.36
6/24/2008 22:00	2.662	0.36
6/24/2008 22:05	2.662	0.36
6/24/2008 22:10	2.66	0.36
6/24/2008 22:15	2.66	0.36
6/24/2008 22:20	2.659	0.37
6/24/2008 22:25	2.659	0.37
6/24/2008 22:30	2.658	0.37
6/24/2008 22:35	2.658	0.38
6/24/2008 22:40	2.658	0.61
6/24/2008 22:45	2.657	0.33
6/24/2008 22:50	2.656	0.33
6/24/2008 22:55	2.656	0.33
6/24/2008 23:00	2.656	0.33
6/24/2008 23:05	2.656	0.83
6/24/2008 23:10	2.655	0.83
6/24/2008 23:15	2.654	0.83
6/24/2008 23:20	2.653	0.37
6/24/2008 23:25	2.653	0.35
6/24/2008 23:30	2.652	0.35
6/24/2008 23:35	2.652	0.35
6/24/2008 23:40	2.652	0.43
6/24/2008 23:45	2.65	0.43
6/24/2008 23:50	2.65	0.43
6/24/2008 23:55	2.649	0.35
6/25/2008 0:00	2.649	0.35
6/25/2008 0:05	2.648	0.34
6/25/2008 0:10	2.647	0.34
6/25/2008 0:15	2.646	0.34
6/25/2008 0:20	2.646	0.38
6/25/2008 0:25	2.645	0.38
6/25/2008 0:30	2.644	0.38
6/25/2008 0:35	2.645	0.38
6/25/2008 0:40	2.644	0.38
6/25/2008 0:45	2.643	0.38
6/25/2008 0:50	2.643	0.36
6/25/2008 0:55	2.643	0.36
6/25/2008 1:00	2.643	0.36

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 1:05	2.642	0.35
6/25/2008 1:10	2.642	0.35
6/25/2008 1:15	2.641	0.34
6/25/2008 1:20	2.641	0.34
6/25/2008 1:25	2.64	0.34
6/25/2008 1:30	2.64	0.36
6/25/2008 1:35	2.639	0.3
6/25/2008 1:40	2.639	0.3
6/25/2008 1:45	2.639	0.31
6/25/2008 1:50	2.638	0.31
6/25/2008 1:55	2.638	0.31
6/25/2008 2:00	2.639	0.35
6/25/2008 2:05	2.638	0.35
6/25/2008 2:10	2.638	0.36
6/25/2008 2:15	2.638	0.36
6/25/2008 2:20	2.637	0.36
6/25/2008 2:25	2.637	0.36
6/25/2008 2:30	2.637	0.36
6/25/2008 2:35	2.636	0.36
6/25/2008 2:40	2.637	0.36
6/25/2008 2:45	2.636	0.36
6/25/2008 2:50	2.636	0.36
6/25/2008 2:55	2.635	0.36
6/25/2008 3:00	2.636	0.36
6/25/2008 3:05	2.635	0.36
6/25/2008 3:10	2.635	0.38
6/25/2008 3:15	2.635	0.38
6/25/2008 3:20	2.634	0.38
6/25/2008 3:25	2.634	0.38
6/25/2008 3:30	2.634	0.38
6/25/2008 3:35	2.633	0.38
6/25/2008 3:40	2.633	0.36
6/25/2008 3:45	2.633	0.36
6/25/2008 3:50	2.633	0.36
6/25/2008 3:55	2.633	0.33
6/25/2008 4:00	2.633	0.33
6/25/2008 4:05	2.633	0.33
6/25/2008 4:10	2.632	0.33
6/25/2008 4:15	2.632	0.33
6/25/2008 4:20	2.631	0.33
6/25/2008 4:25	2.632	0.33
6/25/2008 4:30	2.632	0.33
6/25/2008 4:35	2.631	0.33
6/25/2008 4:40	2.631	0.31

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 4:45	2.631	0.31
6/25/2008 4:50	2.632	0.31
6/25/2008 4:55	2.631	0.31
6/25/2008 5:00	2.63	0.31
6/25/2008 5:05	2.631	0.32
6/25/2008 5:10	2.63	0.33
6/25/2008 5:15	2.631	0.33
6/25/2008 5:20	2.63	0.33
6/25/2008 5:25	2.63	0.3
6/25/2008 5:30	2.629	0.31
6/25/2008 5:35	2.63	0.31
6/25/2008 5:40	2.63	0.31
6/25/2008 5:45	2.629	0.31
6/25/2008 5:50	2.63	0.31
6/25/2008 5:55	2.629	0.31
6/25/2008 6:00	2.63	0.31
6/25/2008 6:05	2.629	0.31
6/25/2008 6:10	2.629	0.31
6/25/2008 6:15	2.629	0.31
6/25/2008 6:20	2.629	0.31
6/25/2008 6:25	2.629	0.3
6/25/2008 6:30	2.628	0.32
6/25/2008 6:35	2.629	0.32
6/25/2008 6:40	2.629	0.32
6/25/2008 6:45	2.629	0.32
6/25/2008 6:50	2.628	0.32
6/25/2008 6:55	2.629	0.32
6/25/2008 7:00	2.629	0.32
6/25/2008 7:05	2.629	0.32
6/25/2008 7:10	2.629	0.32
6/25/2008 7:15	2.629	0.32
6/25/2008 7:20	2.629	0.32
6/25/2008 7:25	2.629	0.3
6/25/2008 7:30	2.629	0.3
6/25/2008 7:35	2.629	0.34
6/25/2008 7:40	2.629	0.31
6/25/2008 7:45	2.629	0.31
6/25/2008 7:50	2.629	0.31
6/25/2008 7:55	2.629	0.31
6/25/2008 8:00	2.629	0.31
6/25/2008 8:05	2.63	0.34
6/25/2008 8:10	2.628	0.29
6/25/2008 8:15	2.627	0.29
6/25/2008 8:20	2.626	0.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 8:25	2.627	0.29
6/25/2008 8:30	2.627	0.29
6/25/2008 8:35	2.627	0.31
6/25/2008 8:40	2.627	0.31
6/25/2008 8:45	2.627	0.34
6/25/2008 8:50	2.627	0.34
6/25/2008 8:55	2.627	0.31
6/25/2008 9:00	2.627	0.29
6/25/2008 9:05	2.627	0.31
6/25/2008 9:10	2.626	0.31
6/25/2008 9:15	2.626	0.34
6/25/2008 9:20	2.626	0.34
6/25/2008 9:25	2.624	0.32
6/25/2008 9:30	2.625	0.32
6/25/2008 9:35	2.625	0.32
6/25/2008 9:40	2.625	0.29
6/25/2008 9:45	2.624	0.32
6/25/2008 9:50	2.615	0.32
6/25/2008 9:55	2.616	0.3
6/25/2008 10:00	2.616	0.29
6/25/2008 10:05	2.614	0.29
6/25/2008 10:10	2.611	0.28
6/25/2008 10:15	2.612	0.3
6/25/2008 10:20	2.611	0.3
6/25/2008 10:25	2.61	0.3
6/25/2008 10:30	2.609	0.3
6/25/2008 10:35	2.608	0.3
6/25/2008 10:40	2.604	0.31
6/25/2008 10:45	2.601	0.31
6/25/2008 10:50	2.602	0.31
6/25/2008 10:55	2.602	0.31
6/25/2008 11:00	2.602	0.31
6/25/2008 11:05	2.601	0.31
6/25/2008 11:10	2.599	0.31
6/25/2008 11:15	2.6	0.31
6/25/2008 11:20	2.602	0.31
6/25/2008 11:25	2.6	0.28
6/25/2008 11:30	2.599	0.28
6/25/2008 11:35	2.6	-0.58
6/25/2008 11:40	2.6	0.25
6/25/2008 11:45	2.599	0.29
6/25/2008 11:50	2.599	0.27
6/25/2008 11:55	2.597	0.27
6/25/2008 12:00	2.597	0.27

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 12:05	2.596	0.27
6/25/2008 12:10	2.596	0.27
6/25/2008 12:15	2.598	0.27
6/25/2008 12:20	2.595	0.27
6/25/2008 12:25	2.595	0.27
6/25/2008 12:30	2.596	0.27
6/25/2008 12:35	2.596	0.26
6/25/2008 12:40	2.595	0.26
6/25/2008 12:45	2.594	0.26
6/25/2008 12:50	2.594	0.23
6/25/2008 12:55	2.594	0.26
6/25/2008 13:00	2.595	0.26
6/25/2008 13:05	2.594	0.26
6/25/2008 13:10	2.576	0.26
6/25/2008 13:15	2.576	0.26
6/25/2008 13:20	2.577	0.26
6/25/2008 13:25	2.575	0.26
6/25/2008 13:30	2.574	0.26
6/25/2008 13:35	2.572	0.26
6/25/2008 13:40	2.573	0.26
6/25/2008 13:45	2.571	0.23
6/25/2008 13:50	2.572	0.25
6/25/2008 13:55	2.571	0.25
6/25/2008 14:00	2.57	0.24
6/25/2008 14:05	2.57	0.24
6/25/2008 14:10	2.57	0.23
6/25/2008 14:15	2.568	0.26
6/25/2008 14:20	2.567	0.25
6/25/2008 14:25	2.569	0.25
6/25/2008 14:30	2.566	0.23
6/25/2008 14:35	2.565	0.27
6/25/2008 14:40	2.564	0.27
6/25/2008 14:45	2.563	0.24
6/25/2008 14:50	2.564	0.25
6/25/2008 14:55	2.562	0.25
6/25/2008 15:00	2.561	0.29
6/25/2008 15:05	2.561	0.24
6/25/2008 15:10	2.561	0.24
6/25/2008 15:15	2.56	0.23
6/25/2008 15:20	2.559	0.25
6/25/2008 15:25	2.56	0.27
6/25/2008 15:30	2.559	0.53
6/25/2008 15:35	2.557	0.24
6/25/2008 15:40	2.556	0.27

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 15:45	2.556	0.27
6/25/2008 15:50	2.557	0.27
6/25/2008 15:55	2.556	0.27
6/25/2008 16:00	2.555	0.27
6/25/2008 16:05	2.554	0.25
6/25/2008 16:10	2.553	0.25
6/25/2008 16:15	2.553	0.23
6/25/2008 16:20	2.551	0.26
6/25/2008 16:25	2.55	0.24
6/25/2008 16:30	2.55	0.25
6/25/2008 16:35	2.549	0.25
6/25/2008 16:40	2.548	0.25
6/25/2008 16:45	2.546	0.25
6/25/2008 16:50	2.547	0.25
6/25/2008 16:55	2.546	0.25
6/25/2008 17:00	2.547	0.25
6/25/2008 17:05	2.545	0.25
6/25/2008 17:10	2.545	0.25
6/25/2008 17:15	2.545	0.25
6/25/2008 17:20	2.544	0.25
6/25/2008 17:25	2.543	0.26
6/25/2008 17:30	2.543	0.24
6/25/2008 17:35	2.543	0.25
6/25/2008 17:40	2.543	0.25
6/25/2008 17:45	2.543	0.26
6/25/2008 17:50	2.542	0.26
6/25/2008 17:55	2.542	0.28
6/25/2008 18:00	2.542	0.41
6/25/2008 18:05	2.542	0.28
6/25/2008 18:10	2.542	0.28
6/25/2008 18:15	2.54	0.28
6/25/2008 18:20	2.541	0.28
6/25/2008 18:25	2.539	0.28
6/25/2008 18:30	2.539	0.28
6/25/2008 18:35	2.539	0.28
6/25/2008 18:40	2.539	0.22
6/25/2008 18:45	2.539	0.22
6/25/2008 18:50	2.539	0.39
6/25/2008 18:55	2.54	0.39
6/25/2008 19:00	2.539	0.26
6/25/2008 19:05	2.539	0.26
6/25/2008 19:10	2.538	0.23
6/25/2008 19:15	2.538	0.23
6/25/2008 19:20	2.538	0.23

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 19:25	2.538	0.23
6/25/2008 19:30	2.538	0.23
6/25/2008 19:35	2.538	0.23
6/25/2008 19:40	2.538	0.23
6/25/2008 19:45	2.538	12.31
6/25/2008 19:50	2.538	12.31
6/25/2008 19:55	2.538	12.31
6/25/2008 20:00	2.538	12.31
6/25/2008 20:05	2.538	11.8
6/25/2008 20:10	2.538	11.8
6/25/2008 20:15	2.538	11.8
6/25/2008 20:20	2.537	11.8
6/25/2008 20:25	2.538	11.8
6/25/2008 20:30	2.538	11.8
6/25/2008 20:35	2.538	11.8
6/25/2008 20:40	2.538	11.8
6/25/2008 20:45	2.538	11.8
6/25/2008 20:50	2.538	11.8
6/25/2008 20:55	2.538	11.8
6/25/2008 21:00	2.538	11.8
6/25/2008 21:05	2.538	11.8
6/25/2008 21:10	2.538	0.25
6/25/2008 21:15	2.538	0.25
6/25/2008 21:20	2.538	0.25
6/25/2008 21:25	2.537	0.25
6/25/2008 21:30	2.538	0.25
6/25/2008 21:35	2.537	0.25
6/25/2008 21:40	2.537	0.25
6/25/2008 21:45	2.537	0.24
6/25/2008 21:50	2.537	0.24
6/25/2008 21:55	2.537	0.25
6/25/2008 22:00	2.536	0.24
6/25/2008 22:05	2.536	0.24
6/25/2008 22:10	2.536	0.23
6/25/2008 22:15	2.536	0.23
6/25/2008 22:20	2.536	0.23
6/25/2008 22:25	2.536	0.23
6/25/2008 22:30	2.535	0.23
6/25/2008 22:35	2.535	0.23
6/25/2008 22:40	2.535	0.23
6/25/2008 22:45	2.535	0.23
6/25/2008 22:50	2.535	0.23
6/25/2008 22:55	2.535	0.26
6/25/2008 23:00	2.534	0.26

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 23:05	2.534	0.26
6/25/2008 23:10	2.534	0.26
6/25/2008 23:15	2.534	0.26
6/25/2008 23:20	2.534	0.26
6/25/2008 23:25	2.534	0.26
6/25/2008 23:30	2.533	0.26
6/25/2008 23:35	2.533	0.26
6/25/2008 23:40	2.533	0.26
6/25/2008 23:45	2.532	0.26
6/25/2008 23:50	2.532	0.26
6/25/2008 23:55	2.532	0.26
6/26/2008 0:00	2.531	0.25
6/26/2008 0:05	2.531	0.25
6/26/2008 0:10	2.532	0.25
6/26/2008 0:15	2.531	0.25
6/26/2008 0:20	2.531	0.25
6/26/2008 0:25	2.531	0.25
6/26/2008 0:30	2.53	0.25
6/26/2008 0:35	2.53	0.25
6/26/2008 0:40	2.53	0.25
6/26/2008 0:45	2.53	0.25
6/26/2008 0:50	2.529	0.25
6/26/2008 0:55	2.53	0.25
6/26/2008 1:00	2.529	0.25
6/26/2008 1:05	2.53	0.25
6/26/2008 1:10	2.53	0.25
6/26/2008 1:15	2.529	0.24
6/26/2008 1:20	2.529	0.24
6/26/2008 1:25	2.529	0.24
6/26/2008 1:30	2.529	0.24
6/26/2008 1:35	2.528	0.24
6/26/2008 1:40	2.529	0.24
6/26/2008 1:45	2.528	0.24
6/26/2008 1:50	2.528	0.24
6/26/2008 1:55	2.528	0.24
6/26/2008 2:00	2.529	0.24
6/26/2008 2:05	2.528	0.24
6/26/2008 2:10	2.528	0.24
6/26/2008 2:15	2.528	0.24
6/26/2008 2:20	2.528	0.24
6/26/2008 2:25	2.528	0.24
6/26/2008 2:30	2.527	0.24
6/26/2008 2:35	2.528	0.24
6/26/2008 2:40	2.528	0.24

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 2:45	2.528	0.24
6/26/2008 2:50	2.528	0.24
6/26/2008 2:55	2.528	0.24
6/26/2008 3:00	2.527	0.24
6/26/2008 3:05	2.529	0.24
6/26/2008 3:10	2.529	0.24
6/26/2008 3:15	2.528	0.24
6/26/2008 3:20	2.529	0.24
6/26/2008 3:25	2.529	0.24
6/26/2008 3:30	2.529	0.24
6/26/2008 3:35	2.529	0.24
6/26/2008 3:40	2.529	0.24
6/26/2008 3:45	2.529	0.24
6/26/2008 3:50	2.529	0.24
6/26/2008 3:55	2.529	0.24
6/26/2008 4:00	2.529	0.24
6/26/2008 4:05	2.529	0.24
6/26/2008 4:10	2.529	0.24
6/26/2008 4:15	2.529	0.24
6/26/2008 4:20	2.529	0.24
6/26/2008 4:25	2.53	0.24
6/26/2008 4:30	2.529	0.24
6/26/2008 4:35	2.53	0.24
6/26/2008 4:40	2.53	0.24
6/26/2008 4:45	2.53	0.24
6/26/2008 4:50	2.53	0.24
6/26/2008 4:55	2.53	0.24
6/26/2008 5:00	2.53	0.24
6/26/2008 5:05	2.531	0.24
6/26/2008 5:10	2.53	0.24
6/26/2008 5:15	2.53	0.24
6/26/2008 5:20	2.53	0.24
6/26/2008 5:25	2.531	0.24
6/26/2008 5:30	2.531	0.24
6/26/2008 5:35	2.531	0.24
6/26/2008 5:40	2.531	0.24
6/26/2008 5:45	2.531	0.24
6/26/2008 5:50	2.532	0.24
6/26/2008 5:55	2.532	0.24
6/26/2008 6:00	2.532	0.24
6/26/2008 6:05	2.533	0.24
6/26/2008 6:10	2.533	0.24
6/26/2008 6:15	2.533	0.24
6/26/2008 6:20	2.533	0.24

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 6:25	2.533	0.24
6/26/2008 6:30	2.534	0.24
6/26/2008 6:35	2.534	0.24
6/26/2008 6:40	2.534	0.24
6/26/2008 6:45	2.534	0.24
6/26/2008 6:50	2.534	0.24
6/26/2008 6:55	2.535	0.24
6/26/2008 7:00	2.535	0.24
6/26/2008 7:05	2.535	0.24
6/26/2008 7:10	2.536	0.24
6/26/2008 7:15	2.536	0.24
6/26/2008 7:20	2.536	0.24
6/26/2008 7:25	2.537	0.24
6/26/2008 7:30	2.537	0.24
6/26/2008 7:35	2.537	0.24
6/26/2008 7:40	2.538	0.24
6/26/2008 7:45	2.538	0.24
6/26/2008 7:50	2.538	0.24
6/26/2008 7:55	2.538	0.24
6/26/2008 8:00	2.539	0.24
6/26/2008 8:05	2.539	0.24
6/26/2008 8:10	2.539	0.24
6/26/2008 8:15	2.54	0.24
6/26/2008 8:20	2.54	0.24
6/26/2008 8:25	2.54	0.24
6/26/2008 8:30	2.541	0.24
6/26/2008 8:35	2.541	0.24
6/26/2008 8:40	2.541	0.24
6/26/2008 8:45	2.542	0.24
6/26/2008 8:50	2.542	0.24
6/26/2008 8:55	2.542	0.24
6/26/2008 9:00	2.543	0.24
6/26/2008 9:05	2.543	0.24
6/26/2008 9:10	2.543	0.24
6/26/2008 9:15	2.544	0.24
6/26/2008 9:20	2.544	0.24
6/26/2008 9:25	2.544	0.24
6/26/2008 9:30	2.545	0.24
6/26/2008 9:35	2.545	0.24
6/26/2008 9:40	2.545	0.24
6/26/2008 9:45	2.547	0.24
6/26/2008 9:50	2.547	0.24
6/26/2008 9:55	2.547	0.24
6/26/2008 10:00	2.547	0.24

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 10:05	2.547	0.24
6/26/2008 10:10	2.548	0.24
6/26/2008 10:15	2.548	0.24
6/26/2008 10:20	2.548	0.24
6/26/2008 10:25	2.549	0.24
6/26/2008 10:30	2.548	0.24
6/26/2008 10:35	2.549	0.21
6/26/2008 10:40	2.549	0.21
6/26/2008 10:45	2.549	0.21
6/26/2008 10:50	2.549	0.21
6/26/2008 10:55	2.55	0.21
6/26/2008 11:00	2.549	0.21
6/26/2008 11:05	2.549	0.21
6/26/2008 11:10	2.55	0.21
6/26/2008 11:15	2.551	0.21
6/26/2008 11:20	2.551	0.23
6/26/2008 11:25	2.551	0.23
6/26/2008 11:30	2.552	0.21
6/26/2008 11:35	2.552	0.21
6/26/2008 11:40	2.553	0.2
6/26/2008 11:45	2.552	0.2
6/26/2008 11:50	2.553	0.2
6/26/2008 11:55	2.553	0.2
6/26/2008 12:00	2.553	0.2
6/26/2008 12:05	2.553	0.2
6/26/2008 12:10	2.553	0.2
6/26/2008 12:15	2.554	0.2
6/26/2008 12:20	2.554	0.2
6/26/2008 12:25	2.555	0.2
6/26/2008 12:30	2.555	0.2
6/26/2008 12:35	2.555	0.2
6/26/2008 12:40	2.555	0.2
6/26/2008 12:45	2.556	0.2
6/26/2008 12:50	2.556	0.2
6/26/2008 12:55	2.556	0.2
6/26/2008 13:00	2.557	0.2
6/26/2008 13:05	2.555	0.2
6/26/2008 13:10	2.556	0.2
6/26/2008 13:15	2.556	0.2
6/26/2008 13:20	2.557	0.22
6/26/2008 13:25	2.556	0.22
6/26/2008 13:30	2.556	0.22
6/26/2008 13:35	2.556	0.22
6/26/2008 13:40	2.557	0.22

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 13:45	2.557	0.22
6/26/2008 13:50	2.558	0.22
6/26/2008 13:55	2.558	0.22
6/26/2008 14:00	2.558	0.19
6/26/2008 14:05	2.558	0.19
6/26/2008 14:10	2.558	0.19
6/26/2008 14:15	2.559	0.19
6/26/2008 14:20	2.559	0.19
6/26/2008 14:25	2.559	0.19
6/26/2008 14:30	2.56	0.19
6/26/2008 14:35	2.56	0.19
6/26/2008 14:40	2.56	0.19
6/26/2008 14:45	2.561	0.22
6/26/2008 14:50	2.56	0.22
6/26/2008 14:55	2.561	0.2
6/26/2008 15:00	2.561	0.2
6/26/2008 15:05	2.561	0.2
6/26/2008 15:10	2.561	0.2
6/26/2008 15:15	2.561	0.2
6/26/2008 15:20	2.562	0.2
6/26/2008 15:25	2.562	0.21
6/26/2008 15:30	2.562	0.22
6/26/2008 15:35	2.562	0.22
6/26/2008 15:40	2.563	0.22
6/26/2008 15:45	2.563	0.22
6/26/2008 15:50	2.563	9.1
6/26/2008 15:55	2.562	9.1
6/26/2008 16:00	2.563	9.1
6/26/2008 16:05	2.563	9.1
6/26/2008 16:10	2.563	9.1
6/26/2008 16:15	2.554	9.1
6/26/2008 16:20	2.551	9.1
6/26/2008 16:25	2.551	9.1
6/26/2008 16:30	2.552	9.1
6/26/2008 16:35	2.552	9.1
6/26/2008 16:40	2.552	9.1
6/26/2008 16:45	2.553	9.1
6/26/2008 16:50	2.553	9.1
6/26/2008 16:55	2.553	9.1
6/26/2008 17:00	2.553	9.1
6/26/2008 17:05	2.553	9.1
6/26/2008 17:10	2.551	9.1
6/26/2008 17:15	2.552	9.1
6/26/2008 17:20	2.552	9.1

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 17:25	2.552	9.1
6/26/2008 17:30	2.552	9.1
6/26/2008 17:35	2.552	9.1
6/26/2008 17:40	2.553	9.1
6/26/2008 17:45	2.553	9.1
6/26/2008 17:50	2.553	9.1
6/26/2008 17:55	2.554	9.1
6/26/2008 18:00	2.554	9.1
6/26/2008 18:05	2.553	9.1
6/26/2008 18:10	2.553	9.1
6/26/2008 18:15	2.554	9.1
6/26/2008 18:20	2.555	9.1
6/26/2008 18:25	2.554	9.1
6/26/2008 18:30	2.554	9.1
6/26/2008 18:35	2.555	9.1
6/26/2008 18:40	2.554	9.1
6/26/2008 18:45	2.555	9.1
6/26/2008 18:50	2.555	9.1
6/26/2008 18:55	2.556	0.41
6/26/2008 19:00	2.555	0.41
6/26/2008 19:05	2.556	0.41
6/26/2008 19:10	2.556	0.41
6/26/2008 19:15	2.556	0.41
6/26/2008 19:20	2.557	0.41
6/26/2008 19:25	2.556	0.2
6/26/2008 19:30	2.557	0.23
6/26/2008 19:35	2.557	0.23
6/26/2008 19:40	2.557	0.23
6/26/2008 19:45	2.558	0.23
6/26/2008 19:50	2.557	0.53
6/26/2008 19:55	2.557	0.53
6/26/2008 20:00	2.558	0.41
6/26/2008 20:05	2.559	0.41
6/26/2008 20:10	2.559	0.23
6/26/2008 20:15	2.558	0.23
6/26/2008 20:20	2.559	0.23
6/26/2008 20:25	2.559	0.23
6/26/2008 20:30	2.559	0.23
6/26/2008 20:35	2.559	0.23
6/26/2008 20:40	2.559	0.23
6/26/2008 20:45	2.559	0.23
6/26/2008 20:50	2.56	0.23
6/26/2008 20:55	2.56	0.23
6/26/2008 21:00	2.56	0.23

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 21:05	2.56	0.23
6/26/2008 21:10	2.561	0.23
6/26/2008 21:15	2.561	0.23
6/26/2008 21:20	2.561	0.23
6/26/2008 21:25	2.561	0.23
6/26/2008 21:30	2.561	0.21
6/26/2008 21:35	2.561	0.21
6/26/2008 21:40	2.562	0.21
6/26/2008 21:45	2.562	0.21
6/26/2008 21:50	2.562	0.21
6/26/2008 21:55	2.562	0.21
6/26/2008 22:00	2.563	0.21
6/26/2008 22:05	2.562	0.21
6/26/2008 22:10	2.563	0.21
6/26/2008 22:15	2.563	0.21
6/26/2008 22:20	2.563	0.21
6/26/2008 22:25	2.564	0.21
6/26/2008 22:30	2.564	0.21
6/26/2008 22:35	2.564	0.21
6/26/2008 22:40	2.564	0.21
6/26/2008 22:45	2.564	0.21
6/26/2008 22:50	2.564	0.21
6/26/2008 22:55	2.565	0.21
6/26/2008 23:00	2.565	0.21
6/26/2008 23:05	2.565	0.21
6/26/2008 23:10	2.565	0.21
6/26/2008 23:15	2.565	0.21
6/26/2008 23:20	2.565	0.21
6/26/2008 23:25	2.565	0.21
6/26/2008 23:30	2.565	0.21
6/26/2008 23:35	2.565	0.21
6/26/2008 23:40	2.565	0.21
6/26/2008 23:45	2.565	0.21
6/26/2008 23:50	2.565	0.21
6/26/2008 23:55	2.566	0.21
6/27/2008 0:00	2.566	0.21
6/27/2008 0:05	2.566	0.21
6/27/2008 0:10	2.566	0.21
6/27/2008 0:15	2.566	0.21
6/27/2008 0:20	2.566	0.21
6/27/2008 0:25	2.566	0.21
6/27/2008 0:30	2.566	0.21
6/27/2008 0:35	2.566	0.21
6/27/2008 0:40	2.566	0.21

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 0:45	2.566	0.21
6/27/2008 0:50	2.566	0.21
6/27/2008 0:55	2.566	0.21
6/27/2008 1:00	2.567	0.21
6/27/2008 1:05	2.566	0.19
6/27/2008 1:10	2.567	0.19
6/27/2008 1:15	2.567	0.19
6/27/2008 1:20	2.567	0.19
6/27/2008 1:25	2.567	0.19
6/27/2008 1:30	2.567	0.19
6/27/2008 1:35	2.567	0.19
6/27/2008 1:40	2.567	0.19
6/27/2008 1:45	2.567	0.19
6/27/2008 1:50	2.567	0.41
6/27/2008 1:55	2.567	0.41
6/27/2008 2:00	2.567	0.41
6/27/2008 2:05	2.567	0.41
6/27/2008 2:10	2.568	0.41
6/27/2008 2:15	2.568	0.41
6/27/2008 2:20	2.568	0.41
6/27/2008 2:25	2.568	0.41
6/27/2008 2:30	2.568	0.41
6/27/2008 2:35	2.568	0.41
6/27/2008 2:40	2.568	0.41
6/27/2008 2:45	2.568	0.41
6/27/2008 2:50	2.569	0.41
6/27/2008 2:55	2.569	0.41
6/27/2008 3:00	2.569	0.41
6/27/2008 3:05	2.569	0.41
6/27/2008 3:10	2.569	0.41
6/27/2008 3:15	2.57	0.41
6/27/2008 3:20	2.57	0.41
6/27/2008 3:25	2.57	0.41
6/27/2008 3:30	2.57	0.41
6/27/2008 3:35	2.57	0.41
6/27/2008 3:40	2.57	0.22
6/27/2008 3:45	2.571	0.22
6/27/2008 3:50	2.571	0.22
6/27/2008 3:55	2.571	0.22
6/27/2008 4:00	2.572	0.22
6/27/2008 4:05	2.572	0.22
6/27/2008 4:10	2.572	0.22
6/27/2008 4:15	2.572	0.22
6/27/2008 4:20	2.572	0.22

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 4:25	2.572	0.22
6/27/2008 4:30	2.573	0.22
6/27/2008 4:35	2.573	0.22
6/27/2008 4:40	2.573	0.22
6/27/2008 4:45	2.574	0.22
6/27/2008 4:50	2.574	0.22
6/27/2008 4:55	2.574	0.22
6/27/2008 5:00	2.575	0.22
6/27/2008 5:05	2.575	0.22
6/27/2008 5:10	2.575	0.22
6/27/2008 5:15	2.575	0.22
6/27/2008 5:20	2.576	0.22
6/27/2008 5:25	2.576	0.22
6/27/2008 5:30	2.576	0.22
6/27/2008 5:35	2.576	0.22
6/27/2008 5:40	2.577	0.22
6/27/2008 5:45	2.577	0.22
6/27/2008 5:50	2.578	0.22
6/27/2008 5:55	2.577	0.21
6/27/2008 6:00	2.578	0.21
6/27/2008 6:05	2.578	0.21
6/27/2008 6:10	2.578	0.21
6/27/2008 6:15	2.579	0.21
6/27/2008 6:20	2.579	0.21
6/27/2008 6:25	2.579	0.21
6/27/2008 6:30	2.58	0.21
6/27/2008 6:35	2.581	0.21
6/27/2008 6:40	2.58	0.21
6/27/2008 6:45	2.581	0.21
6/27/2008 6:50	2.582	0.21
6/27/2008 6:55	2.582	0.21
6/27/2008 7:00	2.582	0.21
6/27/2008 7:05	2.582	0.21
6/27/2008 7:10	2.582	0.21
6/27/2008 7:15	2.582	0.21
6/27/2008 7:20	2.583	0.2
6/27/2008 7:25	2.583	0.22
6/27/2008 7:30	2.584	0.22
6/27/2008 7:35	2.584	0.22
6/27/2008 7:40	2.584	0.22
6/27/2008 7:45	2.584	0.23
6/27/2008 7:50	2.584	0.23
6/27/2008 7:55	2.585	0.23
6/27/2008 8:00	2.586	0.23

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 8:05	2.586	0.23
6/27/2008 8:10	2.586	0.23
6/27/2008 8:15	2.587	0.23
6/27/2008 8:20	2.587	0.23
6/27/2008 8:25	2.588	0.23
6/27/2008 8:30	2.588	0.23
6/27/2008 8:35	2.589	0.23
6/27/2008 8:40	2.589	0.23
6/27/2008 8:45	2.59	0.23
6/27/2008 8:50	2.59	0.23
6/27/2008 8:55	2.59	0.23
6/27/2008 9:00	2.591	0.23
6/27/2008 9:05	2.591	0.23
6/27/2008 9:10	2.591	0.23
6/27/2008 9:15	2.591	0.23
6/27/2008 9:20	2.592	0.23
6/27/2008 9:25	2.592	0.23
6/27/2008 9:30	2.593	0.23
6/27/2008 9:35	2.592	0.23
6/27/2008 9:40	2.592	0.23
6/27/2008 9:45	2.59	0.23
6/27/2008 9:50	2.587	0.23
6/27/2008 9:55	2.586	0.23
6/27/2008 10:00	2.584	0.23
6/27/2008 10:05	2.582	0.25
6/27/2008 10:10	2.58	0.25
6/27/2008 10:15	2.579	0.25
6/27/2008 10:20	2.577	0.25
6/27/2008 10:25	2.576	0.25
6/27/2008 10:30	2.575	0.25
6/27/2008 10:35	2.573	0.25
6/27/2008 10:40	2.571	0.21
6/27/2008 10:45	2.57	0.21
6/27/2008 10:50	2.569	0.21
6/27/2008 10:55	2.567	0.21
6/27/2008 11:00	2.566	0.21
6/27/2008 11:05	2.554	0.21
6/27/2008 11:10	2.545	0.21
6/27/2008 11:15	2.543	0.21
6/27/2008 11:20	2.54	0.21
6/27/2008 11:25	2.539	0.21
6/27/2008 11:30	2.536	0.21
6/27/2008 11:35	2.535	0.21
6/27/2008 11:40	2.533	0.21

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 11:45	2.531	0.21
6/27/2008 11:50	2.531	0.21
6/27/2008 11:55	2.529	0.21
6/27/2008 12:00	2.529	0.21
6/27/2008 12:05	2.527	0.21
6/27/2008 12:10	2.527	0.21
6/27/2008 12:15	2.526	0.21
6/27/2008 12:20	2.524	0.21
6/27/2008 12:25	2.524	0.21
6/27/2008 12:30	2.522	0.21
6/27/2008 12:35	2.521	0.21
6/27/2008 12:40	2.52	0.21
6/27/2008 12:45	2.518	0.19
6/27/2008 12:50	2.517	0.19
6/27/2008 12:55	2.516	0.19
6/27/2008 13:00	2.515	0.19
6/27/2008 13:05	2.513	0.19
6/27/2008 13:10	2.511	0.19
6/27/2008 13:15	2.51	0.19
6/27/2008 13:20	2.509	0.18
6/27/2008 13:25	2.507	0.18
6/27/2008 13:30	2.506	0.21
6/27/2008 13:35	2.505	0.21
6/27/2008 13:40	2.504	0.21
6/27/2008 13:45	2.506	0.21
6/27/2008 13:50	2.505	0.21
6/27/2008 13:55	2.503	0.21
6/27/2008 14:00	2.502	0.21
6/27/2008 14:05	2.5	0.19
6/27/2008 14:10	2.499	0.19
6/27/2008 14:15	2.499	0.19
6/27/2008 14:20	2.497	0.18
6/27/2008 14:25	2.496	0.18
6/27/2008 14:30	2.494	0.18
6/27/2008 14:35	2.494	0.18
6/27/2008 14:40	2.493	0.18
6/27/2008 14:45	2.492	0.18
6/27/2008 14:50	2.491	0.18
6/27/2008 14:55	2.49	0.18
6/27/2008 15:00	2.489	0.18
6/27/2008 15:05	2.488	0.18
6/27/2008 15:10	2.488	0.18
6/27/2008 15:15	2.487	0.18
6/27/2008 15:20	2.486	0.18

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 15:25	2.485	0.18
6/27/2008 15:30	2.485	0.18
6/27/2008 15:35	2.486	0.18
6/27/2008 15:40	2.485	8.91
6/27/2008 15:45	2.485	8.91
6/27/2008 15:50	2.485	0.17
6/27/2008 15:55	2.485	0.17
6/27/2008 16:00	2.485	0.17
6/27/2008 16:05	2.486	0.21
6/27/2008 16:10	2.49	0.2
6/27/2008 16:15	2.491	0.2
6/27/2008 16:20	2.49	0.2
6/27/2008 16:25	2.487	0.2
6/27/2008 16:30	2.484	0.2
6/27/2008 16:35	2.482	0.2
6/27/2008 16:40	2.479	0.2
6/27/2008 16:45	2.478	0.2
6/27/2008 16:50	2.476	0.2
6/27/2008 16:55	2.476	0.2
6/27/2008 17:00	2.475	0.2
6/27/2008 17:05	2.473	0.2
6/27/2008 17:10	2.472	0.2
6/27/2008 17:15	2.471	0.2
6/27/2008 17:20	2.471	0.2
6/27/2008 17:25	2.47	13.26
6/27/2008 17:30	2.469	13.26
6/27/2008 17:35	2.469	9.54
6/27/2008 17:40	2.468	9.54
6/27/2008 17:45	2.467	9.54
6/27/2008 17:50	2.467	0.36
6/27/2008 17:55	2.467	0.26
6/27/2008 18:00	2.466	0.26
6/27/2008 18:05	2.465	0.22
6/27/2008 18:10	2.465	0.22
6/27/2008 18:15	2.463	0.22
6/27/2008 18:20	2.464	0.22
6/27/2008 18:25	2.464	0.22
6/27/2008 18:30	2.463	0.22
6/27/2008 18:35	2.463	0.22
6/27/2008 18:40	2.463	0.22
6/27/2008 18:45	2.462	0.2
6/27/2008 18:50	2.462	0.2
6/27/2008 18:55	2.461	0.19
6/27/2008 19:00	2.46	0.2

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 19:05	2.46	0.2
6/27/2008 19:10	2.46	0.2
6/27/2008 19:15	2.46	0.2
6/27/2008 19:20	2.459	0.2
6/27/2008 19:25	2.459	0.19
6/27/2008 19:30	2.459	0.19
6/27/2008 19:35	2.459	0.19
6/27/2008 19:40	2.458	0.19
6/27/2008 19:45	2.458	0.19
6/27/2008 19:50	2.458	0.19
6/27/2008 19:55	2.458	0.22
6/27/2008 20:00	2.458	0.22
6/27/2008 20:05	2.457	0.2
6/27/2008 20:10	2.457	0.2
6/27/2008 20:15	2.458	0.2
6/27/2008 20:20	2.458	0.2
6/27/2008 20:25	2.458	0.2
6/27/2008 20:30	2.458	0.2
6/27/2008 20:35	2.458	0.2
6/27/2008 20:40	2.459	0.2
6/27/2008 20:45	2.46	0.21
6/27/2008 20:50	2.46	0.21
6/27/2008 20:55	2.46	0.21
6/27/2008 21:00	2.46	0.21
6/27/2008 21:05	2.46	0.19
6/27/2008 21:10	2.46	0.23
6/27/2008 21:15	2.46	0.23
6/27/2008 21:20	2.461	0.23
6/27/2008 21:25	2.461	0.21
6/27/2008 21:30	2.461	0.74
6/27/2008 21:35	2.461	0.74
6/27/2008 21:40	2.461	0.6
6/27/2008 21:45	2.461	0.6
6/27/2008 21:50	2.461	0.6
6/27/2008 21:55	2.462	0.6
6/27/2008 22:00	2.461	0.6
6/27/2008 22:05	2.462	0.25
6/27/2008 22:10	2.462	0.25
6/27/2008 22:15	2.462	0.25
6/27/2008 22:20	2.462	0.25
6/27/2008 22:25	2.462	0.25
6/27/2008 22:30	2.462	0.25
6/27/2008 22:35	2.462	0.21
6/27/2008 22:40	2.463	0.21

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 22:45	2.462	0.21
6/27/2008 22:50	2.462	0.21
6/27/2008 22:55	2.462	0.21
6/27/2008 23:00	2.462	0.21
6/27/2008 23:05	2.462	0.21
6/27/2008 23:10	2.462	0.21
6/27/2008 23:15	2.462	0.21
6/27/2008 23:20	2.463	0.21
6/27/2008 23:25	2.462	0.21
6/27/2008 23:30	2.462	0.21
6/27/2008 23:35	2.462	0.21
6/27/2008 23:40	2.462	0.21
6/27/2008 23:45	2.462	0.21
6/27/2008 23:50	2.463	0.21
6/27/2008 23:55	2.462	0.21
6/28/2008 0:00	2.462	0.21
6/28/2008 0:05	2.462	0.21
6/28/2008 0:10	2.462	0.21
6/28/2008 0:15	2.462	0.21
6/28/2008 0:20	2.462	0.21
6/28/2008 0:25	2.462	0.21
6/28/2008 0:30	2.462	0.21
6/28/2008 0:35	2.462	0.21
6/28/2008 0:40	2.462	0.21
6/28/2008 0:45	2.462	0.21
6/28/2008 0:50	2.462	0.21
6/28/2008 0:55	2.462	0.21
6/28/2008 1:00	2.462	0.21
6/28/2008 1:05	2.462	0.22
6/28/2008 1:10	2.462	0.22
6/28/2008 1:15	2.462	0.22
6/28/2008 1:20	2.462	0.22
6/28/2008 1:25	2.463	0.22
6/28/2008 1:30	2.462	0.22
6/28/2008 1:35	2.462	0.22
6/28/2008 1:40	2.463	0.22
6/28/2008 1:45	2.462	0.22
6/28/2008 1:50	2.463	0.22
6/28/2008 1:55	2.463	0.22
6/28/2008 2:00	2.463	0.39
6/28/2008 2:05	2.463	0.19
6/28/2008 2:10	2.463	0.19
6/28/2008 2:15	2.463	0.19
6/28/2008 2:20	2.463	0.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 2:25	2.463	0.19
6/28/2008 2:30	2.463	0.19
6/28/2008 2:35	2.463	0.19
6/28/2008 2:40	2.464	0.19
6/28/2008 2:45	2.463	0.19
6/28/2008 2:50	2.463	0.19
6/28/2008 2:55	2.464	0.19
6/28/2008 3:00	2.464	0.19
6/28/2008 3:05	2.464	0.19
6/28/2008 3:10	2.464	0.19
6/28/2008 3:15	2.464	0.19
6/28/2008 3:20	2.464	0.19
6/28/2008 3:25	2.464	0.19
6/28/2008 3:30	2.464	0.19
6/28/2008 3:35	2.465	0.19
6/28/2008 3:40	2.465	0.19
6/28/2008 3:45	2.465	0.19
6/28/2008 3:50	2.465	0.19
6/28/2008 3:55	2.465	0.18
6/28/2008 4:00	2.466	0.18
6/28/2008 4:05	2.466	0.18
6/28/2008 4:10	2.466	0.18
6/28/2008 4:15	2.466	0.18
6/28/2008 4:20	2.467	0.18
6/28/2008 4:25	2.467	0.18
6/28/2008 4:30	2.467	0.18
6/28/2008 4:35	2.467	0.18
6/28/2008 4:40	2.467	0.18
6/28/2008 4:45	2.468	0.18
6/28/2008 4:50	2.467	0.18
6/28/2008 4:55	2.468	0.18
6/28/2008 5:00	2.468	0.18
6/28/2008 5:05	2.468	0.18
6/28/2008 5:10	2.468	0.18
6/28/2008 5:15	2.469	0.18
6/28/2008 5:20	2.469	0.18
6/28/2008 5:25	2.469	0.18
6/28/2008 5:30	2.469	0.18
6/28/2008 5:35	2.469	0.18
6/28/2008 5:40	2.47	0.18
6/28/2008 5:45	2.47	0.18
6/28/2008 5:50	2.47	0.18
6/28/2008 5:55	2.47	0.18
6/28/2008 6:00	2.47	0.18

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 6:05	2.47	0.18
6/28/2008 6:10	2.47	0.18
6/28/2008 6:15	2.47	0.18
6/28/2008 6:20	2.471	0.18
6/28/2008 6:25	2.471	0.18
6/28/2008 6:30	2.471	0.18
6/28/2008 6:35	2.471	0.18
6/28/2008 6:40	2.472	0.18
6/28/2008 6:45	2.472	0.18
6/28/2008 6:50	2.472	0.18
6/28/2008 6:55	2.473	0.18
6/28/2008 7:00	2.473	0.18
6/28/2008 7:05	2.473	0.18
6/28/2008 7:10	2.473	0.18
6/28/2008 7:15	2.474	0.18
6/28/2008 7:20	2.474	0.18
6/28/2008 7:25	2.474	0.18
6/28/2008 7:30	2.475	0.18
6/28/2008 7:35	2.475	0.18
6/28/2008 7:40	2.475	0.18
6/28/2008 7:45	2.476	0.18
6/28/2008 7:50	2.476	0.18
6/28/2008 7:55	2.476	0.15
6/28/2008 8:00	2.477	0.15
6/28/2008 8:05	2.477	0.15
6/28/2008 8:10	2.478	0.15
6/28/2008 8:15	2.478	0.15
6/28/2008 8:20	2.478	0.15
6/28/2008 8:25	2.478	0.15
6/28/2008 8:30	2.478	0.15
6/28/2008 8:35	2.479	0.43
6/28/2008 8:40	2.479	0.43
6/28/2008 8:45	2.479	0.43
6/28/2008 8:50	2.48	0.43
6/28/2008 8:55	2.48	0.43
6/28/2008 9:00	2.481	0.43
6/28/2008 9:05	2.481	0.16
6/28/2008 9:10	2.481	0.16
6/28/2008 9:15	2.481	0.37
6/28/2008 9:20	2.482	0.37
6/28/2008 9:25	2.481	0.37
6/28/2008 9:30	2.482	0.37
6/28/2008 9:35	2.482	0.37
6/28/2008 9:40	2.483	0.37

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 9:45	2.483	0.37
6/28/2008 9:50	2.483	0.24
6/28/2008 9:55	2.484	0.24
6/28/2008 10:00	2.484	0.27
6/28/2008 10:05	2.484	0.27
6/28/2008 10:10	2.485	0.28
6/28/2008 10:15	2.484	0.28
6/28/2008 10:20	2.485	0.28
6/28/2008 10:25	2.485	0.28
6/28/2008 10:30	2.477	0.28
6/28/2008 10:35	2.473	0.28
6/28/2008 10:40	2.474	0.28
6/28/2008 10:45	2.474	0.28
6/28/2008 10:50	2.473	0.18
6/28/2008 10:55	2.472	0.18
6/28/2008 11:00	2.472	0.18
6/28/2008 11:05	2.472	0.18
6/28/2008 11:10	2.473	0.33
6/28/2008 11:15	2.474	0.33
6/28/2008 11:20	2.474	0.33
6/28/2008 11:25	2.475	0.16
6/28/2008 11:30	2.475	0.15
6/28/2008 11:35	2.475	0.32
6/28/2008 11:40	2.475	0.32
6/28/2008 11:45	2.475	0.32
6/28/2008 11:50	2.475	0.32
6/28/2008 11:55	2.476	0.32
6/28/2008 12:00	2.476	0.32
6/28/2008 12:05	2.476	0.32
6/28/2008 12:10	2.477	0.32
6/28/2008 12:15	2.476	0.3
6/28/2008 12:20	2.477	0.3
6/28/2008 12:25	2.477	0.3
6/28/2008 12:30	2.476	0.3
6/28/2008 12:35	2.477	0.3
6/28/2008 12:40	2.477	0.66
6/28/2008 12:45	2.477	0.66
6/28/2008 12:50	2.477	0.66
6/28/2008 12:55	2.477	0.19
6/28/2008 13:00	2.478	0.19
6/28/2008 13:05	2.478	0.19
6/28/2008 13:10	2.478	0.19
6/28/2008 13:15	2.478	0.19
6/28/2008 13:20	2.478	0.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 13:25	2.479	0.19
6/28/2008 13:30	2.478	0.19
6/28/2008 13:35	2.479	0.19
6/28/2008 13:40	2.479	9.55
6/28/2008 13:45	2.478	9.55
6/28/2008 13:50	2.463	9.55
6/28/2008 13:55	2.46	9.55
6/28/2008 14:00	2.459	9.55
6/28/2008 14:05	2.46	9.55
6/28/2008 14:10	2.462	9.55
6/28/2008 14:15	2.462	9.55
6/28/2008 14:20	2.461	9.55
6/28/2008 14:25	2.461	9.55
6/28/2008 14:30	2.462	9.55
6/28/2008 14:35	2.461	9.55
6/28/2008 14:40	2.461	9.55
6/28/2008 14:45	2.462	0.12
6/28/2008 14:50	2.461	0.12
6/28/2008 14:55	2.461	0.12
6/28/2008 15:00	2.462	0.12
6/28/2008 15:05	2.462	0.12
6/28/2008 15:10	2.461	0.12
6/28/2008 15:15	2.462	0.12
6/28/2008 15:20	2.462	0.12
6/28/2008 15:25	2.463	0.12
6/28/2008 15:30	2.463	0.12
6/28/2008 15:35	2.463	0.12
6/28/2008 15:40	2.463	0.12
6/28/2008 15:45	2.464	0.12
6/28/2008 15:50	2.463	0.12
6/28/2008 15:55	2.463	0.12
6/28/2008 16:00	2.463	0.12
6/28/2008 16:05	2.463	0.12
6/28/2008 16:10	2.464	0.12
6/28/2008 16:15	2.464	0.12
6/28/2008 16:20	2.465	0.12
6/28/2008 16:25	2.464	0.12
6/28/2008 16:30	2.465	0.12
6/28/2008 16:35	2.465	0.12
6/28/2008 16:40	2.466	0.12
6/28/2008 16:45	2.466	0.12
6/28/2008 16:50	2.468	0.12
6/28/2008 16:55	2.468	0.12
6/28/2008 17:00	2.469	0.12

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 17:05	2.47	0.12
6/28/2008 17:10	2.47	0.17
6/28/2008 17:15	2.47	0.17
6/28/2008 17:20	2.47	0.18
6/28/2008 17:25	2.47	0.18
6/28/2008 17:30	2.47	0.18
6/28/2008 17:35	2.471	0.18
6/28/2008 17:40	2.471	0.18
6/28/2008 17:45	2.471	0.18
6/28/2008 17:50	2.472	0.16
6/28/2008 17:55	2.473	0.16
6/28/2008 18:00	2.473	0.17
6/28/2008 18:05	2.475	0.17
6/28/2008 18:10	2.476	0.17
6/28/2008 18:15	2.476	0.18
6/28/2008 18:20	2.477	0.18
6/28/2008 18:25	2.477	0.18
6/28/2008 18:30	2.477	0.18
6/28/2008 18:35	2.477	0.18
6/28/2008 18:40	2.48	0.18
6/28/2008 18:45	2.48	0.18
6/28/2008 18:50	2.479	0.18
6/28/2008 18:55	2.479	0.18
6/28/2008 19:00	2.479	0.18
6/28/2008 19:05	2.479	0.18
6/28/2008 19:10	2.479	0.18
6/28/2008 19:15	2.48	0.18
6/28/2008 19:20	2.48	1.11
6/28/2008 19:25	2.48	1.11
6/28/2008 19:30	2.48	1.11
6/28/2008 19:35	2.48	1.11
6/28/2008 19:40	2.48	1.11
6/28/2008 19:45	2.48	1.11
6/28/2008 19:50	2.479	1.11
6/28/2008 19:55	2.476	1.11
6/28/2008 20:00	2.475	1.11
6/28/2008 20:05	2.476	1.11
6/28/2008 20:10	2.476	0.57
6/28/2008 20:15	2.475	0.57
6/28/2008 20:20	2.475	0.57
6/28/2008 20:25	2.476	0.57
6/28/2008 20:30	2.476	0.57
6/28/2008 20:35	2.476	0.57
6/28/2008 20:40	2.476	0.57

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 20:45	2.476	0.57
6/28/2008 20:50	2.476	0.57
6/28/2008 20:55	2.476	0.57
6/28/2008 21:00	2.476	8.94
6/28/2008 21:05	2.476	8.94
6/28/2008 21:10	2.476	8.94
6/28/2008 21:15	2.477	8.94
6/28/2008 21:20	2.477	7.63
6/28/2008 21:25	2.477	7.63
6/28/2008 21:30	2.477	7.63
6/28/2008 21:35	2.477	7.63
6/28/2008 21:40	2.477	7.63
6/28/2008 21:45	2.477	7.63
6/28/2008 21:50	2.477	7.63
6/28/2008 21:55	2.478	7.63
6/28/2008 22:00	2.478	7.63
6/28/2008 22:05	2.478	7.63
6/28/2008 22:10	2.478	7.63
6/28/2008 22:15	2.478	7.63
6/28/2008 22:20	2.478	7.63
6/28/2008 22:25	2.479	7.63
6/28/2008 22:30	2.479	7.63
6/28/2008 22:35	2.479	7.63
6/28/2008 22:40	2.479	7.63
6/28/2008 22:45	2.479	7.63
6/28/2008 22:50	2.479	7.63
6/28/2008 22:55	2.479	7.63
6/28/2008 23:00	2.479	7.63
6/28/2008 23:05	2.479	7.63
6/28/2008 23:10	2.479	7.63
6/28/2008 23:15	2.48	7.63
6/28/2008 23:20	2.48	7.63
6/28/2008 23:25	2.48	7.63
6/28/2008 23:30	2.479	12.29
6/28/2008 23:35	2.48	12.29
6/28/2008 23:40	2.48	12.29
6/28/2008 23:45	2.48	12.29
6/28/2008 23:50	2.48	12.29
6/28/2008 23:55	2.48	12.29
6/29/2008 0:00	2.483	12.29
6/29/2008 0:05	2.483	12.29
6/29/2008 0:10	2.483	12.29
6/29/2008 0:15	2.483	12.29
6/29/2008 0:20	2.483	12.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 0:25	2.483	12.29
6/29/2008 0:30	2.483	12.29
6/29/2008 0:35	2.483	12.29
6/29/2008 0:40	2.483	12.29
6/29/2008 0:45	2.483	12.29
6/29/2008 0:50	2.483	12.29
6/29/2008 0:55	2.483	12.29
6/29/2008 1:00	2.483	12.29
6/29/2008 1:05	2.483	12.29
6/29/2008 1:10	2.483	12.29
6/29/2008 1:15	2.483	12.29
6/29/2008 1:20	2.483	1.16
6/29/2008 1:25	2.483	1.16
6/29/2008 1:30	2.483	1.16
6/29/2008 1:35	2.483	1.16
6/29/2008 1:40	2.483	1.16
6/29/2008 1:45	2.483	1.16
6/29/2008 1:50	2.483	1.16
6/29/2008 1:55	2.483	1.16
6/29/2008 2:00	2.483	1.16
6/29/2008 2:05	2.483	1.16
6/29/2008 2:10	2.483	1.16
6/29/2008 2:15	2.483	1.16
6/29/2008 2:20	2.483	1.16
6/29/2008 2:25	2.484	1.16
6/29/2008 2:30	2.484	1.16
6/29/2008 2:35	2.484	1.16
6/29/2008 2:40	2.484	1.16
6/29/2008 2:45	2.484	1.16
6/29/2008 2:50	2.484	1.16
6/29/2008 2:55	2.484	1.16
6/29/2008 3:00	2.484	1.16
6/29/2008 3:05	2.484	1.16
6/29/2008 3:10	2.485	1.16
6/29/2008 3:15	2.485	1.16
6/29/2008 3:20	2.485	1.16
6/29/2008 3:25	2.485	1.16
6/29/2008 3:30	2.485	1.16
6/29/2008 3:35	2.486	1.16
6/29/2008 3:40	2.486	1.16
6/29/2008 3:45	2.486	1.16
6/29/2008 3:50	2.486	1.16
6/29/2008 3:55	2.486	1.16
6/29/2008 4:00	2.486	1.16

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 4:05	2.487	1.16
6/29/2008 4:10	2.486	1.16
6/29/2008 4:15	2.487	1.16
6/29/2008 4:20	2.487	1.16
6/29/2008 4:25	2.488	1.16
6/29/2008 4:30	2.488	1.16
6/29/2008 4:35	2.488	1.16
6/29/2008 4:40	2.489	1.16
6/29/2008 4:45	2.489	1.16
6/29/2008 4:50	2.489	1.16
6/29/2008 4:55	2.489	1.16
6/29/2008 5:00	2.49	1.16
6/29/2008 5:05	2.49	0.16
6/29/2008 5:10	2.491	0.16
6/29/2008 5:15	2.491	0.16
6/29/2008 5:20	2.491	0.16
6/29/2008 5:25	2.492	0.16
6/29/2008 5:30	2.492	0.16
6/29/2008 5:35	2.493	0.16
6/29/2008 5:40	2.493	0.16
6/29/2008 5:45	2.493	0.16
6/29/2008 5:50	2.494	0.16
6/29/2008 5:55	2.494	0.16
6/29/2008 6:00	2.495	0.16
6/29/2008 6:05	2.495	0.16
6/29/2008 6:10	2.495	0.16
6/29/2008 6:15	2.496	0.16
6/29/2008 6:20	2.496	0.16
6/29/2008 6:25	2.497	0.16
6/29/2008 6:30	2.497	0.16
6/29/2008 6:35	2.497	0.16
6/29/2008 6:40	2.498	0.16
6/29/2008 6:45	2.499	0.16
6/29/2008 6:50	2.499	0.16
6/29/2008 6:55	2.5	0.16
6/29/2008 7:00	2.5	0.16
6/29/2008 7:05	2.5	0.16
6/29/2008 7:10	2.501	0.16
6/29/2008 7:15	2.501	0.16
6/29/2008 7:20	2.501	0.16
6/29/2008 7:25	2.502	0.16
6/29/2008 7:30	2.503	0.16
6/29/2008 7:35	2.504	0.16
6/29/2008 7:40	2.504	0.16

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 7:45	2.504	0.16
6/29/2008 7:50	2.505	0.16
6/29/2008 7:55	2.506	0.17
6/29/2008 8:00	2.506	0.17
6/29/2008 8:05	2.507	0.17
6/29/2008 8:10	2.507	0.17
6/29/2008 8:15	2.507	0.17
6/29/2008 8:20	2.508	0.17
6/29/2008 8:25	2.508	0.17
6/29/2008 8:30	2.508	0.15
6/29/2008 8:35	2.509	0.15
6/29/2008 8:40	2.509	0.15
6/29/2008 8:45	2.511	0.15
6/29/2008 8:50	2.511	0.15
6/29/2008 8:55	2.511	0.15
6/29/2008 9:00	2.512	0.15
6/29/2008 9:05	2.512	0.15
6/29/2008 9:10	2.513	0.15
6/29/2008 9:15	2.512	0.15
6/29/2008 9:20	2.514	0.15
6/29/2008 9:25	2.513	0.15
6/29/2008 9:30	2.515	0.15
6/29/2008 9:35	2.514	0.15
6/29/2008 9:40	2.516	0.15
6/29/2008 9:45	2.517	0.15
6/29/2008 9:50	2.517	0.15
6/29/2008 9:55	2.518	0.15
6/29/2008 10:00	2.518	0.15
6/29/2008 10:05	2.519	0.15
6/29/2008 10:10	2.52	0.15
6/29/2008 10:15	2.52	0.15
6/29/2008 10:20	2.52	0.15
6/29/2008 10:25	2.52	0.15
6/29/2008 10:30	2.52	0.15
6/29/2008 10:35	2.521	8.44
6/29/2008 10:40	2.521	8.44
6/29/2008 10:45	2.521	8.44
6/29/2008 10:50	2.522	0.15
6/29/2008 10:55	2.522	0.15
6/29/2008 11:00	2.523	0.15
6/29/2008 11:05	2.523	0.15
6/29/2008 11:10	2.523	0.15
6/29/2008 11:15	2.524	0.15
6/29/2008 11:20	2.525	0.15

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 11:25	2.525	0.15
6/29/2008 11:30	2.525	0.15
6/29/2008 11:35	2.527	0.15
6/29/2008 11:40	2.51	9.72
6/29/2008 11:45	2.51	0.14
6/29/2008 11:50	2.51	0.14
6/29/2008 11:55	2.511	0.14
6/29/2008 12:00	2.512	1.33
6/29/2008 12:05	2.513	1.33
6/29/2008 12:10	2.512	1.33
6/29/2008 12:15	2.512	1.33
6/29/2008 12:20	2.512	1.33
6/29/2008 12:25	2.512	1.33
6/29/2008 12:30	2.514	0.43
6/29/2008 12:35	2.513	0.43
6/29/2008 12:40	2.514	0.43
6/29/2008 12:45	2.514	0.43
6/29/2008 12:50	2.514	0.43
6/29/2008 12:55	2.515	0.43
6/29/2008 13:00	2.513	0.43
6/29/2008 13:05	2.514	0.43
6/29/2008 13:10	2.514	0.43
6/29/2008 13:15	2.515	0.16
6/29/2008 13:20	2.515	0.16
6/29/2008 13:25	2.516	0.16
6/29/2008 13:30	2.516	0.16
6/29/2008 13:35	2.517	0.16
6/29/2008 13:40	2.517	0.16
6/29/2008 13:45	2.517	0.16
6/29/2008 13:50	2.517	0.16
6/29/2008 13:55	2.518	0.16
6/29/2008 14:00	2.518	0.16
6/29/2008 14:05	2.518	0.16
6/29/2008 14:10	2.518	0.18
6/29/2008 14:15	2.518	0.15
6/29/2008 14:20	2.519	0.15
6/29/2008 14:25	2.519	0.15
6/29/2008 14:30	2.519	0.15
6/29/2008 14:35	2.52	0.14
6/29/2008 14:40	2.52	0.14
6/29/2008 14:45	2.52	0.14
6/29/2008 14:50	2.52	0.14
6/29/2008 14:55	2.52	0.14
6/29/2008 15:00	2.521	0.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 15:05	2.522	0.16
6/29/2008 15:10	2.521	0.16
6/29/2008 15:15	2.522	0.16
6/29/2008 15:20	2.522	0.16
6/29/2008 15:25	2.522	0.16
6/29/2008 15:30	2.522	0.16
6/29/2008 15:35	2.523	0.16
6/29/2008 15:40	2.523	0.16
6/29/2008 15:45	2.523	-0.37
6/29/2008 15:50	2.523	-0.37
6/29/2008 15:55	2.524	-0.37
6/29/2008 16:00	2.525	-0.37
6/29/2008 16:05	2.525	-0.37
6/29/2008 16:10	2.525	-0.37
6/29/2008 16:15	2.522	-0.37
6/29/2008 16:20	2.52	-0.37
6/29/2008 16:25	2.519	-0.37
6/29/2008 16:30	2.52	-0.37
6/29/2008 16:35	2.52	-0.37
6/29/2008 16:40	2.52	9.46
6/29/2008 16:45	2.52	9.46
6/29/2008 16:50	2.52	9.46
6/29/2008 16:55	2.521	9.46
6/29/2008 17:00	2.521	9.46
6/29/2008 17:05	2.521	9.46
6/29/2008 17:10	2.521	9.46
6/29/2008 17:15	2.522	9.46
6/29/2008 17:20	2.523	9.46
6/29/2008 17:25	2.523	9.46
6/29/2008 17:30	2.522	9.46
6/29/2008 17:35	2.523	9.46
6/29/2008 17:40	2.524	9.46
6/29/2008 17:45	2.525	11.85
6/29/2008 17:50	2.525	11.85
6/29/2008 17:55	2.526	11.85
6/29/2008 18:00	2.529	11.85
6/29/2008 18:05	2.528	11.85
6/29/2008 18:10	2.529	0.15
6/29/2008 18:15	2.529	0.15
6/29/2008 18:20	2.53	0.19
6/29/2008 18:25	2.53	0.19
6/29/2008 18:30	2.53	0.19
6/29/2008 18:35	2.531	0.19
6/29/2008 18:40	2.531	0.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 18:45	2.531	0.19
6/29/2008 18:50	2.532	0.19
6/29/2008 18:55	2.531	0.19
6/29/2008 19:00	2.532	0.19
6/29/2008 19:05	2.532	1.32
6/29/2008 19:10	2.533	1.32
6/29/2008 19:15	2.533	1.32
6/29/2008 19:20	2.533	1.32
6/29/2008 19:25	2.534	1.32
6/29/2008 19:30	2.533	1.32
6/29/2008 19:35	2.534	1.32
6/29/2008 19:40	2.535	1.32
6/29/2008 19:45	2.534	1.32
6/29/2008 19:50	2.535	1.32
6/29/2008 19:55	2.535	1.32
6/29/2008 20:00	2.535	1.32
6/29/2008 20:05	2.536	1.22
6/29/2008 20:10	2.536	1.22
6/29/2008 20:15	2.537	1.22
6/29/2008 20:20	2.537	1.22
6/29/2008 20:25	2.536	1.22
6/29/2008 20:30	2.537	1.22
6/29/2008 20:35	2.537	1.22
6/29/2008 20:40	2.537	1.22
6/29/2008 20:45	2.538	1.22
6/29/2008 20:50	2.537	1.22
6/29/2008 20:55	2.538	1.22
6/29/2008 21:00	2.538	1.22
6/29/2008 21:05	2.538	0.64
6/29/2008 21:10	2.538	0.64
6/29/2008 21:15	2.538	0.64
6/29/2008 21:20	2.538	0.64
6/29/2008 21:25	2.539	0.64
6/29/2008 21:30	2.539	0.64
6/29/2008 21:35	2.539	0.64
6/29/2008 21:40	2.539	0.64
6/29/2008 21:45	2.54	0.19
6/29/2008 21:50	2.54	0.19
6/29/2008 21:55	2.54	0.19
6/29/2008 22:00	2.54	0.19
6/29/2008 22:05	2.541	0.19
6/29/2008 22:10	2.541	0.19
6/29/2008 22:15	2.541	0.19
6/29/2008 22:20	2.541	0.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 22:25	2.541	0.19
6/29/2008 22:30	2.541	0.19
6/29/2008 22:35	2.542	0.19
6/29/2008 22:40	2.542	0.19
6/29/2008 22:45	2.542	0.19
6/29/2008 22:50	2.542	0.19
6/29/2008 22:55	2.542	0.19
6/29/2008 23:00	2.542	0.19
6/29/2008 23:05	2.543	0.19
6/29/2008 23:10	2.543	0.19
6/29/2008 23:15	2.543	0.19
6/29/2008 23:20	2.544	0.19
6/29/2008 23:25	2.544	0.19
6/29/2008 23:30	2.544	0.19
6/29/2008 23:35	2.545	0.19
6/29/2008 23:40	2.545	0.19
6/29/2008 23:45	2.545	0.19
6/29/2008 23:50	2.545	0.19
6/29/2008 23:55	2.545	0.19
6/30/2008 0:00	2.546	0.19
6/30/2008 0:05	2.552	0.19
6/30/2008 0:10	3.037	0.61
6/30/2008 0:15	3.332	1.03
6/30/2008 0:20	3.39	1.24
6/30/2008 0:25	3.288	1.1
6/30/2008 0:30	3.164	0.91
6/30/2008 0:35	3.043	0.72
6/30/2008 0:40	2.94	0.53
6/30/2008 0:45	2.865	0.53
6/30/2008 0:50	2.811	0.53
6/30/2008 0:55	2.77	0.32
6/30/2008 1:00	2.74	0.32
6/30/2008 1:05	2.721	0.32
6/30/2008 1:10	2.708	0.32
6/30/2008 1:15	2.702	0.24
6/30/2008 1:20	2.698	0.24
6/30/2008 1:25	2.696	0.24
6/30/2008 1:30	2.697	0.26
6/30/2008 1:35	2.698	0.26
6/30/2008 1:40	2.701	0.26
6/30/2008 1:45	2.704	0.32
6/30/2008 1:50	2.706	0.28
6/30/2008 1:55	2.71	0.28
6/30/2008 2:00	2.716	0.33

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 2:05	2.72	0.33
6/30/2008 2:10	2.724	0.33
6/30/2008 2:15	2.728	0.32
6/30/2008 2:20	2.73	0.34
6/30/2008 2:25	2.733	0.29
6/30/2008 2:30	2.735	0.33
6/30/2008 2:35	2.736	0.33
6/30/2008 2:40	2.738	0.33
6/30/2008 2:45	2.739	0.33
6/30/2008 2:50	2.74	0.33
6/30/2008 2:55	2.741	0.33
6/30/2008 3:00	2.742	0.33
6/30/2008 3:05	2.743	0.38
6/30/2008 3:10	2.743	0.36
6/30/2008 3:15	2.743	0.33
6/30/2008 3:20	2.744	0.36
6/30/2008 3:25	2.745	0.36
6/30/2008 3:30	2.745	0.36
6/30/2008 3:35	2.745	0.36
6/30/2008 3:40	2.745	0.36
6/30/2008 3:45	2.746	0.36
6/30/2008 3:50	2.745	0.31
6/30/2008 3:55	2.745	0.35
6/30/2008 4:00	2.746	0.35
6/30/2008 4:05	2.746	0.36
6/30/2008 4:10	2.745	0.36
6/30/2008 4:15	2.745	0.34
6/30/2008 4:20	2.745	0.34
6/30/2008 4:25	2.745	0.35
6/30/2008 4:30	2.745	0.35
6/30/2008 4:35	2.745	0.34
6/30/2008 4:40	2.745	0.33
6/30/2008 4:45	2.745	0.33
6/30/2008 4:50	2.745	0.33
6/30/2008 4:55	2.745	0.33
6/30/2008 5:00	2.745	0.33
6/30/2008 5:05	2.745	0.35
6/30/2008 5:10	2.745	0.35
6/30/2008 5:15	2.745	0.35
6/30/2008 5:20	2.745	0.35
6/30/2008 5:25	2.745	0.32
6/30/2008 5:30	2.745	0.33
6/30/2008 5:35	2.746	0.34
6/30/2008 5:40	2.746	0.33

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 5:45	2.746	0.36
6/30/2008 5:50	2.746	0.36
6/30/2008 5:55	2.746	0.36
6/30/2008 6:00	2.745	0.36
6/30/2008 6:05	2.746	0.34
6/30/2008 6:10	2.746	0.33
6/30/2008 6:15	2.747	0.33
6/30/2008 6:20	2.746	0.35
6/30/2008 6:25	2.747	0.32
6/30/2008 6:30	2.746	0.32
6/30/2008 6:35	2.746	0.32
6/30/2008 6:40	2.746	0.32
6/30/2008 6:45	2.746	0.32
6/30/2008 6:50	2.747	0.32
6/30/2008 6:55	2.747	0.32
6/30/2008 7:00	2.747	0.32
6/30/2008 7:05	2.747	0.34
6/30/2008 7:10	2.748	0.34
6/30/2008 7:15	2.747	0.34
6/30/2008 7:20	2.748	0.34
6/30/2008 7:25	2.748	0.34
6/30/2008 7:30	2.748	0.34
6/30/2008 7:35	2.749	0.34
6/30/2008 7:40	2.749	0.34
6/30/2008 7:45	2.749	0.3
6/30/2008 7:50	2.749	0.3
6/30/2008 7:55	2.749	0.3
6/30/2008 8:00	2.75	0.3
6/30/2008 8:05	2.75	0.3
6/30/2008 8:10	2.75	0.3
6/30/2008 8:15	2.75	0.33
6/30/2008 8:20	2.75	0.34
6/30/2008 8:25	2.751	0.34
6/30/2008 8:30	2.752	0.34
6/30/2008 8:35	2.751	0.32
6/30/2008 8:40	2.749	0.32
6/30/2008 8:45	2.748	0.32
6/30/2008 8:50	2.747	0.32
6/30/2008 8:55	2.745	0.32
6/30/2008 9:00	2.743	0.32
6/30/2008 9:05	2.741	0.29
6/30/2008 9:10	2.74	0.29
6/30/2008 9:15	2.739	0.29
6/30/2008 9:20	2.736	0.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 9:25	2.735	0.3
6/30/2008 9:30	2.733	0.3
6/30/2008 9:35	2.731	0.3
6/30/2008 9:40	2.73	0.33
6/30/2008 9:45	2.728	0.33
6/30/2008 9:50	2.727	0.33
6/30/2008 9:55	2.725	0.33
6/30/2008 10:00	2.724	0.32
6/30/2008 10:05	2.723	0.32
6/30/2008 10:10	2.722	0.32
6/30/2008 10:15	2.719	0.34
6/30/2008 10:20	2.719	0.34
6/30/2008 10:25	2.717	0.32
6/30/2008 10:30	2.716	0.32
6/30/2008 10:35	2.714	0.32
6/30/2008 10:40	2.713	0.32
6/30/2008 10:45	2.712	0.32
6/30/2008 10:50	2.71	0.32
6/30/2008 10:55	2.71	0.32
6/30/2008 11:00	2.708	0.33
6/30/2008 11:05	2.706	0.31
6/30/2008 11:10	2.705	0.65
6/30/2008 11:15	2.705	0.65
6/30/2008 11:20	2.703	0.65
6/30/2008 11:25	2.702	0.65
6/30/2008 11:30	2.7	0.26
6/30/2008 11:35	2.699	0.3
6/30/2008 11:40	2.698	0.3
6/30/2008 11:45	2.697	0.33
6/30/2008 11:50	2.696	0.33
6/30/2008 11:55	2.695	0.33
6/30/2008 12:00	2.694	0.33
6/30/2008 12:05	2.693	0.3
6/30/2008 12:10	2.691	0.3
6/30/2008 12:15	2.69	0.29
6/30/2008 12:20	2.688	0.29
6/30/2008 12:25	2.687	0.29
6/30/2008 12:30	2.687	0.29
6/30/2008 12:35	2.686	0.29
6/30/2008 12:40	2.685	0.28
6/30/2008 12:45	2.683	0.28
6/30/2008 12:50	2.683	0.28
6/30/2008 12:55	2.682	0.28
6/30/2008 13:00	2.68	0.28

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 13:05	2.68	0.28
6/30/2008 13:10	2.678	0.28
6/30/2008 13:15	2.677	0.28
6/30/2008 13:20	2.676	0.28
6/30/2008 13:25	2.675	0.28
6/30/2008 13:30	2.675	0.28
6/30/2008 13:35	2.673	0.28
6/30/2008 13:40	2.673	0.28
6/30/2008 13:45	2.665	0.28
6/30/2008 13:50	2.66	0.28
6/30/2008 13:55	2.66	0.28
6/30/2008 14:00	2.659	0.27
6/30/2008 14:05	2.659	0.3
6/30/2008 14:10	2.659	0.3
6/30/2008 14:15	2.658	0.3
6/30/2008 14:20	2.656	0.29
6/30/2008 14:25	2.654	0.29
6/30/2008 14:30	2.654	0.29
6/30/2008 14:35	2.652	0.29
6/30/2008 14:40	2.652	0.26
6/30/2008 14:45	2.651	0.25
6/30/2008 14:50	2.65	0.25
6/30/2008 14:55	2.649	0.25
6/30/2008 15:00	2.649	0.25
6/30/2008 15:05	2.648	0.25
6/30/2008 15:10	2.647	0.28
6/30/2008 15:15	2.647	-0.27
6/30/2008 15:20	2.645	0.28
6/30/2008 15:25	2.644	0.28
6/30/2008 15:30	2.643	0.28
6/30/2008 15:35	2.642	0.28
6/30/2008 15:40	2.641	0.28
6/30/2008 15:45	2.64	0.28
6/30/2008 15:50	2.64	0.28
6/30/2008 15:55	2.639	0.28
6/30/2008 16:00	2.639	0.28
6/30/2008 16:05	2.638	0.28
6/30/2008 16:10	2.638	0.26
6/30/2008 16:15	2.636	0.26
6/30/2008 16:20	2.635	0.29
6/30/2008 16:25	2.634	0.28
6/30/2008 16:30	2.634	0.28
6/30/2008 16:35	2.634	0.28
6/30/2008 16:40	2.632	0.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 16:45	2.632	0.29
6/30/2008 16:50	2.631	0.27
6/30/2008 16:55	2.629	0.26
6/30/2008 17:00	2.629	0.26
6/30/2008 17:05	2.628	0.25
6/30/2008 17:10	2.627	0.25
6/30/2008 17:15	2.626	0.25
6/30/2008 17:20	2.625	0.33
6/30/2008 17:25	2.625	0.33
6/30/2008 17:30	2.624	0.33
6/30/2008 17:35	2.623	0.33
6/30/2008 17:40	2.623	0.33
6/30/2008 17:45	2.622	0.28
6/30/2008 17:50	2.621	0.28
6/30/2008 17:55	2.62	0.28
6/30/2008 18:00	2.62	0.28
6/30/2008 18:05	2.619	0.28
6/30/2008 18:10	2.618	0.25
6/30/2008 18:15	2.619	0.25
6/30/2008 18:20	2.617	0.25
6/30/2008 18:25	2.617	0.25
6/30/2008 18:30	2.607	0.25
6/30/2008 18:35	2.6	0.25
6/30/2008 18:40	2.598	0.25
6/30/2008 18:45	2.597	0.25
6/30/2008 18:50	2.597	0.23
6/30/2008 18:55	2.597	0.23
6/30/2008 19:00	2.596	0.23
6/30/2008 19:05	2.595	0.23
6/30/2008 19:10	2.595	0.23
6/30/2008 19:15	2.595	0.27
6/30/2008 19:20	2.594	-0.61
6/30/2008 19:25	2.594	0.43
6/30/2008 19:30	2.593	0.43
6/30/2008 19:35	2.592	0.43
6/30/2008 19:40	2.592	0.43
6/30/2008 19:45	2.592	0.43
6/30/2008 19:50	2.591	0.43
6/30/2008 19:55	2.591	0.3
6/30/2008 20:00	2.59	0.3
6/30/2008 20:05	2.59	0.3
6/30/2008 20:10	2.589	0.3
6/30/2008 20:15	2.588	0.3
6/30/2008 20:20	2.588	0.3

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 20:25	2.588	0.3
6/30/2008 20:30	2.587	0.3
6/30/2008 20:35	2.586	0.3
6/30/2008 20:40	2.586	0.3
6/30/2008 20:45	2.586	0.3
6/30/2008 20:50	2.585	0.27
6/30/2008 20:55	2.584	0.27
6/30/2008 21:00	2.584	0.27
6/30/2008 21:05	2.584	0.27
6/30/2008 21:10	2.583	0.27
6/30/2008 21:15	2.583	0.27
6/30/2008 21:20	2.583	0.27
6/30/2008 21:25	2.582	0.27
6/30/2008 21:30	2.581	0.27
6/30/2008 21:35	2.58	0.27
6/30/2008 21:40	2.58	0.27
6/30/2008 21:45	2.579	0.27
6/30/2008 21:50	2.579	0.27
6/30/2008 21:55	2.578	0.27
6/30/2008 22:00	2.577	0.27
6/30/2008 22:05	2.576	0.27
6/30/2008 22:10	2.576	0.27
6/30/2008 22:15	2.575	0.27
6/30/2008 22:20	2.575	0.27
6/30/2008 22:25	2.574	0.27
6/30/2008 22:30	2.573	0.27
6/30/2008 22:35	2.573	0.27
6/30/2008 22:40	2.572	0.27
6/30/2008 22:45	2.572	0.25
6/30/2008 22:50	2.571	0.25
6/30/2008 22:55	2.57	0.25
6/30/2008 23:00	2.57	0.25
6/30/2008 23:05	2.568	0.25
6/30/2008 23:10	2.568	0.25
6/30/2008 23:15	2.567	0.25
6/30/2008 23:20	2.567	0.24
6/30/2008 23:25	2.566	0.24
6/30/2008 23:30	2.565	0.24
6/30/2008 23:35	2.565	0.24
6/30/2008 23:40	2.564	0.24
6/30/2008 23:45	2.564	0.24
6/30/2008 23:50	2.563	0.24
6/30/2008 23:55	2.563	0.24
7/1/2008 0:00	2.562	0.24

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 0:05	2.562	0.24
7/1/2008 0:10	2.562	0.24
7/1/2008 0:15	2.561	0.24
7/1/2008 0:20	2.561	0.25
7/1/2008 0:25	2.56	0.25
7/1/2008 0:30	2.56	0.25
7/1/2008 0:35	2.559	0.25
7/1/2008 0:40	2.559	0.25
7/1/2008 0:45	2.558	0.25
7/1/2008 0:50	2.558	0.25
7/1/2008 0:55	2.557	0.24
7/1/2008 1:00	2.557	0.24
7/1/2008 1:05	2.556	0.24
7/1/2008 1:10	2.556	0.25
7/1/2008 1:15	2.555	0.25
7/1/2008 1:20	2.554	0.25
7/1/2008 1:25	2.554	0.25
7/1/2008 1:30	2.554	0.25
7/1/2008 1:35	2.554	0.25
7/1/2008 1:40	2.553	0.25
7/1/2008 1:45	2.552	0.24
7/1/2008 1:50	2.552	0.24
7/1/2008 1:55	2.551	0.24
7/1/2008 2:00	2.551	0.24
7/1/2008 2:05	2.551	0.24
7/1/2008 2:10	2.55	0.25
7/1/2008 2:15	2.55	0.25
7/1/2008 2:20	2.55	0.25
7/1/2008 2:25	2.549	0.23
7/1/2008 2:30	2.549	0.23
7/1/2008 2:35	2.548	0.23
7/1/2008 2:40	2.548	0.25
7/1/2008 2:45	2.548	0.25
7/1/2008 2:50	2.547	0.25
7/1/2008 2:55	2.548	0.25
7/1/2008 3:00	2.548	0.25
7/1/2008 3:05	2.549	0.28
7/1/2008 3:10	2.548	0.4
7/1/2008 3:15	2.547	0.4
7/1/2008 3:20	2.548	0.4
7/1/2008 3:25	2.548	0.4
7/1/2008 3:30	2.547	0.4
7/1/2008 3:35	2.548	0.24
7/1/2008 3:40	2.548	0.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 3:45	2.548	0.25
7/1/2008 3:50	2.548	0.25
7/1/2008 3:55	2.548	0.25
7/1/2008 4:00	2.548	0.25
7/1/2008 4:05	2.548	0.25
7/1/2008 4:10	2.547	0.25
7/1/2008 4:15	2.547	0.25
7/1/2008 4:20	2.547	0.25
7/1/2008 4:25	2.547	0.25
7/1/2008 4:30	2.547	0.25
7/1/2008 4:35	2.547	0.25
7/1/2008 4:40	2.547	0.25
7/1/2008 4:45	2.547	0.25
7/1/2008 4:50	2.547	0.25
7/1/2008 4:55	2.547	0.25
7/1/2008 5:00	2.547	0.25
7/1/2008 5:05	2.547	0.22
7/1/2008 5:10	2.547	0.22
7/1/2008 5:15	2.546	0.22
7/1/2008 5:20	2.546	0.22
7/1/2008 5:25	2.546	0.22
7/1/2008 5:30	2.546	0.22
7/1/2008 5:35	2.546	0.22
7/1/2008 5:40	2.546	0.22
7/1/2008 5:45	2.546	0.22
7/1/2008 5:50	2.545	0.23
7/1/2008 5:55	2.546	0.23
7/1/2008 6:00	2.546	0.23
7/1/2008 6:05	2.546	0.23
7/1/2008 6:10	2.546	0.23
7/1/2008 6:15	2.545	0.23
7/1/2008 6:20	2.545	0.23
7/1/2008 6:25	2.544	0.23
7/1/2008 6:30	2.545	0.23
7/1/2008 6:35	2.545	0.27
7/1/2008 6:40	2.544	0.27
7/1/2008 6:45	2.544	0.27
7/1/2008 6:50	2.544	0.27
7/1/2008 6:55	2.544	0.27
7/1/2008 7:00	2.544	0.22
7/1/2008 7:05	2.544	0.22
7/1/2008 7:10	2.544	0.22
7/1/2008 7:15	2.544	0.21
7/1/2008 7:20	2.544	0.21

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 7:25	2.544	0.21
7/1/2008 7:30	2.544	0.21
7/1/2008 7:35	2.544	0.21
7/1/2008 7:40	2.544	0.22
7/1/2008 7:45	2.544	0.22
7/1/2008 7:50	2.544	0.22
7/1/2008 7:55	2.544	0.22
7/1/2008 8:00	2.544	0.22
7/1/2008 8:05	2.544	0.2
7/1/2008 8:10	2.544	0.2
7/1/2008 8:15	2.543	0.21
7/1/2008 8:20	2.544	0.19
7/1/2008 8:25	2.544	0.19
7/1/2008 8:30	2.543	0.19
7/1/2008 8:35	2.545	0.19
7/1/2008 8:40	2.544	0.25
7/1/2008 8:45	2.544	0.25
7/1/2008 8:50	2.544	0.25
7/1/2008 8:55	2.545	0.22
7/1/2008 9:00	2.544	0.19
7/1/2008 9:05	2.544	0.22
7/1/2008 9:10	2.545	0.22
7/1/2008 9:15	2.544	0.25
7/1/2008 9:20	2.544	0.22
7/1/2008 9:25	2.544	0.22
7/1/2008 9:30	2.545	0.22
7/1/2008 9:35	2.544	0.22
7/1/2008 9:40	2.544	0.22
7/1/2008 9:45	2.545	0.22
7/1/2008 9:50	2.544	0.22
7/1/2008 9:55	2.544	0.22
7/1/2008 10:00	2.543	0.22
7/1/2008 10:05	2.543	0.22
7/1/2008 10:10	2.543	0.19
7/1/2008 10:15	2.541	0.22
7/1/2008 10:20	2.541	0.22
7/1/2008 10:25	2.541	0.18
7/1/2008 10:30	2.539	0.19
7/1/2008 10:35	2.538	0.19
7/1/2008 10:40	2.538	0.2
7/1/2008 10:45	2.538	0.16
7/1/2008 10:50	2.537	0.22
7/1/2008 10:55	2.537	0.22
7/1/2008 11:00	2.535	0.22

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 11:05	2.535	0.22
7/1/2008 11:10	2.534	0.22
7/1/2008 11:15	2.533	0.17
7/1/2008 11:20	2.532	0.17
7/1/2008 11:25	2.531	0.17
7/1/2008 11:30	2.531	0.2
7/1/2008 11:35	2.53	0.2
7/1/2008 11:40	2.53	0.2
7/1/2008 11:45	2.53	0.2
7/1/2008 11:50	2.528	0.2
7/1/2008 11:55	2.527	0.18
7/1/2008 12:00	2.527	0.18
7/1/2008 12:05	2.528	0.18
7/1/2008 12:10	2.526	0.18
7/1/2008 12:15	2.525	0.17
7/1/2008 12:20	2.526	0.15
7/1/2008 12:25	2.525	0.15
7/1/2008 12:30	2.524	0.15
7/1/2008 12:35	2.523	0.15
7/1/2008 12:40	2.522	0.15
7/1/2008 12:45	2.521	0.15
7/1/2008 12:50	2.521	0.15
7/1/2008 12:55	2.52	0.15
7/1/2008 13:00	2.519	0.15
7/1/2008 13:05	2.517	0.67
7/1/2008 13:10	2.516	0.67
7/1/2008 13:15	2.515	0.67
7/1/2008 13:20	2.515	0.67
7/1/2008 13:25	2.514	0.67
7/1/2008 13:30	2.513	0.67
7/1/2008 13:35	2.513	0.16
7/1/2008 13:40	2.512	0.15
7/1/2008 13:45	2.512	0.15
7/1/2008 13:50	2.509	0.15
7/1/2008 13:55	2.505	0.18
7/1/2008 14:00	2.504	0.18
7/1/2008 14:05	2.504	0.18
7/1/2008 14:10	2.505	0.18
7/1/2008 14:15	2.503	0.17
7/1/2008 14:20	2.502	0.17
7/1/2008 14:25	2.502	0.17
7/1/2008 14:30	2.503	0.17
7/1/2008 14:35	2.501	0.17
7/1/2008 14:40	2.501	0.17

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 14:45	2.5	0.17
7/1/2008 14:50	2.5	0.17
7/1/2008 14:55	2.5	0.17
7/1/2008 15:00	2.499	0.17
7/1/2008 15:05	2.498	0.17
7/1/2008 15:10	2.498	0.17
7/1/2008 15:15	2.498	0.17
7/1/2008 15:20	2.497	0.17
7/1/2008 15:25	2.498	0.17
7/1/2008 15:30	2.497	0.16
7/1/2008 15:35	2.498	0.4
7/1/2008 15:40	2.497	0.4
7/1/2008 15:45	2.497	0.19
7/1/2008 15:50	2.498	0.3
7/1/2008 15:55	2.497	0.3
7/1/2008 16:00	2.496	0.17
7/1/2008 16:05	2.496	0.17
7/1/2008 16:10	2.496	0.17
7/1/2008 16:15	2.495	0.17
7/1/2008 16:20	2.495	0.38
7/1/2008 16:25	2.495	0.16
7/1/2008 16:30	2.495	0.16
7/1/2008 16:35	2.495	0.16
7/1/2008 16:40	2.494	0.16
7/1/2008 16:45	2.494	0.16
7/1/2008 16:50	2.486	0.16
7/1/2008 16:55	2.484	0.16
7/1/2008 17:00	2.482	0.16
7/1/2008 17:05	2.481	0.16
7/1/2008 17:10	2.483	0.16
7/1/2008 17:15	2.483	0.16
7/1/2008 17:20	2.483	0.16
7/1/2008 17:25	2.483	0.16
7/1/2008 17:30	2.483	0.16
7/1/2008 17:35	2.482	0.16
7/1/2008 17:40	2.482	0.16
7/1/2008 17:45	2.482	0.16
7/1/2008 17:50	2.482	0.16
7/1/2008 17:55	2.481	0.18
7/1/2008 18:00	2.481	0.18
7/1/2008 18:05	2.481	0.18
7/1/2008 18:10	2.481	0.18
7/1/2008 18:15	2.481	0.18
7/1/2008 18:20	2.481	0.5

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 18:25	2.48	0.5
7/1/2008 18:30	2.481	0.5
7/1/2008 18:35	2.48	0.5
7/1/2008 18:40	2.48	0.5
7/1/2008 18:45	2.48	0.5
7/1/2008 18:50	2.48	0.5
7/1/2008 18:55	2.48	0.5
7/1/2008 19:00	2.48	0.5
7/1/2008 19:05	2.479	0.5
7/1/2008 19:10	2.479	0.5
7/1/2008 19:15	2.479	0.5
7/1/2008 19:20	2.479	0.5
7/1/2008 19:25	2.478	0.5
7/1/2008 19:30	2.479	0.5
7/1/2008 19:35	2.479	0.5
7/1/2008 19:40	2.478	8.12
7/1/2008 19:45	2.478	8.12
7/1/2008 19:50	2.478	8.12
7/1/2008 19:55	2.478	8.12
7/1/2008 20:00	2.477	10.13
7/1/2008 20:05	2.476	10.13
7/1/2008 20:10	2.477	10.13
7/1/2008 20:15	2.476	10.13
7/1/2008 20:20	2.476	10.13
7/1/2008 20:25	2.476	10.13
7/1/2008 20:30	2.475	10.13
7/1/2008 20:35	2.475	10.13
7/1/2008 20:40	2.475	10.13
7/1/2008 20:45	2.474	10.13
7/1/2008 20:50	2.474	10.13
7/1/2008 20:55	2.474	10.13
7/1/2008 21:00	2.474	10.13
7/1/2008 21:05	2.474	10.13
7/1/2008 21:10	2.473	10.13
7/1/2008 21:15	2.474	0.18
7/1/2008 21:20	2.473	0.18
7/1/2008 21:25	2.473	0.18
7/1/2008 21:30	2.472	0.21
7/1/2008 21:35	2.472	0.21
7/1/2008 21:40	2.471	0.21
7/1/2008 21:45	2.471	0.21
7/1/2008 21:50	2.471	0.21
7/1/2008 21:55	2.47	0.21
7/1/2008 22:00	2.47	0.21

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 22:05	2.469	0.21
7/1/2008 22:10	2.468	0.21
7/1/2008 22:15	2.468	0.21
7/1/2008 22:20	2.467	0.21
7/1/2008 22:25	2.467	0.21
7/1/2008 22:30	2.467	0.21
7/1/2008 22:35	2.467	0.21
7/1/2008 22:40	2.466	0.21
7/1/2008 22:45	2.466	0.21
7/1/2008 22:50	2.465	0.21
7/1/2008 22:55	2.465	0.21
7/1/2008 23:00	2.465	0.21
7/1/2008 23:05	2.465	0.5
7/1/2008 23:10	2.464	0.5
7/1/2008 23:15	2.464	0.5
7/1/2008 23:20	2.464	0.5
7/1/2008 23:25	2.463	0.5
7/1/2008 23:30	2.463	1.31
7/1/2008 23:35	2.462	1.31
7/1/2008 23:40	2.462	0.19
7/1/2008 23:45	2.462	0.19
7/1/2008 23:50	2.461	0.19
7/1/2008 23:55	2.461	0.19
7/2/2008 0:00	2.46	0.19
7/2/2008 0:05	2.46	0.19
7/2/2008 0:10	2.46	0.19
7/2/2008 0:15	2.46	0.19
7/2/2008 0:20	2.46	0.19
7/2/2008 0:25	2.459	0.19
7/2/2008 0:30	2.459	0.19
7/2/2008 0:35	2.458	0.19
7/2/2008 0:40	2.458	0.57
7/2/2008 0:45	2.457	0.57
7/2/2008 0:50	2.457	0.57
7/2/2008 0:55	2.457	0.57
7/2/2008 1:00	2.456	0.57
7/2/2008 1:05	2.456	0.57
7/2/2008 1:10	2.456	0.57
7/2/2008 1:15	2.456	0.57
7/2/2008 1:20	2.455	0.57
7/2/2008 1:25	2.455	0.57
7/2/2008 1:30	2.455	0.57
7/2/2008 1:35	2.454	0.57
7/2/2008 1:40	2.454	0.57

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 1:45	2.454	0.57
7/2/2008 1:50	2.454	0.57
7/2/2008 1:55	2.453	0.57
7/2/2008 2:00	2.453	0.57
7/2/2008 2:05	2.453	0.57
7/2/2008 2:10	2.452	0.57
7/2/2008 2:15	2.452	0.57
7/2/2008 2:20	2.452	0.57
7/2/2008 2:25	2.452	0.57
7/2/2008 2:30	2.451	0.57
7/2/2008 2:35	2.451	0.57
7/2/2008 2:40	2.451	0.57
7/2/2008 2:45	2.451	0.57
7/2/2008 2:50	2.451	0.57
7/2/2008 2:55	2.451	0.57
7/2/2008 3:00	2.451	0.57
7/2/2008 3:05	2.452	0.2
7/2/2008 3:10	2.452	0.2
7/2/2008 3:15	2.452	0.2
7/2/2008 3:20	2.452	0.2
7/2/2008 3:25	2.452	0.2
7/2/2008 3:30	2.452	0.2
7/2/2008 3:35	2.453	0.2
7/2/2008 3:40	2.452	0.2
7/2/2008 3:45	2.453	0.2
7/2/2008 3:50	2.453	0.2
7/2/2008 3:55	2.453	0.17
7/2/2008 4:00	2.453	0.17
7/2/2008 4:05	2.453	0.17
7/2/2008 4:10	2.453	0.17
7/2/2008 4:15	2.453	0.17
7/2/2008 4:20	2.453	0.17
7/2/2008 4:25	2.453	0.17
7/2/2008 4:30	2.454	0.17
7/2/2008 4:35	2.454	0.17
7/2/2008 4:40	2.454	0.17
7/2/2008 4:45	2.454	0.17
7/2/2008 4:50	2.454	0.17
7/2/2008 4:55	2.454	0.17
7/2/2008 5:00	2.454	0.17
7/2/2008 5:05	2.455	0.17
7/2/2008 5:10	2.455	0.17
7/2/2008 5:15	2.455	0.17
7/2/2008 5:20	2.455	0.17

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 5:25	2.455	0.17
7/2/2008 5:30	2.455	0.17
7/2/2008 5:35	2.456	0.17
7/2/2008 5:40	2.456	0.17
7/2/2008 5:45	2.456	0.17
7/2/2008 5:50	2.456	0.17
7/2/2008 5:55	2.456	0.17
7/2/2008 6:00	2.457	0.17
7/2/2008 6:05	2.457	0.17
7/2/2008 6:10	2.457	0.17
7/2/2008 6:15	2.457	0.17
7/2/2008 6:20	2.457	0.17
7/2/2008 6:25	2.458	0.17
7/2/2008 6:30	2.458	0.17
7/2/2008 6:35	2.458	0.17
7/2/2008 6:40	2.458	0.17
7/2/2008 6:45	2.459	0.17
7/2/2008 6:50	2.459	0.17
7/2/2008 6:55	2.459	0.17
7/2/2008 7:00	2.459	0.17
7/2/2008 7:05	2.458	0.17
7/2/2008 7:10	2.459	0.17
7/2/2008 7:15	2.459	0.17
7/2/2008 7:20	2.459	0.17
7/2/2008 7:25	2.459	0.17
7/2/2008 7:30	2.46	0.17
7/2/2008 7:35	2.46	0.17
7/2/2008 7:40	2.46	0.17
7/2/2008 7:45	2.461	0.17
7/2/2008 7:50	2.461	0.17
7/2/2008 7:55	2.461	0.17
7/2/2008 8:00	2.462	0.17
7/2/2008 8:05	2.462	0.17
7/2/2008 8:10	2.462	0.17
7/2/2008 8:15	2.463	0.17
7/2/2008 8:20	2.463	0.16
7/2/2008 8:25	2.463	0.16
7/2/2008 8:30	2.464	0.16
7/2/2008 8:35	2.464	0.16
7/2/2008 8:40	2.464	0.23
7/2/2008 8:45	2.465	0.23
7/2/2008 8:50	2.465	0.2
7/2/2008 8:55	2.465	0.2
7/2/2008 9:00	2.466	0.2

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 9:05	2.466	0.2
7/2/2008 9:10	2.465	0.2
7/2/2008 9:15	2.465	0.2
7/2/2008 9:20	2.464	0.2
7/2/2008 9:25	2.464	0.16
7/2/2008 9:30	2.464	0.16
7/2/2008 9:35	2.464	0.16
7/2/2008 9:40	2.465	0.16
7/2/2008 9:45	2.464	0.16
7/2/2008 9:50	2.465	0.16
7/2/2008 9:55	2.465	0.17
7/2/2008 10:00	2.465	0.17
7/2/2008 10:05	2.466	0.17
7/2/2008 10:10	2.466	0.17
7/2/2008 10:15	2.466	0.17
7/2/2008 10:20	2.46	0.17
7/2/2008 10:25	2.459	0.17
7/2/2008 10:30	2.458	0.17
7/2/2008 10:35	2.458	0.17
7/2/2008 10:40	2.457	0.17
7/2/2008 10:45	2.458	0.17
7/2/2008 10:50	2.451	0.17
7/2/2008 10:55	2.451	0.17
7/2/2008 11:00	2.45	0.17
7/2/2008 11:05	2.45	0.17
7/2/2008 11:10	2.449	0.17
7/2/2008 11:15	2.45	0.17
7/2/2008 11:20	2.452	0.17
7/2/2008 11:25	2.453	0.18
7/2/2008 11:30	2.453	0.18
7/2/2008 11:35	2.454	0.18
7/2/2008 11:40	2.454	0.18
7/2/2008 11:45	2.453	0.18
7/2/2008 11:50	2.453	0.15
7/2/2008 11:55	2.455	0.15
7/2/2008 12:00	2.454	0.15
7/2/2008 12:05	2.455	0.15
7/2/2008 12:10	2.454	0.15
7/2/2008 12:15	2.454	0.15
7/2/2008 12:20	2.454	0.15
7/2/2008 12:25	2.453	0.16
7/2/2008 12:30	2.453	0.27
7/2/2008 12:35	2.452	0.27
7/2/2008 12:40	2.453	0.15

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 12:45	2.454	0.15
7/2/2008 12:50	2.453	0.15
7/2/2008 12:55	2.453	0.15
7/2/2008 13:00	2.454	0.15
7/2/2008 13:05	2.453	0.15
7/2/2008 13:10	2.451	0.15
7/2/2008 13:15	2.453	0.15
7/2/2008 13:20	2.451	0.15
7/2/2008 13:25	2.451	0.15
7/2/2008 13:30	2.451	0.15
7/2/2008 13:35	2.451	0.16
7/2/2008 13:40	2.451	0.16
7/2/2008 13:45	2.451	0.16
7/2/2008 13:50	2.451	0.16
7/2/2008 13:55	2.45	0.16
7/2/2008 14:00	2.451	0.21
7/2/2008 14:05	2.451	0.21
7/2/2008 14:10	2.452	0.21
7/2/2008 14:15	2.45	0.21
7/2/2008 14:20	2.45	0.21
7/2/2008 14:25	2.45	0.21
7/2/2008 14:30	2.448	0.21
7/2/2008 14:35	2.448	0.21
7/2/2008 14:40	2.449	0.21
7/2/2008 14:45	2.447	0.21
7/2/2008 14:50	2.447	0.21
7/2/2008 14:55	2.448	0.21
7/2/2008 15:00	2.449	0.21
7/2/2008 15:05	2.447	0.21
7/2/2008 15:10	2.448	0.21
7/2/2008 15:15	2.447	0.21
7/2/2008 15:20	2.447	0.22
7/2/2008 15:25	2.447	0.22
7/2/2008 15:30	2.445	0.22
7/2/2008 15:35	2.445	0.22
7/2/2008 15:40	2.445	0.22
7/2/2008 15:45	2.444	0.22
7/2/2008 15:50	2.444	0.22
7/2/2008 15:55	2.443	0.22
7/2/2008 16:00	2.442	0.22
7/2/2008 16:05	2.441	0.16
7/2/2008 16:10	2.44	0.16
7/2/2008 16:15	2.439	0.16
7/2/2008 16:20	2.438	0.16

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 16:25	2.437	0.16
7/2/2008 16:30	2.437	0.16
7/2/2008 16:35	2.439	0.16
7/2/2008 16:40	2.437	0.16
7/2/2008 16:45	2.437	0.16
7/2/2008 16:50	2.437	0.16
7/2/2008 16:55	2.437	0.16
7/2/2008 17:00	2.437	0.16
7/2/2008 17:05	2.437	0.16
7/2/2008 17:10	2.437	0.16
7/2/2008 17:15	2.436	0.14
7/2/2008 17:20	2.436	0.14
7/2/2008 17:25	2.436	0.14
7/2/2008 17:30	2.436	0.14
7/2/2008 17:35	2.437	0.14
7/2/2008 17:40	2.436	0.14
7/2/2008 17:45	2.437	0.14
7/2/2008 17:50	2.436	0.14
7/2/2008 17:55	2.436	0.14
7/2/2008 18:00	2.435	0.14
7/2/2008 18:05	2.437	0.14
7/2/2008 18:10	2.435	0.14
7/2/2008 18:15	2.437	0.14
7/2/2008 18:20	2.436	0.14
7/2/2008 18:25	2.435	0.14
7/2/2008 18:30	2.435	0.14
7/2/2008 18:35	2.434	0.14
7/2/2008 18:40	2.434	0.14
7/2/2008 18:45	2.433	0.14
7/2/2008 18:50	2.434	0.14
7/2/2008 18:55	2.434	0.14
7/2/2008 19:00	2.434	0.14
7/2/2008 19:05	2.433	0.14
7/2/2008 19:10	2.434	0.14
7/2/2008 19:15	2.434	0.14
7/2/2008 19:20	2.434	0.14
7/2/2008 19:25	2.434	0.14
7/2/2008 19:30	2.433	0.14
7/2/2008 19:35	2.433	0.14
7/2/2008 19:40	2.434	0.14
7/2/2008 19:45	2.433	0.14
7/2/2008 19:50	2.433	0.19
7/2/2008 19:55	2.433	0.19
7/2/2008 20:00	2.433	0.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 20:05	2.433	0.19
7/2/2008 20:10	2.433	0.19
7/2/2008 20:15	2.432	11.74
7/2/2008 20:20	2.432	11.74
7/2/2008 20:25	2.432	11.74
7/2/2008 20:30	2.432	11.74
7/2/2008 20:35	2.433	11.74
7/2/2008 20:40	2.432	11.74
7/2/2008 20:45	2.433	11.74
7/2/2008 20:50	2.432	11.74
7/2/2008 20:55	2.433	10.94
7/2/2008 21:00	2.433	10.94
7/2/2008 21:05	2.432	10.94
7/2/2008 21:10	2.432	10.94
7/2/2008 21:15	2.432	10.94
7/2/2008 21:20	2.432	10.94
7/2/2008 21:25	2.432	10.94
7/2/2008 21:30	2.432	10.94
7/2/2008 21:35	2.432	10.69
7/2/2008 21:40	2.432	10.69
7/2/2008 21:45	2.432	10.69
7/2/2008 21:50	2.432	10.69
7/2/2008 21:55	2.432	10.69
7/2/2008 22:00	2.431	10.69
7/2/2008 22:05	2.431	10.69
7/2/2008 22:10	2.431	10.69
7/2/2008 22:15	2.431	10.69
7/2/2008 22:20	2.431	1.13
7/2/2008 22:25	2.43	1.13
7/2/2008 22:30	2.431	1.13
7/2/2008 22:35	2.431	1.13
7/2/2008 22:40	2.431	13.37
7/2/2008 22:45	2.431	13.37
7/2/2008 22:50	2.43	13.37
7/2/2008 22:55	2.43	13.37
7/2/2008 23:00	2.43	12.7
7/2/2008 23:05	2.43	13.96
7/2/2008 23:10	2.429	0.19
7/2/2008 23:15	2.429	0.19
7/2/2008 23:20	2.429	0.19
7/2/2008 23:25	2.429	0.22
7/2/2008 23:30	2.429	0.22
7/2/2008 23:35	2.429	0.22
7/2/2008 23:40	2.428	0.21

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 23:45	2.429	0.21
7/2/2008 23:50	2.429	0.21
7/2/2008 23:55	2.429	0.21
7/3/2008 0:00	2.429	0.18
7/3/2008 0:05	2.428	0.18
7/3/2008 0:10	2.428	14.39
7/3/2008 0:15	2.428	14.39
7/3/2008 0:20	2.428	14.39
7/3/2008 0:25	2.428	14.39
7/3/2008 0:30	2.428	12.1
7/3/2008 0:35	2.427	12.1
7/3/2008 0:40	2.427	12.1
7/3/2008 0:45	2.427	12.1
7/3/2008 0:50	2.427	13.33
7/3/2008 0:55	2.427	13.33
7/3/2008 1:00	2.427	13.99
7/3/2008 1:05	2.427	13.99
7/3/2008 1:10	2.427	12.62
7/3/2008 1:15	2.427	13.84
7/3/2008 1:20	2.426	13.2
7/3/2008 1:25	2.426	14.12
7/3/2008 1:30	2.426	14.12
7/3/2008 1:35	2.426	14.12
7/3/2008 1:40	2.426	13.55
7/3/2008 1:45	2.426	14.26
7/3/2008 1:50	2.426	14.26
7/3/2008 1:55	2.426	14.26
7/3/2008 2:00	2.425	14.26
7/3/2008 2:05	2.426	14.26
7/3/2008 2:10	2.426	14.26
7/3/2008 2:15	2.425	14.26
7/3/2008 2:20	2.426	14.26
7/3/2008 2:25	2.426	14.26
7/3/2008 2:30	2.425	14.26
7/3/2008 2:35	2.425	14.26
7/3/2008 2:40	2.425	14.26
7/3/2008 2:45	2.425	14.26
7/3/2008 2:50	2.425	14.26
7/3/2008 2:55	2.425	14.26
7/3/2008 3:00	2.426	14.26
7/3/2008 3:05	2.425	14.26
7/3/2008 3:10	2.425	14.26
7/3/2008 3:15	2.425	14.26
7/3/2008 3:20	2.425	12.98

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 3:25	2.425	11.7
7/3/2008 3:30	2.425	9.17
7/3/2008 3:35	2.425	7.96
7/3/2008 3:40	2.425	9.79
7/3/2008 3:45	2.425	9.79
7/3/2008 3:50	2.425	9.79
7/3/2008 3:55	2.426	12.37
7/3/2008 4:00	2.425	13.46
7/3/2008 4:05	2.425	13.46
7/3/2008 4:10	2.426	13.46
7/3/2008 4:15	2.426	13.46
7/3/2008 4:20	2.425	13.46
7/3/2008 4:25	2.425	13.46
7/3/2008 4:30	2.426	13.46
7/3/2008 4:35	2.426	13.46
7/3/2008 4:40	2.426	13.46
7/3/2008 4:45	2.426	13.46
7/3/2008 4:50	2.426	13.46
7/3/2008 4:55	2.426	8.9
7/3/2008 5:00	2.426	8.9
7/3/2008 5:05	2.426	8.9
7/3/2008 5:10	2.425	8.9
7/3/2008 5:15	2.426	8.9
7/3/2008 5:20	2.425	8.9
7/3/2008 5:25	2.425	8.9
7/3/2008 5:30	2.426	8.9
7/3/2008 5:35	2.426	8.9
7/3/2008 5:40	2.425	8.9
7/3/2008 5:45	2.426	8.9
7/3/2008 5:50	2.425	8.9
7/3/2008 5:55	2.425	8.9
7/3/2008 6:00	2.425	0.28
7/3/2008 6:05	2.425	0.28
7/3/2008 6:10	2.425	0.28
7/3/2008 6:15	2.425	0.28
7/3/2008 6:20	2.426	0.28
7/3/2008 6:25	2.425	0.28
7/3/2008 6:30	2.425	0.28
7/3/2008 6:35	2.425	0.28
7/3/2008 6:40	2.426	0.28
7/3/2008 6:45	2.426	0.28
7/3/2008 6:50	2.426	0.28
7/3/2008 6:55	2.425	0.28
7/3/2008 7:00	2.425	0.28

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 7:05	2.426	0.28
7/3/2008 7:10	2.425	0.28
7/3/2008 7:15	2.426	0.28
7/3/2008 7:20	2.426	0.28
7/3/2008 7:25	2.426	13.88
7/3/2008 7:30	2.425	13.88
7/3/2008 7:35	2.426	12.61
7/3/2008 7:40	2.426	12.61
7/3/2008 7:45	2.426	12.61
7/3/2008 7:50	2.426	12.85
7/3/2008 7:55	2.426	9.73
7/3/2008 8:00	2.427	9.73
7/3/2008 8:05	2.426	9.73
7/3/2008 8:10	2.427	9.73
7/3/2008 8:15	2.427	0.16
7/3/2008 8:20	2.427	0.16
7/3/2008 8:25	2.428	0.16
7/3/2008 8:30	2.427	0.16
7/3/2008 8:35	2.428	0.16
7/3/2008 8:40	2.428	0.16
7/3/2008 8:45	2.428	0.16
7/3/2008 8:50	2.429	0.16
7/3/2008 8:55	2.429	0.16
7/3/2008 9:00	2.429	0.18
7/3/2008 9:05	2.428	0.18
7/3/2008 9:10	2.428	0.18
7/3/2008 9:15	2.428	0.18
7/3/2008 9:20	2.427	0.16
7/3/2008 9:25	2.428	0.16
7/3/2008 9:30	2.428	0.16
7/3/2008 9:35	2.43	0.16
7/3/2008 9:40	2.429	0.16
7/3/2008 9:45	2.429	0.16
7/3/2008 9:50	2.429	0.16
7/3/2008 9:55	2.43	0.16
7/3/2008 10:00	2.43	0.16
7/3/2008 10:05	2.428	0.14
7/3/2008 10:10	2.429	0.14
7/3/2008 10:15	2.43	0.14
7/3/2008 10:20	2.43	0.14
7/3/2008 10:25	2.431	0.14
7/3/2008 10:30	2.431	0.14
7/3/2008 10:35	2.43	1.13
7/3/2008 10:40	2.432	1.13

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 10:45	2.431	1.13
7/3/2008 10:50	2.425	1.13
7/3/2008 10:55	2.424	1.13
7/3/2008 11:00	2.425	1.13
7/3/2008 11:05	2.424	1.13
7/3/2008 11:10	2.424	1.13
7/3/2008 11:15	2.425	1.13
7/3/2008 11:20	2.425	1.13
7/3/2008 11:25	2.425	1.2
7/3/2008 11:30	2.425	1.2
7/3/2008 11:35	2.425	1.11
7/3/2008 11:40	2.425	1.11
7/3/2008 11:45	2.425	1.11
7/3/2008 11:50	2.425	1.11
7/3/2008 11:55	2.424	1.11
7/3/2008 12:00	2.425	1.11
7/3/2008 12:05	2.426	1.11
7/3/2008 12:10	2.426	1.11
7/3/2008 12:15	2.426	1.11
7/3/2008 12:20	2.425	1.11
7/3/2008 12:25	2.426	1.11
7/3/2008 12:30	2.427	1.11
7/3/2008 12:35	2.427	1.11
7/3/2008 12:40	2.426	1.11
7/3/2008 12:45	2.427	0.17
7/3/2008 12:50	2.426	0.17
7/3/2008 12:55	2.427	0.17
7/3/2008 13:00	2.426	0.17
7/3/2008 13:05	2.426	0.17
7/3/2008 13:10	2.426	0.17
7/3/2008 13:15	2.427	0.17
7/3/2008 13:20	2.427	0.44
7/3/2008 13:25	2.427	0.44
7/3/2008 13:30	2.426	0.44
7/3/2008 13:35	2.428	0.44
7/3/2008 13:40	2.427	0.44
7/3/2008 13:45	2.427	0.44
7/3/2008 13:50	2.427	0.44
7/3/2008 13:55	2.427	0.44
7/3/2008 14:00	2.427	0.44
7/3/2008 14:05	2.428	0.44
7/3/2008 14:10	2.428	0.44
7/3/2008 14:15	2.428	0.15
7/3/2008 14:20	2.428	0.15

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 14:25	2.427	0.15
7/3/2008 14:30	2.428	0.15
7/3/2008 14:35	2.429	0.15
7/3/2008 14:40	2.428	0.15
7/3/2008 14:45	2.428	0.15
7/3/2008 14:50	2.427	0.15
7/3/2008 14:55	2.429	0.15
7/3/2008 15:00	2.428	0.14
7/3/2008 15:05	2.428	0.14
7/3/2008 15:10	2.429	0.14
7/3/2008 15:15	2.429	0.14
7/3/2008 15:20	2.429	0.14
7/3/2008 15:25	2.429	0.13
7/3/2008 15:30	2.429	0.13
7/3/2008 15:35	2.43	0.26
7/3/2008 15:40	2.429	0.15
7/3/2008 15:45	2.413	0.15
7/3/2008 15:50	2.416	0.15
7/3/2008 15:55	2.416	0.15
7/3/2008 16:00	2.417	0.15
7/3/2008 16:05	2.417	0.15
7/3/2008 16:10	2.417	0.13
7/3/2008 16:15	2.418	0.13
7/3/2008 16:20	2.419	0.13
7/3/2008 16:25	2.421	0.13
7/3/2008 16:30	2.425	0.13
7/3/2008 16:35	2.427	0.13
7/3/2008 16:40	2.436	0.13
7/3/2008 16:45	2.451	0.13
7/3/2008 16:50	2.454	0.13
7/3/2008 16:55	2.45	0.13
7/3/2008 17:00	2.447	0.13
7/3/2008 17:05	2.442	0.37
7/3/2008 17:10	2.438	0.37
7/3/2008 17:15	2.437	0.37
7/3/2008 17:20	2.434	0.16
7/3/2008 17:25	2.432	0.16
7/3/2008 17:30	2.432	0.16
7/3/2008 17:35	2.431	0.16
7/3/2008 17:40	2.431	0.16
7/3/2008 17:45	2.43	0.16
7/3/2008 17:50	2.43	0.16
7/3/2008 17:55	2.431	0.16
7/3/2008 18:00	2.432	0.16

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 18:05	2.432	0.16
7/3/2008 18:10	2.434	0.16
7/3/2008 18:15	2.437	0.16
7/3/2008 18:20	2.444	0.16
7/3/2008 18:25	2.452	0.16
7/3/2008 18:30	2.461	0.16
7/3/2008 18:35	2.466	0.16
7/3/2008 18:40	2.465	0.16
7/3/2008 18:45	2.46	0.16
7/3/2008 18:50	2.457	0.16
7/3/2008 18:55	2.452	0.16
7/3/2008 19:00	2.45	0.16
7/3/2008 19:05	2.447	0.16
7/3/2008 19:10	2.446	0.16
7/3/2008 19:15	2.444	-0.14
7/3/2008 19:20	2.443	-0.14
7/3/2008 19:25	2.442	-0.14
7/3/2008 19:30	2.441	0.38
7/3/2008 19:35	2.441	0.38
7/3/2008 19:40	2.441	0.38
7/3/2008 19:45	2.441	0.38
7/3/2008 19:50	2.44	0.38
7/3/2008 19:55	2.441	0.38
7/3/2008 20:00	2.44	0.38
7/3/2008 20:05	2.44	0.38
7/3/2008 20:10	2.44	0.38
7/3/2008 20:15	2.441	1.21
7/3/2008 20:20	2.441	1.21
7/3/2008 20:25	2.441	1.21
7/3/2008 20:30	2.441	1.21
7/3/2008 20:35	2.441	1.21
7/3/2008 20:40	2.441	12.4
7/3/2008 20:45	2.441	12.4
7/3/2008 20:50	2.442	12.7
7/3/2008 20:55	2.442	12.7
7/3/2008 21:00	2.442	10.03
7/3/2008 21:05	2.442	10.03
7/3/2008 21:10	2.443	10.03
7/3/2008 21:15	2.442	10.03
7/3/2008 21:20	2.443	10.03
7/3/2008 21:25	2.443	10.03
7/3/2008 21:30	2.443	10.03
7/3/2008 21:35	2.443	10.03
7/3/2008 21:40	2.443	10.03

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 21:45	2.443	10.53
7/3/2008 21:50	2.443	10.53
7/3/2008 21:55	2.443	10.53
7/3/2008 22:00	2.444	10.53
7/3/2008 22:05	2.444	10.53
7/3/2008 22:10	2.444	10.53
7/3/2008 22:15	2.444	10.53
7/3/2008 22:20	2.445	10.53
7/3/2008 22:25	2.445	10.53
7/3/2008 22:30	2.445	10.53
7/3/2008 22:35	2.445	10.53
7/3/2008 22:40	2.445	10.53
7/3/2008 22:45	2.445	10.53
7/3/2008 22:50	2.445	10.53
7/3/2008 22:55	2.445	10.53
7/3/2008 23:00	2.445	10.53
7/3/2008 23:05	2.445	10.53
7/3/2008 23:10	2.445	10.53
7/3/2008 23:15	2.445	10.53
7/3/2008 23:20	2.445	10.53
7/3/2008 23:25	2.445	10.53
7/3/2008 23:30	2.445	10.53
7/3/2008 23:35	2.446	10.53
7/3/2008 23:40	2.446	10.53
7/3/2008 23:45	2.445	10.53
7/3/2008 23:50	2.446	10.53
7/3/2008 23:55	2.445	10.4
7/4/2008 0:00	2.445	10.4
7/4/2008 0:05	2.445	10.4
7/4/2008 0:10	2.445	10.4
7/4/2008 0:15	2.445	10.4
7/4/2008 0:20	2.445	10.4
7/4/2008 0:25	2.445	10.4
7/4/2008 0:30	2.445	10.4
7/4/2008 0:35	2.445	10.4
7/4/2008 0:40	2.445	8.34
7/4/2008 0:45	2.445	8.34
7/4/2008 0:50	2.445	8.34
7/4/2008 0:55	2.445	8.34
7/4/2008 1:00	2.445	8.34
7/4/2008 1:05	2.445	8.34
7/4/2008 1:10	2.446	8.34
7/4/2008 1:15	2.446	9.55
7/4/2008 1:20	2.446	9.55

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 1:25	2.446	9.55
7/4/2008 1:30	2.446	1.15
7/4/2008 1:35	2.446	1.15
7/4/2008 1:40	2.446	1.33
7/4/2008 1:45	2.446	1.33
7/4/2008 1:50	2.446	1.09
7/4/2008 1:55	2.446	1.09
7/4/2008 2:00	2.446	1.09
7/4/2008 2:05	2.446	1.09
7/4/2008 2:10	2.446	1.09
7/4/2008 2:15	2.447	1.09
7/4/2008 2:20	2.447	1.09
7/4/2008 2:25	2.447	1.09
7/4/2008 2:30	2.447	1.09
7/4/2008 2:35	2.447	1.09
7/4/2008 2:40	2.447	1.05
7/4/2008 2:45	2.447	1.2
7/4/2008 2:50	2.447	1.2
7/4/2008 2:55	2.447	1.2
7/4/2008 3:00	2.447	1.2
7/4/2008 3:05	2.447	1.2
7/4/2008 3:10	2.447	1.2
7/4/2008 3:15	2.447	1.2
7/4/2008 3:20	2.447	1.2
7/4/2008 3:25	2.447	1.2
7/4/2008 3:30	2.447	1.2
7/4/2008 3:35	2.447	1.2
7/4/2008 3:40	2.447	1.2
7/4/2008 3:45	2.447	1.2
7/4/2008 3:50	2.447	1.2
7/4/2008 3:55	2.447	1.2
7/4/2008 4:00	2.448	1.2
7/4/2008 4:05	2.448	1.2
7/4/2008 4:10	2.449	1.2
7/4/2008 4:15	2.449	1.2
7/4/2008 4:20	2.45	1.09
7/4/2008 4:25	2.45	1.22
7/4/2008 4:30	2.451	1.22
7/4/2008 4:35	2.451	1.22
7/4/2008 4:40	2.452	9.87
7/4/2008 4:45	2.453	13.72
7/4/2008 4:50	2.457	13.72
7/4/2008 4:55	2.472	13.72
7/4/2008 5:00	2.477	10.15

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 5:05	2.474	10.21
7/4/2008 5:10	2.47	12.54
7/4/2008 5:15	2.468	12.54
7/4/2008 5:20	2.465	12.54
7/4/2008 5:25	2.464	12.54
7/4/2008 5:30	2.462	12.54
7/4/2008 5:35	2.46	12.54
7/4/2008 5:40	2.46	12.54
7/4/2008 5:45	2.459	8.89
7/4/2008 5:50	2.459	8.89
7/4/2008 5:55	2.459	12.64
7/4/2008 6:00	2.458	14.03
7/4/2008 6:05	2.458	10.1
7/4/2008 6:10	2.458	10.1
7/4/2008 6:15	2.458	12.48
7/4/2008 6:20	2.457	1.04
7/4/2008 6:25	2.458	1.14
7/4/2008 6:30	2.457	13.8
7/4/2008 6:35	2.457	13.8
7/4/2008 6:40	2.458	11.17
7/4/2008 6:45	2.459	11.17
7/4/2008 6:50	2.459	10.96
7/4/2008 6:55	2.46	10.78
7/4/2008 7:00	2.459	10.78
7/4/2008 7:05	2.46	7.87
7/4/2008 7:10	2.46	7.87
7/4/2008 7:15	2.459	14.54
7/4/2008 7:20	2.46	14.54
7/4/2008 7:25	2.46	14.54
7/4/2008 7:30	2.46	14.54
7/4/2008 7:35	2.46	14.54
7/4/2008 7:40	2.46	14.54
7/4/2008 7:45	2.461	14.54
7/4/2008 7:50	2.46	14.54
7/4/2008 7:55	2.461	14.05
7/4/2008 8:00	2.461	14.05
7/4/2008 8:05	2.461	14.05
7/4/2008 8:10	2.461	14.05
7/4/2008 8:15	2.461	9.39
7/4/2008 8:20	2.461	10.35
7/4/2008 8:25	2.461	10.35
7/4/2008 8:30	2.461	10.35
7/4/2008 8:35	2.462	10.35
7/4/2008 8:40	2.462	10.35

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 8:45	2.462	10.35
7/4/2008 8:50	2.462	10.35
7/4/2008 8:55	2.462	10.35
7/4/2008 9:00	2.462	10.35
7/4/2008 9:05	2.462	10.35
7/4/2008 9:10	2.462	10.35
7/4/2008 9:15	2.463	10.35
7/4/2008 9:20	2.463	0.17
7/4/2008 9:25	2.463	0.16
7/4/2008 9:30	2.463	0.16
7/4/2008 9:35	2.463	0.16
7/4/2008 9:40	2.463	0.16
7/4/2008 9:45	2.463	0.13
7/4/2008 9:50	2.463	0.13
7/4/2008 9:55	2.463	0.13
7/4/2008 10:00	2.463	0.13
7/4/2008 10:05	2.464	0.13
7/4/2008 10:10	2.463	0.13
7/4/2008 10:15	2.464	0.13
7/4/2008 10:20	2.464	0.13
7/4/2008 10:25	2.464	0.13
7/4/2008 10:30	2.464	0.13
7/4/2008 10:35	2.465	0.13
7/4/2008 10:40	2.464	0.13
7/4/2008 10:45	2.465	0.13
7/4/2008 10:50	2.465	0.13
7/4/2008 10:55	2.465	0.13
7/4/2008 11:00	2.465	0.13
7/4/2008 11:05	2.465	0.13
7/4/2008 11:10	2.464	0.13
7/4/2008 11:15	2.464	0.13
7/4/2008 11:20	2.465	0.13
7/4/2008 11:25	2.466	0.13
7/4/2008 11:30	2.466	0.13
7/4/2008 11:35	2.466	0.13
7/4/2008 11:40	2.467	0.14
7/4/2008 11:45	2.467	0.14
7/4/2008 11:50	2.467	0.14
7/4/2008 11:55	2.467	0.14
7/4/2008 12:00	2.468	0.14
7/4/2008 12:05	2.468	0.14
7/4/2008 12:10	2.468	0.14
7/4/2008 12:15	2.468	0.14
7/4/2008 12:20	2.468	0.14

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 12:25	2.468	0.14
7/4/2008 12:30	2.468	0.14
7/4/2008 12:35	2.468	0.14
7/4/2008 12:40	2.468	0.14
7/4/2008 12:45	2.467	0.14
7/4/2008 12:50	2.467	0.14
7/4/2008 12:55	2.468	0.14
7/4/2008 13:00	2.467	0.14
7/4/2008 13:05	2.466	0.14
7/4/2008 13:10	2.466	0.14
7/4/2008 13:15	2.467	0.14
7/4/2008 13:20	2.467	0.14
7/4/2008 13:25	2.467	0.14
7/4/2008 13:30	2.466	0.14
7/4/2008 13:35	2.466	0.14
7/4/2008 13:40	2.465	0.14
7/4/2008 13:45	2.465	0.14
7/4/2008 13:50	2.466	0.14
7/4/2008 13:55	2.466	0.14
7/4/2008 14:00	2.465	0.14
7/4/2008 14:05	2.465	0.14
7/4/2008 14:10	2.465	0.2
7/4/2008 14:15	2.465	0.2
7/4/2008 14:20	2.466	0.2
7/4/2008 14:25	2.464	0.2
7/4/2008 14:30	2.464	0.2
7/4/2008 14:35	2.464	0.2
7/4/2008 14:40	2.464	0.2
7/4/2008 14:45	2.463	0.2
7/4/2008 14:50	2.463	0.2
7/4/2008 14:55	2.463	0.2
7/4/2008 15:00	2.463	0.2
7/4/2008 15:05	2.462	0.2
7/4/2008 15:10	2.462	0.2
7/4/2008 15:15	2.462	0.2
7/4/2008 15:20	2.462	0.2
7/4/2008 15:25	2.462	0.2
7/4/2008 15:30	2.461	0.2
7/4/2008 15:35	2.461	0.2
7/4/2008 15:40	2.461	0.2
7/4/2008 15:45	2.461	0.2
7/4/2008 15:50	2.46	0.25
7/4/2008 15:55	2.46	0.25
7/4/2008 16:00	2.46	0.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 16:05	2.459	0.25
7/4/2008 16:10	2.459	0.25
7/4/2008 16:15	2.459	0.25
7/4/2008 16:20	2.46	0.25
7/4/2008 16:25	2.458	0.25
7/4/2008 16:30	2.459	0.25
7/4/2008 16:35	2.459	0.25
7/4/2008 16:40	2.458	0.25
7/4/2008 16:45	2.458	0.25
7/4/2008 16:50	2.458	0.25
7/4/2008 16:55	2.458	0.25
7/4/2008 17:00	2.458	0.25
7/4/2008 17:05	2.458	0.25
7/4/2008 17:10	2.457	0.25
7/4/2008 17:15	2.457	0.25
7/4/2008 17:20	2.456	0.25
7/4/2008 17:25	2.456	0.25
7/4/2008 17:30	2.456	0.25
7/4/2008 17:35	2.455	0.25
7/4/2008 17:40	2.455	0.25
7/4/2008 17:45	2.455	0.25
7/4/2008 17:50	2.455	0.25
7/4/2008 17:55	2.454	0.25
7/4/2008 18:00	2.454	0.25
7/4/2008 18:05	2.453	0.25
7/4/2008 18:10	2.453	0.25
7/4/2008 18:15	2.453	0.25
7/4/2008 18:20	2.452	0.25
7/4/2008 18:25	2.452	0.25
7/4/2008 18:30	2.452	0.25
7/4/2008 18:35	2.452	0.25
7/4/2008 18:40	2.452	0.25
7/4/2008 18:45	2.451	0.25
7/4/2008 18:50	2.451	0.25
7/4/2008 18:55	2.45	0.25
7/4/2008 19:00	2.45	0.25
7/4/2008 19:05	2.45	0.25
7/4/2008 19:10	2.45	0.25
7/4/2008 19:15	2.449	0.25
7/4/2008 19:20	2.449	0.25
7/4/2008 19:25	2.447	0.25
7/4/2008 19:30	2.446	0.25
7/4/2008 19:35	2.446	0.25
7/4/2008 19:40	2.446	0.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 19:45	2.445	0.25
7/4/2008 19:50	2.445	0.25
7/4/2008 19:55	2.444	0.25
7/4/2008 20:00	2.444	0.25
7/4/2008 20:05	2.444	0.25
7/4/2008 20:10	2.444	0.25
7/4/2008 20:15	2.444	0.25
7/4/2008 20:20	2.444	0.25
7/4/2008 20:25	2.443	0.25
7/4/2008 20:30	2.444	0.25
7/4/2008 20:35	2.443	0.25
7/4/2008 20:40	2.443	0.25
7/4/2008 20:45	2.443	0.25
7/4/2008 20:50	2.443	0.25
7/4/2008 20:55	2.443	0.25
7/4/2008 21:00	2.443	0.25
7/4/2008 21:05	2.443	0.25
7/4/2008 21:10	2.442	0.25
7/4/2008 21:15	2.442	0.25
7/4/2008 21:20	2.442	0.25
7/4/2008 21:25	2.442	0.25
7/4/2008 21:30	2.442	0.25
7/4/2008 21:35	2.442	0.25
7/4/2008 21:40	2.441	0.25
7/4/2008 21:45	2.441	0.25
7/4/2008 21:50	2.441	0.25
7/4/2008 21:55	2.441	0.25
7/4/2008 22:00	2.441	0.25
7/4/2008 22:05	2.441	0.25
7/4/2008 22:10	2.441	0.25
7/4/2008 22:15	2.441	0.25
7/4/2008 22:20	2.44	0.25
7/4/2008 22:25	2.44	0.25
7/4/2008 22:30	2.44	0.25
7/4/2008 22:35	2.44	0.25
7/4/2008 22:40	2.44	0.25
7/4/2008 22:45	2.44	0.25
7/4/2008 22:50	2.44	0.25
7/4/2008 22:55	2.44	0.25
7/4/2008 23:00	2.44	0.25
7/4/2008 23:05	2.439	0.25
7/4/2008 23:10	2.439	0.25
7/4/2008 23:15	2.439	0.25
7/4/2008 23:20	2.439	0.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 23:25	2.439	0.25
7/4/2008 23:30	2.439	0.25
7/4/2008 23:35	2.438	0.25
7/4/2008 23:40	2.438	0.25
7/4/2008 23:45	2.438	0.25
7/4/2008 23:50	2.438	0.25
7/4/2008 23:55	2.438	0.25
7/5/2008 0:00	2.438	0.25
7/5/2008 0:05	2.437	0.25
7/5/2008 0:10	2.437	0.25
7/5/2008 0:15	2.437	0.25
7/5/2008 0:20	2.437	0.25
7/5/2008 0:25	2.436	0.25
7/5/2008 0:30	2.436	0.25
7/5/2008 0:35	2.436	0.25
7/5/2008 0:40	2.436	0.25
7/5/2008 0:45	2.435	0.25
7/5/2008 0:50	2.435	0.25
7/5/2008 0:55	2.435	0.25
7/5/2008 1:00	2.434	0.25
7/5/2008 1:05	2.434	0.25
7/5/2008 1:10	2.434	0.25
7/5/2008 1:15	2.434	0.25
7/5/2008 1:20	2.434	0.25
7/5/2008 1:25	2.434	0.25
7/5/2008 1:30	2.433	0.25
7/5/2008 1:35	2.433	8.88
7/5/2008 1:40	2.433	8.88
7/5/2008 1:45	2.432	8.88
7/5/2008 1:50	2.432	8.88
7/5/2008 1:55	2.432	8.88
7/5/2008 2:00	2.432	8.88
7/5/2008 2:05	2.432	8.88
7/5/2008 2:10	2.432	10.92
7/5/2008 2:15	2.432	10.92
7/5/2008 2:20	2.431	10.92
7/5/2008 2:25	2.431	10.92
7/5/2008 2:30	2.431	10.92
7/5/2008 2:35	2.431	10.92
7/5/2008 2:40	2.43	10.92
7/5/2008 2:45	2.43	10.92
7/5/2008 2:50	2.43	10.92
7/5/2008 2:55	2.43	10.92
7/5/2008 3:00	2.43	10.92

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 3:05	2.429	10.92
7/5/2008 3:10	2.429	10.92
7/5/2008 3:15	2.429	10.92
7/5/2008 3:20	2.429	10.92
7/5/2008 3:25	2.429	10.92
7/5/2008 3:30	2.429	10.92
7/5/2008 3:35	2.429	10.92
7/5/2008 3:40	2.428	10.92
7/5/2008 3:45	2.429	10.92
7/5/2008 3:50	2.429	1.11
7/5/2008 3:55	2.428	1.22
7/5/2008 4:00	2.428	1.22
7/5/2008 4:05	2.428	1.22
7/5/2008 4:10	2.428	11.01
7/5/2008 4:15	2.428	11.01
7/5/2008 4:20	2.428	11.01
7/5/2008 4:25	2.428	11.01
7/5/2008 4:30	2.428	11.01
7/5/2008 4:35	2.428	12.37
7/5/2008 4:40	2.428	10.39
7/5/2008 4:45	2.428	10.39
7/5/2008 4:50	2.428	10.39
7/5/2008 4:55	2.428	10.39
7/5/2008 5:00	2.428	10.39
7/5/2008 5:05	2.427	10.39
7/5/2008 5:10	2.427	10.39
7/5/2008 5:15	2.427	10.39
7/5/2008 5:20	2.427	10.39
7/5/2008 5:25	2.427	10.39
7/5/2008 5:30	2.427	10.39
7/5/2008 5:35	2.427	13.03
7/5/2008 5:40	2.427	14.97
7/5/2008 5:45	2.427	11.77
7/5/2008 5:50	2.427	12.05
7/5/2008 5:55	2.426	12.05
7/5/2008 6:00	2.426	12.16
7/5/2008 6:05	2.427	13.5
7/5/2008 6:10	2.427	13.5
7/5/2008 6:15	2.426	11
7/5/2008 6:20	2.426	11
7/5/2008 6:25	2.426	11
7/5/2008 6:30	2.426	11
7/5/2008 6:35	2.426	14.2
7/5/2008 6:40	2.426	12.64

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 6:45	2.426	11.99
7/5/2008 6:50	2.426	11.99
7/5/2008 6:55	2.425	11.99
7/5/2008 7:00	2.425	12.24
7/5/2008 7:05	2.425	14.09
7/5/2008 7:10	2.425	10
7/5/2008 7:15	2.425	10
7/5/2008 7:20	2.425	10
7/5/2008 7:25	2.425	10
7/5/2008 7:30	2.425	10
7/5/2008 7:35	2.425	10
7/5/2008 7:40	2.425	10
7/5/2008 7:45	2.425	10
7/5/2008 7:50	2.425	14.76
7/5/2008 7:55	2.425	14.76
7/5/2008 8:00	2.425	14.76
7/5/2008 8:05	2.425	14.08
7/5/2008 8:10	2.426	14.08
7/5/2008 8:15	2.426	14.08
7/5/2008 8:20	2.426	14.08
7/5/2008 8:25	2.426	14.08
7/5/2008 8:30	2.426	14.08
7/5/2008 8:35	2.426	10.51
7/5/2008 8:40	2.426	9.28
7/5/2008 8:45	2.426	0.14
7/5/2008 8:50	2.426	10.43
7/5/2008 8:55	2.426	11.94
7/5/2008 9:00	2.426	10.82
7/5/2008 9:05	2.426	10.49
7/5/2008 9:10	2.426	10.49
7/5/2008 9:15	2.426	10.49
7/5/2008 9:20	2.426	10.49
7/5/2008 9:25	2.426	10.49
7/5/2008 9:30	2.426	10.49
7/5/2008 9:35	2.426	12.55
7/5/2008 9:40	2.426	12.55
7/5/2008 9:45	2.425	12.55
7/5/2008 9:50	2.425	12.55
7/5/2008 9:55	2.426	11.52
7/5/2008 10:00	2.425	11.52
7/5/2008 10:05	2.426	12.41
7/5/2008 10:10	2.425	12.41
7/5/2008 10:15	2.426	12.97
7/5/2008 10:20	2.426	1.24

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 10:25	2.426	1.15
7/5/2008 10:30	2.425	1.15
7/5/2008 10:35	2.425	1.15
7/5/2008 10:40	2.426	1.15
7/5/2008 10:45	2.426	1.15
7/5/2008 10:50	2.426	1.02
7/5/2008 10:55	2.426	1.02
7/5/2008 11:00	2.426	1.02
7/5/2008 11:05	2.426	1.02
7/5/2008 11:10	2.426	1.02
7/5/2008 11:15	2.426	1.02
7/5/2008 11:20	2.426	1.02
7/5/2008 11:25	2.426	1.02
7/5/2008 11:30	2.426	1.02
7/5/2008 11:35	2.426	1.02
7/5/2008 11:40	2.426	1.02
7/5/2008 11:45	2.426	1.02
7/5/2008 11:50	2.426	1.02
7/5/2008 11:55	2.426	1.02
7/5/2008 12:00	2.426	1.02
7/5/2008 12:05	2.425	1.02
7/5/2008 12:10	2.425	1.02
7/5/2008 12:15	2.425	1.02
7/5/2008 12:20	2.426	1.02
7/5/2008 12:25	2.426	1.02
7/5/2008 12:30	2.426	1.02
7/5/2008 12:35	2.426	1.02
7/5/2008 12:40	2.426	1.02
7/5/2008 12:45	2.426	1.02
7/5/2008 12:50	2.426	1.02
7/5/2008 12:55	2.426	1.02
7/5/2008 13:00	2.426	1.02
7/5/2008 13:05	2.427	1.02
7/5/2008 13:10	2.427	1.02
7/5/2008 13:15	2.427	1.02
7/5/2008 13:20	2.427	1.02
7/5/2008 13:25	2.427	1.02
7/5/2008 13:30	2.426	1.02
7/5/2008 13:35	2.427	1.02
7/5/2008 13:40	2.427	1.02
7/5/2008 13:45	2.428	1.02
7/5/2008 13:50	2.429	1.02
7/5/2008 13:55	2.43	1.02
7/5/2008 14:00	2.431	1.02

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 14:05	2.433	1.02
7/5/2008 14:10	2.434	1.02
7/5/2008 14:15	2.434	1.02
7/5/2008 14:20	2.433	1.02
7/5/2008 14:25	2.433	1.02
7/5/2008 14:30	2.432	1.02
7/5/2008 14:35	2.433	1.02
7/5/2008 14:40	2.432	1.02
7/5/2008 14:45	2.432	1.02
7/5/2008 14:50	2.433	1.02
7/5/2008 14:55	2.433	1.02
7/5/2008 15:00	2.433	1.02
7/5/2008 15:05	2.433	1.02
7/5/2008 15:10	2.432	1.02
7/5/2008 15:15	2.432	1.02
7/5/2008 15:20	2.432	1.02
7/5/2008 15:25	2.432	1.02
7/5/2008 15:30	2.432	1.02
7/5/2008 15:35	2.431	1.02
7/5/2008 15:40	2.431	1.02
7/5/2008 15:45	2.431	1.02
7/5/2008 15:50	2.431	1.02
7/5/2008 15:55	2.43	1.02
7/5/2008 16:00	2.43	1.02
7/5/2008 16:05	2.43	1.02
7/5/2008 16:10	2.43	1.02
7/5/2008 16:15	2.43	1.02
7/5/2008 16:20	2.43	1.02
7/5/2008 16:25	2.43	1.02
7/5/2008 16:30	2.43	1.02
7/5/2008 16:35	2.43	0.95
7/5/2008 16:40	2.43	0.95
7/5/2008 16:45	2.43	0.95
7/5/2008 16:50	2.43	0.95
7/5/2008 16:55	2.43	0.95
7/5/2008 17:00	2.431	0.95
7/5/2008 17:05	2.43	0.95
7/5/2008 17:10	2.431	0.95
7/5/2008 17:15	2.431	0.95
7/5/2008 17:20	2.43	0.95
7/5/2008 17:25	2.431	0.95
7/5/2008 17:30	2.431	0.95
7/5/2008 17:35	2.43	0.95
7/5/2008 17:40	2.431	0.95

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 17:45	2.431	0.95
7/5/2008 17:50	2.431	0.95
7/5/2008 17:55	2.43	0.95
7/5/2008 18:00	2.43	0.95
7/5/2008 18:05	2.43	0.95
7/5/2008 18:10	2.431	0.95
7/5/2008 18:15	2.431	0.95
7/5/2008 18:20	2.431	0.95
7/5/2008 18:25	2.431	0.95
7/5/2008 18:30	2.431	0.95
7/5/2008 18:35	2.431	0.95
7/5/2008 18:40	2.432	0.95
7/5/2008 18:45	2.432	0.95
7/5/2008 18:50	2.432	0.95
7/5/2008 18:55	2.431	0.95
7/5/2008 19:00	2.431	0.95
7/5/2008 19:05	2.432	0.95
7/5/2008 19:10	2.432	0.95
7/5/2008 19:15	2.432	0.95
7/5/2008 19:20	2.432	0.95
7/5/2008 19:25	2.432	0.95
7/5/2008 19:30	2.432	0.95
7/5/2008 19:35	2.432	0.95
7/5/2008 19:40	2.432	0.95
7/5/2008 19:45	2.432	0.95
7/5/2008 19:50	2.432	0.95
7/5/2008 19:55	2.431	0.95
7/5/2008 20:00	2.431	0.95
7/5/2008 20:05	2.431	0.95
7/5/2008 20:10	2.431	0.95
7/5/2008 20:15	2.431	0.95
7/5/2008 20:20	2.431	0.95
7/5/2008 20:25	2.431	0.95
7/5/2008 20:30	2.431	0.95
7/5/2008 20:35	2.43	0.95
7/5/2008 20:40	2.431	0.95
7/5/2008 20:45	2.431	0.95
7/5/2008 20:50	2.431	0.95
7/5/2008 20:55	2.43	0.95
7/5/2008 21:00	2.43	0.95
7/5/2008 21:05	2.43	0.95
7/5/2008 21:10	2.429	0.95
7/5/2008 21:15	2.43	0.95
7/5/2008 21:20	2.429	0.95

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 21:25	2.429	0.95
7/5/2008 21:30	2.429	0.95
7/5/2008 21:35	2.429	0.95
7/5/2008 21:40	2.428	0.95
7/5/2008 21:45	2.429	0.95
7/5/2008 21:50	2.429	0.95
7/5/2008 21:55	2.429	0.95
7/5/2008 22:00	2.429	0.95
7/5/2008 22:05	2.429	0.95
7/5/2008 22:10	2.429	0.95
7/5/2008 22:15	2.429	0.95
7/5/2008 22:20	2.429	0.95
7/5/2008 22:25	2.428	0.95
7/5/2008 22:30	2.429	0.95
7/5/2008 22:35	2.428	0.95
7/5/2008 22:40	2.429	0.95
7/5/2008 22:45	2.429	0.95
7/5/2008 22:50	2.428	0.95
7/5/2008 22:55	2.429	0.95
7/5/2008 23:00	2.428	0.95
7/5/2008 23:05	2.428	0.95
7/5/2008 23:10	2.428	0.95
7/5/2008 23:15	2.428	0.95
7/5/2008 23:20	2.428	0.95
7/5/2008 23:25	2.428	0.95
7/5/2008 23:30	2.428	0.95
7/5/2008 23:35	2.427	0.95
7/5/2008 23:40	2.428	0.95
7/5/2008 23:45	2.427	0.95
7/5/2008 23:50	2.427	0.95
7/5/2008 23:55	2.427	0.95
7/6/2008 0:00	2.426	0.95
7/6/2008 0:05	2.426	0.95
7/6/2008 0:10	2.425	0.95
7/6/2008 0:15	2.425	0.95
7/6/2008 0:20	2.425	0.95
7/6/2008 0:25	2.425	0.95
7/6/2008 0:30	2.425	0.95
7/6/2008 0:35	2.424	0.95
7/6/2008 0:40	2.424	0.95
7/6/2008 0:45	2.424	0.95
7/6/2008 0:50	2.424	0.95
7/6/2008 0:55	2.424	0.95
7/6/2008 1:00	2.424	0.95

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 1:05	2.424	0.95
7/6/2008 1:10	2.424	0.95
7/6/2008 1:15	2.424	0.95
7/6/2008 1:20	2.424	1.24
7/6/2008 1:25	2.423	1.24
7/6/2008 1:30	2.423	10.44
7/6/2008 1:35	2.423	10.16
7/6/2008 1:40	2.423	10.16
7/6/2008 1:45	2.423	10.16
7/6/2008 1:50	2.422	10.16
7/6/2008 1:55	2.422	10.16
7/6/2008 2:00	2.422	10.16
7/6/2008 2:05	2.422	10.16
7/6/2008 2:10	2.422	10.16
7/6/2008 2:15	2.421	10.16
7/6/2008 2:20	2.422	13.16
7/6/2008 2:25	2.421	13.16
7/6/2008 2:30	2.421	7.79
7/6/2008 2:35	2.421	12.38
7/6/2008 2:40	2.421	10.86
7/6/2008 2:45	2.42	10.86
7/6/2008 2:50	2.421	10.86
7/6/2008 2:55	2.42	10.86
7/6/2008 3:00	2.42	10.86
7/6/2008 3:05	2.42	10.86
7/6/2008 3:10	2.42	10.86
7/6/2008 3:15	2.42	11.68
7/6/2008 3:20	2.42	11.68
7/6/2008 3:25	2.419	13.94
7/6/2008 3:30	2.419	14.29
7/6/2008 3:35	2.419	9.79
7/6/2008 3:40	2.419	9.79
7/6/2008 3:45	2.419	12.46
7/6/2008 3:50	2.419	15.05
7/6/2008 3:55	2.419	15.05
7/6/2008 4:00	2.419	13.7
7/6/2008 4:05	2.419	13.7
7/6/2008 4:10	2.419	13.7
7/6/2008 4:15	2.419	13.8
7/6/2008 4:20	2.419	13.41
7/6/2008 4:25	2.419	13.41
7/6/2008 4:30	2.419	13.84
7/6/2008 4:35	2.418	14.11
7/6/2008 4:40	2.419	14.11

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 4:45	2.419	14.11
7/6/2008 4:50	2.419	14.11
7/6/2008 4:55	2.419	14.11
7/6/2008 5:00	2.419	14.11
7/6/2008 5:05	2.419	14.11
7/6/2008 5:10	2.418	14.11
7/6/2008 5:15	2.418	14.11
7/6/2008 5:20	2.418	14.11
7/6/2008 5:25	2.418	0.13
7/6/2008 5:30	2.418	0.11
7/6/2008 5:35	2.418	0.12
7/6/2008 5:40	2.418	0.11
7/6/2008 5:45	2.418	0.11
7/6/2008 5:50	2.418	0.11
7/6/2008 5:55	2.418	0.11
7/6/2008 6:00	2.418	0.11
7/6/2008 6:05	2.418	0.35
7/6/2008 6:10	2.418	0.35
7/6/2008 6:15	2.418	0.35
7/6/2008 6:20	2.418	0.35
7/6/2008 6:25	2.418	0.12
7/6/2008 6:30	2.418	0.12
7/6/2008 6:35	2.418	0.12
7/6/2008 6:40	2.418	0.12
7/6/2008 6:45	2.418	0.12
7/6/2008 6:50	2.418	0.12
7/6/2008 6:55	2.418	0.12
7/6/2008 7:00	2.418	0.12
7/6/2008 7:05	2.418	0.12
7/6/2008 7:10	2.417	0.12
7/6/2008 7:15	2.417	0.12
7/6/2008 7:20	2.418	0.12
7/6/2008 7:25	2.417	0.12
7/6/2008 7:30	2.418	0.12
7/6/2008 7:35	2.418	0.12
7/6/2008 7:40	2.418	0.12
7/6/2008 7:45	2.418	0.12
7/6/2008 7:50	2.418	0.12
7/6/2008 7:55	2.418	0.12
7/6/2008 8:00	2.418	0.14
7/6/2008 8:05	2.418	0.12
7/6/2008 8:10	2.418	0.12
7/6/2008 8:15	2.418	0.12
7/6/2008 8:20	2.418	0.11

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 8:25	2.418	0.11
7/6/2008 8:30	2.418	0.11
7/6/2008 8:35	2.418	0.11
7/6/2008 8:40	2.418	0.11
7/6/2008 8:45	2.418	0.11
7/6/2008 8:50	2.418	0.11
7/6/2008 8:55	2.418	0.13
7/6/2008 9:00	2.418	0.13
7/6/2008 9:05	2.418	0.11
7/6/2008 9:10	2.418	0.11
7/6/2008 9:15	2.418	0.11
7/6/2008 9:20	2.418	0.11
7/6/2008 9:25	2.419	0.11
7/6/2008 9:30	2.419	13.66
7/6/2008 9:35	2.419	8.2
7/6/2008 9:40	2.419	8.2
7/6/2008 9:45	2.418	8.2
7/6/2008 9:50	2.419	8.2
7/6/2008 9:55	2.419	8.2
7/6/2008 10:00	2.419	8.2
7/6/2008 10:05	2.419	8.2
7/6/2008 10:10	2.419	8.2
7/6/2008 10:15	2.42	10.25
7/6/2008 10:20	2.42	10.25
7/6/2008 10:25	2.42	10.25
7/6/2008 10:30	2.42	10.25
7/6/2008 10:35	2.42	10.25
7/6/2008 10:40	2.42	10.25
7/6/2008 10:45	2.42	10.25
7/6/2008 10:50	2.42	10.25
7/6/2008 10:55	2.419	10.25
7/6/2008 11:00	2.419	10.25
7/6/2008 11:05	2.419	10.25
7/6/2008 11:10	2.42	10.25
7/6/2008 11:15	2.419	10.25
7/6/2008 11:20	2.418	10.25
7/6/2008 11:25	2.417	10.25
7/6/2008 11:30	2.418	10.25
7/6/2008 11:35	2.418	10.25
7/6/2008 11:40	2.419	10.25
7/6/2008 11:45	2.419	10.25
7/6/2008 11:50	2.418	10.25
7/6/2008 11:55	2.418	10.25
7/6/2008 12:00	2.418	10.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 12:05	2.415	10.25
7/6/2008 12:10	2.405	10.25
7/6/2008 12:15	2.406	10.25
7/6/2008 12:20	2.405	10.25
7/6/2008 12:25	2.404	10.25
7/6/2008 12:30	2.405	10.25
7/6/2008 12:35	2.404	10.25
7/6/2008 12:40	2.404	10.25
7/6/2008 12:45	2.403	10.25
7/6/2008 12:50	2.404	10.25
7/6/2008 12:55	2.404	10.25
7/6/2008 13:00	2.404	10.25
7/6/2008 13:05	2.402	10.25
7/6/2008 13:10	2.403	10.25
7/6/2008 13:15	2.402	10.25
7/6/2008 13:20	2.402	10.25
7/6/2008 13:25	2.402	10.25
7/6/2008 13:30	2.402	10.25
7/6/2008 13:35	2.401	10.25
7/6/2008 13:40	2.402	10.25
7/6/2008 13:45	2.401	10.25
7/6/2008 13:50	2.402	10.25
7/6/2008 13:55	2.401	10.25
7/6/2008 14:00	2.4	10.25
7/6/2008 14:05	2.401	10.25
7/6/2008 14:10	2.402	10.25
7/6/2008 14:15	2.401	10.25
7/6/2008 14:20	2.401	10.25
7/6/2008 14:25	2.4	10.25
7/6/2008 14:30	2.398	10.25
7/6/2008 14:35	2.399	10.25
7/6/2008 14:40	2.399	10.25
7/6/2008 14:45	2.398	10.25
7/6/2008 14:50	2.399	10.25
7/6/2008 14:55	2.398	10.25
7/6/2008 15:00	2.397	10.25
7/6/2008 15:05	2.397	10.25
7/6/2008 15:10	2.396	10.25
7/6/2008 15:15	2.397	10.25
7/6/2008 15:20	2.396	10.25
7/6/2008 15:25	2.395	10.25
7/6/2008 15:30	2.396	10.25
7/6/2008 15:35	2.396	10.25
7/6/2008 15:40	2.396	10.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 15:45	2.395	10.25
7/6/2008 15:50	2.395	10.25
7/6/2008 15:55	2.395	10.25
7/6/2008 16:00	2.395	10.25
7/6/2008 16:05	2.394	10.25
7/6/2008 16:10	2.394	10.25
7/6/2008 16:15	2.394	10.25
7/6/2008 16:20	2.394	10.25
7/6/2008 16:25	2.394	10.25
7/6/2008 16:30	2.394	10.25
7/6/2008 16:35	2.393	10.25
7/6/2008 16:40	2.394	10.25
7/6/2008 16:45	2.393	10.25
7/6/2008 16:50	2.394	10.25
7/6/2008 16:55	2.393	10.25
7/6/2008 17:00	2.393	10.25
7/6/2008 17:05	2.393	10.25
7/6/2008 17:10	2.394	10.25
7/6/2008 17:15	2.394	10.25
7/6/2008 17:20	2.393	10.25
7/6/2008 17:25	2.393	10.25
7/6/2008 17:30	2.393	10.25
7/6/2008 17:35	2.393	10.25
7/6/2008 17:40	2.393	10.25
7/6/2008 17:45	2.393	10.25
7/6/2008 17:50	2.393	10.25
7/6/2008 17:55	2.393	10.25
7/6/2008 18:00	2.393	10.25
7/6/2008 18:05	2.393	10.25
7/6/2008 18:10	2.393	10.25
7/6/2008 18:15	2.393	10.25
7/6/2008 18:20	2.393	10.25
7/6/2008 18:25	2.393	10.25
7/6/2008 18:30	2.393	10.25
7/6/2008 18:35	2.393	10.25
7/6/2008 18:40	2.393	10.25
7/6/2008 18:45	2.393	10.25
7/6/2008 18:50	2.393	10.25
7/6/2008 18:55	2.393	10.25
7/6/2008 19:00	2.393	10.25
7/6/2008 19:05	2.393	10.25
7/6/2008 19:10	2.393	10.25
7/6/2008 19:15	2.393	10.25
7/6/2008 19:20	2.393	10.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 19:25	2.393	10.25
7/6/2008 19:30	2.394	10.25
7/6/2008 19:35	2.394	10.25
7/6/2008 19:40	2.393	10.25
7/6/2008 19:45	2.393	10.25
7/6/2008 19:50	2.394	10.25
7/6/2008 19:55	2.394	10.25
7/6/2008 20:00	2.394	10.25
7/6/2008 20:05	2.395	10.25
7/6/2008 20:10	2.394	10.25
7/6/2008 20:15	2.395	10.25
7/6/2008 20:20	2.395	10.25
7/6/2008 20:25	2.395	10.25
7/6/2008 20:30	2.395	10.25
7/6/2008 20:35	2.395	10.25
7/6/2008 20:40	2.396	10.25
7/6/2008 20:45	2.396	10.25
7/6/2008 20:50	2.396	10.25
7/6/2008 20:55	2.396	10.25
7/6/2008 21:00	2.397	10.25
7/6/2008 21:05	2.397	10.25
7/6/2008 21:10	2.397	10.25
7/6/2008 21:15	2.397	10.25
7/6/2008 21:20	2.398	10.25
7/6/2008 21:25	2.398	10.25
7/6/2008 21:30	2.398	10.25
7/6/2008 21:35	2.398	10.25
7/6/2008 21:40	2.398	10.25
7/6/2008 21:45	2.398	10.25
7/6/2008 21:50	2.399	10.25
7/6/2008 21:55	2.399	10.25
7/6/2008 22:00	2.399	10.25
7/6/2008 22:05	2.399	10.25
7/6/2008 22:10	2.399	10.25
7/6/2008 22:15	2.399	10.25
7/6/2008 22:20	2.399	10.25
7/6/2008 22:25	2.399	10.25
7/6/2008 22:30	2.4	10.25
7/6/2008 22:35	2.4	10.25
7/6/2008 22:40	2.4	10.25
7/6/2008 22:45	2.4	10.25
7/6/2008 22:50	2.4	10.25
7/6/2008 22:55	2.4	10.25
7/6/2008 23:00	2.4	10.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 23:05	2.401	10.25
7/6/2008 23:10	2.401	10.25
7/6/2008 23:15	2.401	10.25
7/6/2008 23:20	2.401	10.25
7/6/2008 23:25	2.401	10.25
7/6/2008 23:30	2.401	10.25
7/6/2008 23:35	2.402	10.25
7/6/2008 23:40	2.401	10.25
7/6/2008 23:45	2.401	10.25
7/6/2008 23:50	2.402	10.25
7/6/2008 23:55	2.401	10.25
7/7/2008 0:00	2.401	10.25
7/7/2008 0:05	2.402	10.25
7/7/2008 0:10	2.402	10.25
7/7/2008 0:15	2.402	10.25
7/7/2008 0:20	2.402	10.25
7/7/2008 0:25	2.402	10.25
7/7/2008 0:30	2.402	10.25
7/7/2008 0:35	2.402	10.25
7/7/2008 0:40	2.402	10.25
7/7/2008 0:45	2.402	10.25
7/7/2008 0:50	2.403	10.25
7/7/2008 0:55	2.402	10.25
7/7/2008 1:00	2.403	10.25
7/7/2008 1:05	2.403	10.25
7/7/2008 1:10	2.403	10.25
7/7/2008 1:15	2.403	10.25
7/7/2008 1:20	2.403	10.25
7/7/2008 1:25	2.403	10.25
7/7/2008 1:30	2.403	10.25
7/7/2008 1:35	2.403	10.25
7/7/2008 1:40	2.403	10.25
7/7/2008 1:45	2.403	10.25
7/7/2008 1:50	2.404	10.25
7/7/2008 1:55	2.404	10.25
7/7/2008 2:00	2.404	10.25
7/7/2008 2:05	2.404	10.25
7/7/2008 2:10	2.404	10.25
7/7/2008 2:15	2.404	10.25
7/7/2008 2:20	2.404	10.25
7/7/2008 2:25	2.405	10.25
7/7/2008 2:30	2.405	10.25
7/7/2008 2:35	2.405	10.25
7/7/2008 2:40	2.405	10.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 2:45	2.405	10.25
7/7/2008 2:50	2.405	10.25
7/7/2008 2:55	2.405	10.25
7/7/2008 3:00	2.406	10.25
7/7/2008 3:05	2.405	10.25
7/7/2008 3:10	2.406	10.25
7/7/2008 3:15	2.406	10.25
7/7/2008 3:20	2.406	10.25
7/7/2008 3:25	2.406	10.25
7/7/2008 3:30	2.406	10.25
7/7/2008 3:35	2.406	10.25
7/7/2008 3:40	2.407	10.25
7/7/2008 3:45	2.407	10.25
7/7/2008 3:50	2.407	10.25
7/7/2008 3:55	2.407	10.25
7/7/2008 4:00	2.407	10.25
7/7/2008 4:05	2.408	10.25
7/7/2008 4:10	2.408	10.25
7/7/2008 4:15	2.408	10.25
7/7/2008 4:20	2.408	10.25
7/7/2008 4:25	2.409	10.25
7/7/2008 4:30	2.409	10.25
7/7/2008 4:35	2.409	10.25
7/7/2008 4:40	2.409	10.25
7/7/2008 4:45	2.41	10.25
7/7/2008 4:50	2.41	10.25
7/7/2008 4:55	2.41	10.25
7/7/2008 5:00	2.41	10.25
7/7/2008 5:05	2.411	10.25
7/7/2008 5:10	2.411	10.25
7/7/2008 5:15	2.411	10.25
7/7/2008 5:20	2.411	10.25
7/7/2008 5:25	2.411	10.25
7/7/2008 5:30	2.411	10.25
7/7/2008 5:35	2.411	10.25
7/7/2008 5:40	2.412	10.25
7/7/2008 5:45	2.412	13.75
7/7/2008 5:50	2.412	13.75
7/7/2008 5:55	2.412	13.75
7/7/2008 6:00	2.412	13.75
7/7/2008 6:05	2.413	13.75
7/7/2008 6:10	2.413	13.75
7/7/2008 6:15	2.413	12.89
7/7/2008 6:20	2.413	12.89

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 6:25	2.413	12.89
7/7/2008 6:30	2.413	12.89
7/7/2008 6:35	2.414	14.19
7/7/2008 6:40	2.413	14.19
7/7/2008 6:45	2.413	14.19
7/7/2008 6:50	2.414	14.19
7/7/2008 6:55	2.414	14.19
7/7/2008 7:00	2.415	14.19
7/7/2008 7:05	2.415	14.19
7/7/2008 7:10	2.416	14.19
7/7/2008 7:15	2.416	14.19
7/7/2008 7:20	2.415	14.19
7/7/2008 7:25	2.415	14.19
7/7/2008 7:30	2.416	14.19
7/7/2008 7:35	2.416	14.19
7/7/2008 7:40	2.417	14.19
7/7/2008 7:45	2.417	14.19
7/7/2008 7:50	2.417	14.19
7/7/2008 7:55	2.418	14.19
7/7/2008 8:00	2.417	14.19
7/7/2008 8:05	2.419	14.19
7/7/2008 8:10	2.419	14.19
7/7/2008 8:15	2.419	14.19
7/7/2008 8:20	2.419	14.19
7/7/2008 8:25	2.419	14.19
7/7/2008 8:30	2.419	14.19
7/7/2008 8:35	2.419	14.19
7/7/2008 8:40	2.42	14.19
7/7/2008 8:45	2.42	14.19
7/7/2008 8:50	2.42	14.19
7/7/2008 8:55	2.42	14.19
7/7/2008 9:00	2.42	14.19
7/7/2008 9:05	2.419	14.19
7/7/2008 9:10	2.419	14.19
7/7/2008 9:15	2.417	14.19
7/7/2008 9:20	2.416	14.19
7/7/2008 9:25	2.414	14.19
7/7/2008 9:30	2.412	14.19
7/7/2008 9:35	2.411	14.19
7/7/2008 9:40	2.41	14.19
7/7/2008 9:45	2.409	14.19
7/7/2008 9:50	2.408	14.19
7/7/2008 9:55	2.407	14.19
7/7/2008 10:00	2.405	14.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 10:05	2.404	14.19
7/7/2008 10:10	2.403	14.19
7/7/2008 10:15	2.403	14.19
7/7/2008 10:20	2.402	14.19
7/7/2008 10:25	2.401	14.19
7/7/2008 10:30	2.4	14.19
7/7/2008 10:35	2.399	14.19
7/7/2008 10:40	2.399	14.19
7/7/2008 10:45	2.397	14.19
7/7/2008 10:50	2.396	14.19
7/7/2008 10:55	2.395	14.19
7/7/2008 11:00	2.394	14.19
7/7/2008 11:05	2.393	14.19
7/7/2008 11:10	2.393	14.19
7/7/2008 11:15	2.392	14.19
7/7/2008 11:20	2.391	14.19
7/7/2008 11:25	2.39	14.19
7/7/2008 11:30	2.39	14.19
7/7/2008 11:35	2.389	14.19
7/7/2008 11:40	2.387	14.19
7/7/2008 11:45	2.387	14.19
7/7/2008 11:50	2.387	14.19
7/7/2008 11:55	2.386	14.19
7/7/2008 12:00	2.385	14.19
7/7/2008 12:05	2.384	14.19
7/7/2008 12:10	2.384	14.19
7/7/2008 12:15	2.383	14.19
7/7/2008 12:20	2.382	14.19
7/7/2008 12:25	2.381	14.19
7/7/2008 12:30	2.38	14.19
7/7/2008 12:35	2.38	14.19
7/7/2008 12:40	2.38	14.19
7/7/2008 12:45	2.379	14.19
7/7/2008 12:50	2.378	14.19
7/7/2008 12:55	2.377	14.19
7/7/2008 13:00	2.376	14.19
7/7/2008 13:05	2.375	14.19
7/7/2008 13:10	2.375	14.19
7/7/2008 13:15	2.374	14.19
7/7/2008 13:20	2.374	14.19
7/7/2008 13:25	2.373	14.19
7/7/2008 13:30	2.373	14.19
7/7/2008 13:35	2.373	14.19
7/7/2008 13:40	2.372	14.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 13:45	2.369	14.19
7/7/2008 13:50	2.37	14.19
7/7/2008 13:55	2.368	14.19
7/7/2008 14:00	2.368	14.19
7/7/2008 14:05	2.367	14.19
7/7/2008 14:10	2.367	14.19
7/7/2008 14:15	2.366	14.19
7/7/2008 14:20	2.364	14.19
7/7/2008 14:25	2.364	14.19
7/7/2008 14:30	2.363	14.19
7/7/2008 14:35	2.363	14.19
7/7/2008 14:40	2.361	14.19
7/7/2008 14:45	2.361	14.19
7/7/2008 14:50	2.36	14.19
7/7/2008 14:55	2.359	14.19
7/7/2008 15:00	2.359	14.19
7/7/2008 15:05	2.358	14.19
7/7/2008 15:10	2.357	14.19
7/7/2008 15:15	2.354	14.19
7/7/2008 15:20	2.344	14.19
7/7/2008 15:25	2.343	14.19
7/7/2008 15:30	2.342	14.19
7/7/2008 15:35	2.34	14.19
7/7/2008 15:40	2.339	14.19
7/7/2008 15:45	2.339	14.19
7/7/2008 15:50	2.338	14.19
7/7/2008 15:55	2.336	14.19
7/7/2008 16:00	2.336	14.19
7/7/2008 16:05	2.335	14.19
7/7/2008 16:10	2.334	14.19
7/7/2008 16:15	2.333	14.19
7/7/2008 16:20	2.333	14.19
7/7/2008 16:25	2.331	14.19
7/7/2008 16:30	2.331	14.19
7/7/2008 16:35	2.33	14.19
7/7/2008 16:40	2.33	14.19
7/7/2008 16:45	2.329	14.19
7/7/2008 16:50	2.328	14.19
7/7/2008 16:55	2.327	14.19
7/7/2008 17:00	2.327	14.19
7/7/2008 17:05	2.327	14.19
7/7/2008 17:10	2.327	14.19
7/7/2008 17:15	2.326	14.19
7/7/2008 17:20	2.326	14.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 17:25	2.325	14.19
7/7/2008 17:30	2.325	14.19
7/7/2008 17:35	2.325	14.19
7/7/2008 17:40	2.324	14.19
7/7/2008 17:45	2.324	14.19
7/7/2008 17:50	2.323	14.19
7/7/2008 17:55	2.322	14.19
7/7/2008 18:00	2.321	14.19
7/7/2008 18:05	2.321	14.19
7/7/2008 18:10	2.32	14.19
7/7/2008 18:15	2.319	14.19
7/7/2008 18:20	2.318	14.19
7/7/2008 18:25	2.317	14.19
7/7/2008 18:30	2.317	14.19
7/7/2008 18:35	2.315	14.19
7/7/2008 18:40	2.315	14.19
7/7/2008 18:45	2.315	8.34
7/7/2008 18:50	2.314	8.34
7/7/2008 18:55	2.314	8.34
7/7/2008 19:00	2.314	8.34
7/7/2008 19:05	2.313	8.34
7/7/2008 19:10	2.313	8.34
7/7/2008 19:15	2.313	8.34
7/7/2008 19:20	2.312	8.34
7/7/2008 19:25	2.312	8.34
7/7/2008 19:30	2.311	8.34
7/7/2008 19:35	2.311	8.34
7/7/2008 19:40	2.31	8.34
7/7/2008 19:45	2.31	8.34
7/7/2008 19:50	2.31	8.97
7/7/2008 19:55	2.31	8.97
7/7/2008 20:00	2.31	7.34
7/7/2008 20:05	2.31	8.89
7/7/2008 20:10	2.31	8.89
7/7/2008 20:15	2.31	8.89
7/7/2008 20:20	2.31	8.89
7/7/2008 20:25	2.31	8.89
7/7/2008 20:30	2.31	8.89
7/7/2008 20:35	2.31	8.89
7/7/2008 20:40	2.311	8.89
7/7/2008 20:45	2.31	8.89
7/7/2008 20:50	2.311	8.89
7/7/2008 20:55	2.311	8.89
7/7/2008 21:00	2.311	8.89

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 21:05	2.311	8.89
7/7/2008 21:10	2.311	8.67
7/7/2008 21:15	2.311	8.67
7/7/2008 21:20	2.311	8.67
7/7/2008 21:25	2.311	8.67
7/7/2008 21:30	2.311	8.67
7/7/2008 21:35	2.311	8.67
7/7/2008 21:40	2.311	8.67
7/7/2008 21:45	2.311	8.67
7/7/2008 21:50	2.311	8.67
7/7/2008 21:55	2.311	8.67
7/7/2008 22:00	2.311	8.67
7/7/2008 22:05	2.31	8.67
7/7/2008 22:10	2.31	7.57
7/7/2008 22:15	2.31	9.75
7/7/2008 22:20	2.31	9.86
7/7/2008 22:25	2.31	9.86
7/7/2008 22:30	2.31	9.86
7/7/2008 22:35	2.31	9.43
7/7/2008 22:40	2.31	9.43
7/7/2008 22:45	2.309	9.43
7/7/2008 22:50	2.309	9.43
7/7/2008 22:55	2.309	9.43
7/7/2008 23:00	2.309	9.43
7/7/2008 23:05	2.308	9.43
7/7/2008 23:10	2.308	9.43
7/7/2008 23:15	2.308	9.43
7/7/2008 23:20	2.308	9.43
7/7/2008 23:25	2.308	9.43
7/7/2008 23:30	2.308	9.43
7/7/2008 23:35	2.307	9.43
7/7/2008 23:40	2.307	9.43
7/7/2008 23:45	2.307	9.43
7/7/2008 23:50	2.307	9.43
7/7/2008 23:55	2.307	9.43
7/8/2008 0:00	2.307	9.43
7/8/2008 0:05	2.307	9.43
7/8/2008 0:10	2.306	9.43
7/8/2008 0:15	2.306	9.43
7/8/2008 0:20	2.306	9.43
7/8/2008 0:25	2.306	9.43
7/8/2008 0:30	2.306	9.43
7/8/2008 0:35	2.306	9.43
7/8/2008 0:40	2.305	9.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 0:45	2.305	9.43
7/8/2008 0:50	2.305	9.43
7/8/2008 0:55	2.305	9.43
7/8/2008 1:00	2.305	9.43
7/8/2008 1:05	2.305	9.43
7/8/2008 1:10	2.304	9.43
7/8/2008 1:15	2.304	9.43
7/8/2008 1:20	2.304	9.43
7/8/2008 1:25	2.304	9.43
7/8/2008 1:30	2.304	9.43
7/8/2008 1:35	2.304	9.43
7/8/2008 1:40	2.304	9.43
7/8/2008 1:45	2.304	9.43
7/8/2008 1:50	2.304	9.43
7/8/2008 1:55	2.304	9.43
7/8/2008 2:00	2.304	9.43
7/8/2008 2:05	2.304	9.43
7/8/2008 2:10	2.304	9.43
7/8/2008 2:15	2.304	9.43
7/8/2008 2:20	2.304	9.43
7/8/2008 2:25	2.304	9.43
7/8/2008 2:30	2.304	9.43
7/8/2008 2:35	2.304	9.43
7/8/2008 2:40	2.304	9.43
7/8/2008 2:45	2.304	9.43
7/8/2008 2:50	2.304	9.43
7/8/2008 2:55	2.304	9.43
7/8/2008 3:00	2.304	9.43
7/8/2008 3:05	2.304	9.43
7/8/2008 3:10	2.304	9.43
7/8/2008 3:15	2.304	9.43
7/8/2008 3:20	2.304	9.43
7/8/2008 3:25	2.304	9.43
7/8/2008 3:30	2.304	9.43
7/8/2008 3:35	2.304	9.43
7/8/2008 3:40	2.304	9.43
7/8/2008 3:45	2.304	9.43
7/8/2008 3:50	2.304	9.43
7/8/2008 3:55	2.304	9.43
7/8/2008 4:00	2.304	9.43
7/8/2008 4:05	2.304	9.43
7/8/2008 4:10	2.304	9.43
7/8/2008 4:15	2.304	9.43
7/8/2008 4:20	2.304	9.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 4:25	2.304	9.43
7/8/2008 4:30	2.304	9.43
7/8/2008 4:35	2.305	9.43
7/8/2008 4:40	2.305	9.43
7/8/2008 4:45	2.305	9.43
7/8/2008 4:50	2.305	9.43
7/8/2008 4:55	2.305	9.43
7/8/2008 5:00	2.305	9.43
7/8/2008 5:05	2.305	9.43
7/8/2008 5:10	2.305	9.43
7/8/2008 5:15	2.305	9.43
7/8/2008 5:20	2.305	9.43
7/8/2008 5:25	2.305	9.43
7/8/2008 5:30	2.305	9.43
7/8/2008 5:35	2.305	9.43
7/8/2008 5:40	2.306	9.43
7/8/2008 5:45	2.306	9.43
7/8/2008 5:50	2.306	9.43
7/8/2008 5:55	2.306	9.43
7/8/2008 6:00	2.306	9.43
7/8/2008 6:05	2.306	9.43
7/8/2008 6:10	2.306	9.43
7/8/2008 6:15	2.306	9.43
7/8/2008 6:20	2.306	9.43
7/8/2008 6:25	2.306	9.43
7/8/2008 6:30	2.306	9.43
7/8/2008 6:35	2.306	9.43
7/8/2008 6:40	2.308	9.43
7/8/2008 6:45	2.307	9.43
7/8/2008 6:50	2.307	9.43
7/8/2008 6:55	2.306	9.43
7/8/2008 7:00	2.307	9.43
7/8/2008 7:05	2.307	9.43
7/8/2008 7:10	2.307	9.43
7/8/2008 7:15	2.307	9.43
7/8/2008 7:20	2.307	9.43
7/8/2008 7:25	2.307	9.43
7/8/2008 7:30	2.307	9.43
7/8/2008 7:35	2.307	9.43
7/8/2008 7:40	2.308	9.43
7/8/2008 7:45	2.307	9.43
7/8/2008 7:50	2.308	9.43
7/8/2008 7:55	2.308	9.43
7/8/2008 8:00	2.308	9.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 8:05	2.308	9.43
7/8/2008 8:10	2.309	9.43
7/8/2008 8:15	2.309	9.43
7/8/2008 8:20	2.309	9.43
7/8/2008 8:25	2.309	9.43
7/8/2008 8:30	2.31	9.43
7/8/2008 8:35	2.31	9.43
7/8/2008 8:40	2.31	9.43
7/8/2008 8:45	2.31	9.43
7/8/2008 8:50	2.31	9.43
7/8/2008 8:55	2.311	9.43
7/8/2008 9:00	2.31	9.43
7/8/2008 9:05	2.31	9.43
7/8/2008 9:10	2.311	9.43
7/8/2008 9:15	2.311	9.43
7/8/2008 9:20	2.312	9.43
7/8/2008 9:25	2.312	9.43
7/8/2008 9:30	2.312	9.43
7/8/2008 9:35	2.312	9.43
7/8/2008 9:40	2.312	9.43
7/8/2008 9:45	2.313	9.43
7/8/2008 9:50	2.313	9.43
7/8/2008 9:55	2.313	9.43
7/8/2008 10:00	2.313	9.43
7/8/2008 10:05	2.313	9.43
7/8/2008 10:10	2.314	9.43
7/8/2008 10:15	2.313	9.43
7/8/2008 10:20	2.313	9.43
7/8/2008 10:25	2.313	9.43
7/8/2008 10:30	2.313	9.43
7/8/2008 10:35	2.314	9.43
7/8/2008 10:40	2.313	9.43
7/8/2008 10:45	2.313	9.43
7/8/2008 10:50	2.314	9.43
7/8/2008 10:55	2.314	9.43
7/8/2008 11:00	2.314	9.43
7/8/2008 11:05	2.314	9.43
7/8/2008 11:10	2.313	9.43
7/8/2008 11:15	2.313	9.43
7/8/2008 11:20	2.313	9.43
7/8/2008 11:25	2.313	9.43
7/8/2008 11:30	2.313	9.43
7/8/2008 11:35	2.312	9.43
7/8/2008 11:40	2.312	9.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 11:45	2.312	9.43
7/8/2008 11:50	2.312	9.43
7/8/2008 11:55	2.311	9.43
7/8/2008 12:00	2.313	9.43
7/8/2008 12:05	2.312	9.43
7/8/2008 12:10	2.314	9.43
7/8/2008 12:15	2.312	9.43
7/8/2008 12:20	2.312	9.43
7/8/2008 12:25	2.311	9.43
7/8/2008 12:30	2.312	9.43
7/8/2008 12:35	2.311	9.43
7/8/2008 12:40	2.312	9.43
7/8/2008 12:45	2.311	9.43
7/8/2008 12:50	2.311	9.43
7/8/2008 12:55	2.311	9.43
7/8/2008 13:00	2.311	9.43
7/8/2008 13:05	2.311	9.43
7/8/2008 13:10	2.311	9.43
7/8/2008 13:15	2.311	9.43
7/8/2008 13:20	2.313	9.43
7/8/2008 13:25	2.337	9.43
7/8/2008 13:30	2.367	9.43
7/8/2008 13:35	2.364	9.43
7/8/2008 13:40	2.354	9.43
7/8/2008 13:45	2.345	9.43
7/8/2008 13:50	2.338	9.43
7/8/2008 13:55	2.332	9.43
7/8/2008 14:00	2.328	9.43
7/8/2008 14:05	2.325	9.43
7/8/2008 14:10	2.324	9.43
7/8/2008 14:15	2.324	9.43
7/8/2008 14:20	2.323	9.43
7/8/2008 14:25	2.323	9.43
7/8/2008 14:30	2.324	9.43
7/8/2008 14:35	2.325	9.43
7/8/2008 14:40	2.325	9.43
7/8/2008 14:45	2.326	9.43
7/8/2008 14:50	2.328	9.43
7/8/2008 14:55	2.33	9.43
7/8/2008 15:00	2.331	9.43
7/8/2008 15:05	2.332	9.43
7/8/2008 15:10	2.334	9.43
7/8/2008 15:15	2.335	9.43
7/8/2008 15:20	2.336	9.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 15:25	2.338	9.43
7/8/2008 15:30	2.341	9.43
7/8/2008 15:35	2.341	9.43
7/8/2008 15:40	2.344	9.43
7/8/2008 15:45	2.347	9.43
7/8/2008 15:50	2.348	9.43
7/8/2008 15:55	2.35	9.43
7/8/2008 16:00	2.353	9.43
7/8/2008 16:05	2.354	9.43
7/8/2008 16:10	2.356	9.43
7/8/2008 16:15	2.357	9.43
7/8/2008 16:20	2.358	9.43
7/8/2008 16:25	2.361	9.43
7/8/2008 16:30	2.361	9.43
7/8/2008 16:35	2.363	9.43
7/8/2008 16:40	2.365	9.43
7/8/2008 16:45	2.366	9.43
7/8/2008 16:50	2.367	9.43
7/8/2008 16:55	2.369	9.43
7/8/2008 17:00	2.37	9.43
7/8/2008 17:05	2.371	9.43
7/8/2008 17:10	2.373	9.43
7/8/2008 17:15	2.375	9.43
7/8/2008 17:20	2.376	9.43
7/8/2008 17:25	2.377	9.43
7/8/2008 17:30	2.379	9.43
7/8/2008 17:35	2.38	9.43
7/8/2008 17:40	2.382	9.43
7/8/2008 17:45	2.383	9.43
7/8/2008 17:50	2.385	9.43
7/8/2008 17:55	2.385	9.43
7/8/2008 18:00	2.388	9.43
7/8/2008 18:05	2.388	9.43
7/8/2008 18:10	2.389	9.43
7/8/2008 18:15	2.391	9.43
7/8/2008 18:20	2.392	9.43
7/8/2008 18:25	2.393	9.43
7/8/2008 18:30	2.394	9.43
7/8/2008 18:35	2.396	9.43
7/8/2008 18:40	2.398	9.43
7/8/2008 18:45	2.398	9.43
7/8/2008 18:50	2.4	9.43
7/8/2008 18:55	2.401	9.43
7/8/2008 19:00	2.402	9.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 19:05	2.403	9.43
7/8/2008 19:10	2.404	9.43
7/8/2008 19:15	2.405	9.43
7/8/2008 19:20	2.406	9.43
7/8/2008 19:25	2.407	9.43
7/8/2008 19:30	2.408	9.43
7/8/2008 19:35	2.409	9.43
7/8/2008 19:40	2.41	9.43
7/8/2008 19:45	2.411	9.43
7/8/2008 19:50	2.412	9.43
7/8/2008 19:55	2.413	9.43
7/8/2008 20:00	2.413	9.43
7/8/2008 20:05	2.414	9.43
7/8/2008 20:10	2.415	9.43
7/8/2008 20:15	2.417	9.43
7/8/2008 20:20	2.417	9.43
7/8/2008 20:25	2.418	9.43
7/8/2008 20:30	2.419	9.43
7/8/2008 20:35	2.42	9.43
7/8/2008 20:40	2.42	9.43
7/8/2008 20:45	2.421	9.43
7/8/2008 20:50	2.422	9.43
7/8/2008 20:55	2.423	9.43
7/8/2008 21:00	2.423	9.43
7/8/2008 21:05	2.423	9.43
7/8/2008 21:10	2.425	9.43
7/8/2008 21:15	2.426	9.43
7/8/2008 21:20	2.426	9.43
7/8/2008 21:25	2.426	9.43
7/8/2008 21:30	2.427	9.43
7/8/2008 21:35	2.428	9.43
7/8/2008 21:40	2.429	9.43
7/8/2008 21:45	2.429	9.43
7/8/2008 21:50	2.43	9.43
7/8/2008 21:55	2.431	9.43
7/8/2008 22:00	2.431	9.43
7/8/2008 22:05	2.431	9.43
7/8/2008 22:10	2.432	9.43
7/8/2008 22:15	2.432	9.43
7/8/2008 22:20	2.431	9.43
7/8/2008 22:25	2.431	9.43
7/8/2008 22:30	2.431	9.43
7/8/2008 22:35	2.432	9.43
7/8/2008 22:40	2.432	9.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 22:45	2.432	9.43
7/8/2008 22:50	2.432	9.43
7/8/2008 22:55	2.432	9.43
7/8/2008 23:00	2.433	9.43
7/8/2008 23:05	2.433	9.43
7/8/2008 23:10	2.433	9.43
7/8/2008 23:15	2.433	9.43
7/8/2008 23:20	2.434	9.43
7/8/2008 23:25	2.433	9.43
7/8/2008 23:30	2.434	9.43
7/8/2008 23:35	2.434	9.43
7/8/2008 23:40	2.434	9.43
7/8/2008 23:45	2.434	9.43
7/8/2008 23:50	2.434	9.43
7/8/2008 23:55	2.435	9.43
7/9/2008 0:00	2.435	9.43
7/9/2008 0:05	2.435	9.43
7/9/2008 0:10	2.435	9.43
7/9/2008 0:15	2.435	9.43
7/9/2008 0:20	2.435	9.43
7/9/2008 0:25	2.436	9.43
7/9/2008 0:30	2.435	9.43
7/9/2008 0:35	2.436	9.43
7/9/2008 0:40	2.436	9.43
7/9/2008 0:45	2.436	9.43
7/9/2008 0:50	2.436	9.43
7/9/2008 0:55	2.437	9.43
7/9/2008 1:00	2.436	9.43
7/9/2008 1:05	2.437	9.43
7/9/2008 1:10	2.437	9.43
7/9/2008 1:15	2.437	9.43
7/9/2008 1:20	2.437	9.43
7/9/2008 1:25	2.437	9.43
7/9/2008 1:30	2.437	9.43
7/9/2008 1:35	2.438	9.43
7/9/2008 1:40	2.438	9.43
7/9/2008 1:45	2.438	9.43
7/9/2008 1:50	2.438	9.43
7/9/2008 1:55	2.438	9.43
7/9/2008 2:00	2.438	9.43
7/9/2008 2:05	2.438	9.43
7/9/2008 2:10	2.438	9.43
7/9/2008 2:15	2.438	9.43
7/9/2008 2:20	2.438	9.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 2:25	2.438	9.43
7/9/2008 2:30	2.438	9.43
7/9/2008 2:35	2.438	9.43
7/9/2008 2:40	2.438	9.43
7/9/2008 2:45	2.438	9.43
7/9/2008 2:50	2.439	9.43
7/9/2008 2:55	2.439	9.43
7/9/2008 3:00	2.439	9.43
7/9/2008 3:05	2.439	9.43
7/9/2008 3:10	2.439	9.43
7/9/2008 3:15	2.439	9.43
7/9/2008 3:20	2.439	9.43
7/9/2008 3:25	2.439	9.43
7/9/2008 3:30	2.439	9.43
7/9/2008 3:35	2.44	9.43
7/9/2008 3:40	2.439	9.43
7/9/2008 3:45	2.439	9.43
7/9/2008 3:50	2.439	9.43
7/9/2008 3:55	2.439	9.43
7/9/2008 4:00	2.439	9.43
7/9/2008 4:05	2.44	9.43
7/9/2008 4:10	2.44	9.43
7/9/2008 4:15	2.439	9.43
7/9/2008 4:20	2.44	9.43
7/9/2008 4:25	2.44	9.43
7/9/2008 4:30	2.44	9.43
7/9/2008 4:35	2.44	9.43
7/9/2008 4:40	2.44	0.19
7/9/2008 4:45	2.44	0.19
7/9/2008 4:50	2.44	0.19
7/9/2008 4:55	2.44	0.18
7/9/2008 5:00	2.44	0.18
7/9/2008 5:05	2.44	0.18
7/9/2008 5:10	2.44	0.18
7/9/2008 5:15	2.44	0.18
7/9/2008 5:20	2.44	0.18
7/9/2008 5:25	2.44	0.18
7/9/2008 5:30	2.441	0.19
7/9/2008 5:35	2.441	0.19
7/9/2008 5:40	2.441	0.19
7/9/2008 5:45	2.441	0.19
7/9/2008 5:50	2.441	0.19
7/9/2008 5:55	2.441	0.19
7/9/2008 6:00	2.441	0.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 6:05	2.441	0.17
7/9/2008 6:10	2.441	0.17
7/9/2008 6:15	2.441	0.17
7/9/2008 6:20	2.442	0.17
7/9/2008 6:25	2.441	0.17
7/9/2008 6:30	2.442	0.17
7/9/2008 6:35	2.441	0.17
7/9/2008 6:40	2.442	0.17
7/9/2008 6:45	2.442	0.17
7/9/2008 6:50	2.442	0.17
7/9/2008 6:55	2.442	0.17
7/9/2008 7:00	2.442	0.17
7/9/2008 7:05	2.443	0.17
7/9/2008 7:10	2.443	0.17
7/9/2008 7:15	2.443	0.17
7/9/2008 7:20	2.443	0.17
7/9/2008 7:25	2.443	0.17
7/9/2008 7:30	2.443	0.19
7/9/2008 7:35	2.444	0.17
7/9/2008 7:40	2.444	0.17
7/9/2008 7:45	2.445	0.17
7/9/2008 7:50	2.445	0.18
7/9/2008 7:55	2.445	0.18
7/9/2008 8:00	2.445	0.17
7/9/2008 8:05	2.445	0.17
7/9/2008 8:10	2.446	0.17
7/9/2008 8:15	2.446	0.17
7/9/2008 8:20	2.446	0.17
7/9/2008 8:25	2.446	0.17
7/9/2008 8:30	2.446	0.17
7/9/2008 8:35	2.446	0.17
7/9/2008 8:40	2.446	0.18
7/9/2008 8:45	2.446	0.18
7/9/2008 8:50	2.445	0.18
7/9/2008 8:55	2.445	0.29
7/9/2008 9:00	2.444	0.29
7/9/2008 9:05	2.444	0.29
7/9/2008 9:10	2.443	0.29
7/9/2008 9:15	2.442	0.29
7/9/2008 9:20	2.441	0.29
7/9/2008 9:25	2.44	0.29
7/9/2008 9:30	2.439	0.29
7/9/2008 9:35	2.439	0.29
7/9/2008 9:40	2.439	0.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 9:45	2.439	0.29
7/9/2008 9:50	2.438	0.29
7/9/2008 9:55	2.436	0.29
7/9/2008 10:00	2.436	0.29
7/9/2008 10:05	2.435	0.18
7/9/2008 10:10	2.434	0.18
7/9/2008 10:15	2.433	0.18
7/9/2008 10:20	2.432	0.18
7/9/2008 10:25	2.431	0.18
7/9/2008 10:30	2.43	0.18
7/9/2008 10:35	2.43	0.18
7/9/2008 10:40	2.429	0.18
7/9/2008 10:45	2.428	0.18
7/9/2008 10:50	2.427	0.18
7/9/2008 10:55	2.427	0.15
7/9/2008 11:00	2.426	0.15
7/9/2008 11:05	2.425	0.15
7/9/2008 11:10	2.425	0.16
7/9/2008 11:15	2.425	0.16
7/9/2008 11:20	2.424	0.16
7/9/2008 11:25	2.424	0.16
7/9/2008 11:30	2.423	0.16
7/9/2008 11:35	2.421	0.16
7/9/2008 11:40	2.42	0.16
7/9/2008 11:45	2.42	0.16
7/9/2008 11:50	2.42	0.16
7/9/2008 11:55	2.418	0.16
7/9/2008 12:00	2.417	0.16
7/9/2008 12:05	2.417	0.16
7/9/2008 12:10	2.415	0.16
7/9/2008 12:15	2.415	0.16
7/9/2008 12:20	2.414	0.16
7/9/2008 12:25	2.413	0.16
7/9/2008 12:30	2.412	0.16
7/9/2008 12:35	2.41	0.16
7/9/2008 12:40	2.409	0.19
7/9/2008 12:45	2.408	0.19
7/9/2008 12:50	2.407	0.19
7/9/2008 12:55	2.406	0.19
7/9/2008 13:00	2.404	0.19
7/9/2008 13:05	2.405	0.19
7/9/2008 13:10	2.404	0.19
7/9/2008 13:15	2.405	0.19
7/9/2008 13:20	2.402	0.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 13:25	2.401	0.19
7/9/2008 13:30	2.4	0.19
7/9/2008 13:35	2.398	0.19
7/9/2008 13:40	2.398	0.19
7/9/2008 13:45	2.397	0.19
7/9/2008 13:50	2.398	0.19
7/9/2008 13:55	2.395	0.19
7/9/2008 14:00	2.394	0.19
7/9/2008 14:05	2.393	0.19
7/9/2008 14:10	2.394	0.19
7/9/2008 14:15	2.392	0.19
7/9/2008 14:20	2.391	0.19
7/9/2008 14:25	2.389	0.19
7/9/2008 14:30	2.387	0.19
7/9/2008 14:35	2.387	0.19
7/9/2008 14:40	2.387	0.19
7/9/2008 14:45	2.386	0.19
7/9/2008 14:50	2.384	0.19
7/9/2008 14:55	2.381	0.19
7/9/2008 15:00	2.382	0.19
7/9/2008 15:05	2.381	0.19
7/9/2008 15:10	2.379	0.19
7/9/2008 15:15	2.379	0.19
7/9/2008 15:20	2.379	0.19
7/9/2008 15:25	2.377	0.19
7/9/2008 15:30	2.375	0.19
7/9/2008 15:35	2.375	0.19
7/9/2008 15:40	2.373	0.19
7/9/2008 15:45	2.373	0.19
7/9/2008 15:50	2.374	0.19
7/9/2008 15:55	2.372	0.19
7/9/2008 16:00	2.371	0.19
7/9/2008 16:05	2.37	0.19
7/9/2008 16:10	2.368	0.19
7/9/2008 16:15	2.368	0.19
7/9/2008 16:20	2.367	0.19
7/9/2008 16:25	2.368	0.19
7/9/2008 16:30	2.366	0.19
7/9/2008 16:35	2.365	0.19
7/9/2008 16:40	2.366	0.19
7/9/2008 16:45	2.364	0.19
7/9/2008 16:50	2.363	0.19
7/9/2008 16:55	2.362	0.19
7/9/2008 17:00	2.361	0.19

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 17:05	2.362	0.19
7/9/2008 17:10	2.361	0.19
7/9/2008 17:15	2.36	0.19
7/9/2008 17:20	2.36	0.19
7/9/2008 17:25	2.358	0.19
7/9/2008 17:30	2.359	0.19
7/9/2008 17:35	2.356	0.19
7/9/2008 17:40	2.355	0.19
7/9/2008 17:45	2.356	0.19
7/9/2008 17:50	2.356	0.19
7/9/2008 17:55	2.355	0.19
7/9/2008 18:00	2.354	0.19
7/9/2008 18:05	2.353	0.19
7/9/2008 18:10	2.354	0.19
7/9/2008 18:15	2.353	0.19
7/9/2008 18:20	2.353	0.19
7/9/2008 18:25	2.352	0.19
7/9/2008 18:30	2.351	0.19
7/9/2008 18:35	2.35	0.19
7/9/2008 18:40	2.35	0.19
7/9/2008 18:45	2.35	0.19
7/9/2008 18:50	2.348	0.19
7/9/2008 18:55	2.349	0.34
7/9/2008 19:00	2.349	0.34
7/9/2008 19:05	2.348	0.34
7/9/2008 19:10	2.349	0.34
7/9/2008 19:15	2.353	0.34
7/9/2008 19:20	2.841	0.49
7/9/2008 19:25	3.04	0.71
7/9/2008 19:30	3.309	1.03
7/9/2008 19:35	3.423	1.18
7/9/2008 19:40	3.346	1.05
7/9/2008 19:45	3.368	1.17
7/9/2008 19:50	3.452	1.09
7/9/2008 19:55	3.428	1.28
7/9/2008 20:00	3.283	1
7/9/2008 20:05	3.152	0.92
7/9/2008 20:10	3.027	0.62
7/9/2008 20:15	2.928	0.56
7/9/2008 20:20	2.85	0.48
7/9/2008 20:25	2.792	0.42
7/9/2008 20:30	2.752	0.38
7/9/2008 20:35	2.728	0.39
7/9/2008 20:40	2.716	0.39

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 20:45	2.716	0.39
7/9/2008 20:50	2.725	0.42
7/9/2008 20:55	2.737	0.48
7/9/2008 21:00	2.747	0.47
7/9/2008 21:05	2.756	0.5
7/9/2008 21:10	2.765	0.56
7/9/2008 21:15	2.769	0.56
7/9/2008 21:20	2.778	0.48
7/9/2008 21:25	2.782	0.52
7/9/2008 21:30	2.787	0.49
7/9/2008 21:35	2.79	0.5
7/9/2008 21:40	2.795	0.53
7/9/2008 21:45	2.798	0.56
7/9/2008 21:50	2.799	0.52
7/9/2008 21:55	2.802	0.55
7/9/2008 22:00	2.802	0.53
7/9/2008 22:05	2.802	0.51
7/9/2008 22:10	2.803	0.52
7/9/2008 22:15	2.802	0.56
7/9/2008 22:20	2.801	0.57
7/9/2008 22:25	2.8	0.51
7/9/2008 22:30	2.8	0.54
7/9/2008 22:35	2.798	0.54
7/9/2008 22:40	2.796	0.54
7/9/2008 22:45	2.795	0.56
7/9/2008 22:50	2.794	0.56
7/9/2008 22:55	2.79	0.54
7/9/2008 23:00	2.788	0.52
7/9/2008 23:05	2.786	0.52
7/9/2008 23:10	2.785	0.53
7/9/2008 23:15	2.783	0.52
7/9/2008 23:20	2.78	0.5
7/9/2008 23:25	2.778	0.53
7/9/2008 23:30	2.776	0.54
7/9/2008 23:35	2.774	0.54
7/9/2008 23:40	2.771	0.54
7/9/2008 23:45	2.768	0.54
7/9/2008 23:50	2.765	0.49
7/9/2008 23:55	2.764	0.49
7/10/2008 0:00	2.761	0.49
7/10/2008 0:05	2.76	0.49
7/10/2008 0:10	2.757	0.49
7/10/2008 0:15	2.754	0.5
7/10/2008 0:20	2.753	0.5

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 0:25	2.751	0.5
7/10/2008 0:30	2.749	0.5
7/10/2008 0:35	2.746	0.5
7/10/2008 0:40	2.744	0.5
7/10/2008 0:45	2.742	0.49
7/10/2008 0:50	2.741	0.49
7/10/2008 0:55	2.738	0.46
7/10/2008 1:00	2.737	0.46
7/10/2008 1:05	2.735	0.46
7/10/2008 1:10	2.734	0.46
7/10/2008 1:15	2.73	0.46
7/10/2008 1:20	2.73	0.46
7/10/2008 1:25	2.729	0.46
7/10/2008 1:30	2.728	0.46
7/10/2008 1:35	2.725	0.46
7/10/2008 1:40	2.724	0.46
7/10/2008 1:45	2.722	0.46
7/10/2008 1:50	2.721	0.42
7/10/2008 1:55	2.72	0.42
7/10/2008 2:00	2.719	0.42
7/10/2008 2:05	2.717	0.42
7/10/2008 2:10	2.716	0.42
7/10/2008 2:15	2.715	0.42
7/10/2008 2:20	2.714	0.41
7/10/2008 2:25	2.713	0.41
7/10/2008 2:30	2.712	0.43
7/10/2008 2:35	2.71	0.4
7/10/2008 2:40	2.711	0.44
7/10/2008 2:45	2.709	0.45
7/10/2008 2:50	2.707	0.41
7/10/2008 2:55	2.707	0.41
7/10/2008 3:00	2.707	0.41
7/10/2008 3:05	2.706	0.41
7/10/2008 3:10	2.704	0.41
7/10/2008 3:15	2.702	0.41
7/10/2008 3:20	2.702	0.41
7/10/2008 3:25	2.703	0.41
7/10/2008 3:30	2.703	0.41
7/10/2008 3:35	2.702	0.41
7/10/2008 3:40	2.701	0.41
7/10/2008 3:45	2.7	0.41
7/10/2008 3:50	2.7	0.41
7/10/2008 3:55	2.7	0.41
7/10/2008 4:00	2.699	0.41

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 4:05	2.699	0.41
7/10/2008 4:10	2.698	0.41
7/10/2008 4:15	2.699	0.41
7/10/2008 4:20	2.698	0.41
7/10/2008 4:25	2.696	0.41
7/10/2008 4:30	2.695	0.38
7/10/2008 4:35	2.696	0.41
7/10/2008 4:40	2.694	0.41
7/10/2008 4:45	2.695	0.41
7/10/2008 4:50	2.696	0.41
7/10/2008 4:55	2.695	0.41
7/10/2008 5:00	2.694	0.41
7/10/2008 5:05	2.695	0.41
7/10/2008 5:10	2.695	0.42
7/10/2008 5:15	2.694	0.42
7/10/2008 5:20	2.694	0.39
7/10/2008 5:25	2.694	0.43
7/10/2008 5:30	2.694	0.43
7/10/2008 5:35	2.694	0.43
7/10/2008 5:40	2.694	0.43
7/10/2008 5:45	2.693	0.38
7/10/2008 5:50	2.693	0.38
7/10/2008 5:55	2.693	0.4
7/10/2008 6:00	2.693	0.41
7/10/2008 6:05	2.691	0.37
7/10/2008 6:10	2.693	0.39
7/10/2008 6:15	2.693	0.41
7/10/2008 6:20	2.693	0.41
7/10/2008 6:25	2.692	0.41
7/10/2008 6:30	2.693	0.38
7/10/2008 6:35	2.693	0.38
7/10/2008 6:40	2.692	0.38
7/10/2008 6:45	2.693	0.38
7/10/2008 6:50	2.692	0.38
7/10/2008 6:55	2.692	0.38
7/10/2008 7:00	2.692	0.4
7/10/2008 7:05	2.692	0.4
7/10/2008 7:10	2.692	0.4
7/10/2008 7:15	2.691	0.4
7/10/2008 7:20	2.692	0.37
7/10/2008 7:25	2.691	0.39
7/10/2008 7:30	2.69	0.39
7/10/2008 7:35	2.69	0.42
7/10/2008 7:40	2.689	0.39

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 7:45	2.691	0.4
7/10/2008 7:50	2.689	0.39
7/10/2008 7:55	2.69	0.37
7/10/2008 8:00	2.692	0.4
7/10/2008 8:05	2.689	0.4
7/10/2008 8:10	2.69	0.4
7/10/2008 8:15	2.692	0.4
7/10/2008 8:20	2.69	0.4
7/10/2008 8:25	2.688	0.37
7/10/2008 8:30	2.69	0.39
7/10/2008 8:35	2.689	0.38
7/10/2008 8:40	2.69	0.39
7/10/2008 8:45	2.689	0.39
7/10/2008 8:50	2.69	0.39
7/10/2008 8:55	2.689	0.36
7/10/2008 9:00	2.69	0.39
7/10/2008 9:05	2.689	0.36
7/10/2008 9:10	2.688	0.38
7/10/2008 9:15	2.688	0.34
7/10/2008 9:20	2.686	0.39
7/10/2008 9:25	2.686	0.39
7/10/2008 9:30	2.687	0.39
7/10/2008 9:35	2.686	0.34
7/10/2008 9:40	2.686	0.38
7/10/2008 9:45	2.687	0.38
7/10/2008 9:50	2.686	0.38
7/10/2008 9:55	2.684	0.38
7/10/2008 10:00	2.684	0.38
7/10/2008 10:05	2.684	0.38
7/10/2008 10:10	2.683	0.38
7/10/2008 10:15	2.685	0.37
7/10/2008 10:20	2.684	0.38
7/10/2008 10:25	2.682	0.38
7/10/2008 10:30	2.682	0.36
7/10/2008 10:35	2.678	0.36
7/10/2008 10:40	2.681	0.36
7/10/2008 10:45	2.678	0.36
7/10/2008 10:50	2.678	0.36
7/10/2008 10:55	2.679	0.36
7/10/2008 11:00	2.678	0.36
7/10/2008 11:05	2.679	0.36
7/10/2008 11:10	2.676	0.36
7/10/2008 11:15	2.674	0.36
7/10/2008 11:20	2.675	0.35

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 11:25	2.675	0.35
7/10/2008 11:30	2.676	0.35
7/10/2008 11:35	2.675	0.35
7/10/2008 11:40	2.676	0.35
7/10/2008 11:45	2.674	0.35
7/10/2008 11:50	2.672	0.35
7/10/2008 11:55	2.668	0.35
7/10/2008 12:00	2.668	0.35
7/10/2008 12:05	2.671	0.35
7/10/2008 12:10	2.67	0.35
7/10/2008 12:15	2.67	0.35
7/10/2008 12:20	2.669	0.35
7/10/2008 12:25	2.667	0.35
7/10/2008 12:30	2.669	0.35
7/10/2008 12:35	2.668	0.35
7/10/2008 12:40	2.665	0.33
7/10/2008 12:45	2.665	0.33
7/10/2008 12:50	2.666	0.33
7/10/2008 12:55	2.663	0.33
7/10/2008 13:00	2.663	0.33
7/10/2008 13:05	2.662	0.33
7/10/2008 13:10	2.662	0.33
7/10/2008 13:15	2.66	0.34
7/10/2008 13:20	2.66	0.34
7/10/2008 13:25	2.661	0.34
7/10/2008 13:30	2.659	0.33
7/10/2008 13:35	2.657	0.33
7/10/2008 13:40	2.657	0.33
7/10/2008 13:45	2.658	0.33
7/10/2008 13:50	2.656	0.33
7/10/2008 13:55	2.656	0.33
7/10/2008 14:00	2.652	0.33
7/10/2008 14:05	2.653	0.34
7/10/2008 14:10	2.651	0.37
7/10/2008 14:15	2.651	0.37
7/10/2008 14:20	2.65	0.37
7/10/2008 14:25	2.65	0.37
7/10/2008 14:30	2.649	0.33
7/10/2008 14:35	2.647	0.33
7/10/2008 14:40	2.648	0.33
7/10/2008 14:45	2.648	0.3
7/10/2008 14:50	2.646	0.3
7/10/2008 14:55	2.646	0.3
7/10/2008 15:00	2.645	0.3

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 15:05	2.644	0.3
7/10/2008 15:10	2.64	0.3
7/10/2008 15:15	2.642	0.3
7/10/2008 15:20	2.64	0.3
7/10/2008 15:25	2.64	0.36
7/10/2008 15:30	2.638	0.34
7/10/2008 15:35	2.638	0.34
7/10/2008 15:40	2.639	0.34
7/10/2008 15:45	2.636	0.35
7/10/2008 15:50	2.637	0.35
7/10/2008 15:55	2.636	0.29
7/10/2008 16:00	2.636	0.29
7/10/2008 16:05	2.635	0.29
7/10/2008 16:10	2.634	0.29
7/10/2008 16:15	2.632	0.29
7/10/2008 16:20	2.631	0.29
7/10/2008 16:25	2.633	0.29
7/10/2008 16:30	2.632	0.29
7/10/2008 16:35	2.631	0.29
7/10/2008 16:40	2.629	0.29
7/10/2008 16:45	2.63	0.29
7/10/2008 16:50	2.629	0.29
7/10/2008 16:55	2.629	0.29
7/10/2008 17:00	2.628	0.29
7/10/2008 17:05	2.627	0.29
7/10/2008 17:10	2.626	0.29
7/10/2008 17:15	2.624	0.29
7/10/2008 17:20	2.625	0.29
7/10/2008 17:25	2.625	0.29
7/10/2008 17:30	2.625	0.29
7/10/2008 17:35	2.624	0.29
7/10/2008 17:40	2.624	0.29
7/10/2008 17:45	2.623	0.29
7/10/2008 17:50	2.622	0.29
7/10/2008 17:55	2.623	0.29
7/10/2008 18:00	2.622	0.29
7/10/2008 18:05	2.622	0.29
7/10/2008 18:10	2.622	0.29
7/10/2008 18:15	2.622	0.29
7/10/2008 18:20	2.621	0.29
7/10/2008 18:25	2.622	0.29
7/10/2008 18:30	2.622	0.29
7/10/2008 18:35	2.62	0.29
7/10/2008 18:40	2.62	0.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 18:45	2.62	0.29
7/10/2008 18:50	2.619	0.29
7/10/2008 18:55	2.619	0.29
7/10/2008 19:00	2.619	0.29
7/10/2008 19:05	2.618	0.29
7/10/2008 19:10	2.619	0.29
7/10/2008 19:15	2.619	0.34
7/10/2008 19:20	2.618	0.34
7/10/2008 19:25	2.618	0.34
7/10/2008 19:30	2.618	0.34
7/10/2008 19:35	2.617	0.34
7/10/2008 19:40	2.617	0.34
7/10/2008 19:45	2.617	0.34
7/10/2008 19:50	2.617	0.34
7/10/2008 19:55	2.616	0.34
7/10/2008 20:00	2.616	0.34
7/10/2008 20:05	2.616	0.34
7/10/2008 20:10	2.615	0.34
7/10/2008 20:15	2.615	0.3
7/10/2008 20:20	2.615	0.3
7/10/2008 20:25	2.614	0.3
7/10/2008 20:30	2.614	0.3
7/10/2008 20:35	2.614	0.3
7/10/2008 20:40	2.613	0.3
7/10/2008 20:45	2.612	0.3
7/10/2008 20:50	2.612	0.3
7/10/2008 20:55	2.611	0.3
7/10/2008 21:00	2.611	0.3
7/10/2008 21:05	2.611	0.3
7/10/2008 21:10	2.611	0.3
7/10/2008 21:15	2.61	0.3
7/10/2008 21:20	2.61	0.3
7/10/2008 21:25	2.609	0.3
7/10/2008 21:30	2.609	0.3
7/10/2008 21:35	2.608	0.3
7/10/2008 21:40	2.607	0.3
7/10/2008 21:45	2.607	0.3
7/10/2008 21:50	2.606	0.3
7/10/2008 21:55	2.606	0.3
7/10/2008 22:00	2.605	0.3
7/10/2008 22:05	2.604	0.3
7/10/2008 22:10	2.604	0.3
7/10/2008 22:15	2.603	0.3
7/10/2008 22:20	2.603	0.3

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 22:25	2.603	0.3
7/10/2008 22:30	2.602	0.3
7/10/2008 22:35	2.602	0.3
7/10/2008 22:40	2.601	0.3
7/10/2008 22:45	2.601	0.3
7/10/2008 22:50	2.6	0.3
7/10/2008 22:55	2.601	0.3
7/10/2008 23:00	2.6	0.3
7/10/2008 23:05	2.599	0.3
7/10/2008 23:10	2.599	0.3
7/10/2008 23:15	2.598	0.3
7/10/2008 23:20	2.598	0.3
7/10/2008 23:25	2.597	0.3
7/10/2008 23:30	2.597	0.3
7/10/2008 23:35	2.596	0.3
7/10/2008 23:40	2.597	0.3
7/10/2008 23:45	2.596	0.3
7/10/2008 23:50	2.595	0.3
7/10/2008 23:55	2.595	0.3
7/11/2008 0:00	2.595	0.3

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/23/2008 14:35	1.76	0.71
6/23/2008 14:40	1.768	0.73
6/23/2008 14:45	1.772	0.72
6/23/2008 14:50	1.762	0.69
6/23/2008 14:55	1.642	0.71
6/23/2008 15:00	1.641	0.78
6/23/2008 15:05	1.64	0.7
6/23/2008 15:10	1.639	0.67
6/23/2008 15:15	1.637	0.67
6/23/2008 15:20	1.635	0.71
6/23/2008 15:25	1.635	0.73
6/23/2008 15:30	1.633	0.7
6/23/2008 15:35	1.634	0.69
6/23/2008 15:40	1.633	0.69
6/23/2008 15:45	1.632	0.74
6/23/2008 15:50	1.631	0.72
6/23/2008 15:55	1.629	0.68
6/23/2008 16:00	1.628	0.66
6/23/2008 16:05	1.626	0.68
6/23/2008 16:10	1.625	0.63
6/23/2008 16:15	1.622	0.65
6/23/2008 16:20	1.622	0.67
6/23/2008 16:25	1.622	0.66
6/23/2008 16:30	1.62	0.69
6/23/2008 16:35	1.618	0.73
6/23/2008 16:40	1.618	0.69
6/23/2008 16:45	1.616	0.68
6/23/2008 16:50	1.615	0.65
6/23/2008 16:55	1.613	0.71
6/23/2008 17:00	1.612	0.63
6/23/2008 17:05	1.611	0.64
6/23/2008 17:10	1.612	0.72
6/23/2008 17:15	1.612	0.8
6/23/2008 17:20	1.613	0.66
6/23/2008 17:25	1.612	0.7
6/23/2008 17:30	1.612	0.65
6/23/2008 17:35	1.614	0.71
6/23/2008 17:40	1.616	0.61
6/23/2008 17:45	1.617	0.7
6/23/2008 17:50	1.618	0.67
6/23/2008 17:55	1.616	0.66
6/23/2008 18:00	1.614	0.66
6/23/2008 18:05	1.613	0.61
6/23/2008 18:10	1.612	0.61

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/23/2008 18:15	1.61	0.7
6/23/2008 18:20	1.608	0.69
6/23/2008 18:25	1.607	0.66
6/23/2008 18:30	1.606	0.66
6/23/2008 18:35	1.604	0.64
6/23/2008 18:40	1.602	0.67
6/23/2008 18:45	1.601	0.61
6/23/2008 18:50	1.6	0.65
6/23/2008 18:55	1.598	0.61
6/23/2008 19:00	1.597	0.67
6/23/2008 19:05	1.596	0.67
6/23/2008 19:10	1.595	0.63
6/23/2008 19:15	1.594	0.62
6/23/2008 19:20	1.593	0.62
6/23/2008 19:25	1.592	0.63
6/23/2008 19:30	1.591	0.66
6/23/2008 19:35	1.591	0.59
6/23/2008 19:40	1.59	0.65
6/23/2008 19:45	1.588	0.62
6/23/2008 19:50	1.588	0.64
6/23/2008 19:55	1.586	0.63
6/23/2008 20:00	1.586	0.63
6/23/2008 20:05	1.585	0.6
6/23/2008 20:10	1.585	0.61
6/23/2008 20:15	1.584	0.64
6/23/2008 20:20	1.583	0.62
6/23/2008 20:25	1.583	0.66
6/23/2008 20:30	1.581	0.64
6/23/2008 20:35	1.58	0.65
6/23/2008 20:40	1.577	0.65
6/23/2008 20:45	1.578	0.62
6/23/2008 20:50	1.576	0.64
6/23/2008 20:55	1.575	0.64
6/23/2008 21:00	1.575	0.65
6/23/2008 21:05	1.574	0.64
6/23/2008 21:10	1.572	0.6
6/23/2008 21:15	1.571	0.61
6/23/2008 21:20	1.57	0.64
6/23/2008 21:25	1.569	0.63
6/23/2008 21:30	1.569	0.66
6/23/2008 21:35	1.567	0.65
6/23/2008 21:40	1.567	0.63
6/23/2008 21:45	1.566	0.63
6/23/2008 21:50	1.565	0.64

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/23/2008 21:55	1.564	0.64
6/23/2008 22:00	1.563	0.63
6/23/2008 22:05	1.563	0.6
6/23/2008 22:10	1.562	0.63
6/23/2008 22:15	1.561	0.66
6/23/2008 22:20	1.561	0.62
6/23/2008 22:25	1.559	0.65
6/23/2008 22:30	1.558	0.6
6/23/2008 22:35	1.558	0.56
6/23/2008 22:40	1.557	0.61
6/23/2008 22:45	1.557	0.61
6/23/2008 22:50	1.557	0.59
6/23/2008 22:55	1.555	0.65
6/23/2008 23:00	1.555	0.56
6/23/2008 23:05	1.555	0.59
6/23/2008 23:10	1.554	0.64
6/23/2008 23:15	1.554	0.6
6/23/2008 23:20	1.553	0.72
6/23/2008 23:25	1.552	0.62
6/23/2008 23:30	1.55	0.59
6/23/2008 23:35	1.549	0.64
6/23/2008 23:40	1.55	0.6
6/23/2008 23:45	1.549	0.57
6/23/2008 23:50	1.548	0.57
6/23/2008 23:55	1.548	0.61
6/24/2008 0:00	1.547	0.6
6/24/2008 0:05	1.547	0.63
6/24/2008 0:10	1.546	0.59
6/24/2008 0:15	1.544	0.57
6/24/2008 0:20	1.545	0.64
6/24/2008 0:25	1.544	0.64
6/24/2008 0:30	1.544	0.68
6/24/2008 0:35	1.543	0.66
6/24/2008 0:40	1.543	0.63
6/24/2008 0:45	1.544	0.72
6/24/2008 0:50	1.559	0.85
6/24/2008 0:55	1.594	0.78
6/24/2008 1:00	1.683	0.76
6/24/2008 1:05	1.724	0.76
6/24/2008 1:10	1.738	0.85
6/24/2008 1:15	1.799	0.73
6/24/2008 1:20	1.903	0.49
6/24/2008 1:25	1.934	0.52
6/24/2008 1:30	1.937	0.58

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 1:35	1.925	0.47
6/24/2008 1:40	1.901	0.47
6/24/2008 1:45	1.868	0.6
6/24/2008 1:50	1.833	0.59
6/24/2008 1:55	1.797	0.64
6/24/2008 2:00	1.759	0.61
6/24/2008 2:05	1.724	0.64
6/24/2008 2:10	1.696	0.67
6/24/2008 2:15	1.68	0.65
6/24/2008 2:20	1.671	0.63
6/24/2008 2:25	1.665	0.67
6/24/2008 2:30	1.661	0.64
6/24/2008 2:35	1.659	0.68
6/24/2008 2:40	1.657	0.65
6/24/2008 2:45	1.655	0.71
6/24/2008 2:50	1.655	0.68
6/24/2008 2:55	1.655	0.75
6/24/2008 3:00	1.654	0.66
6/24/2008 3:05	1.654	0.66
6/24/2008 3:10	1.654	0.7
6/24/2008 3:15	1.653	0.67
6/24/2008 3:20	1.652	0.69
6/24/2008 3:25	1.65	0.65
6/24/2008 3:30	1.649	0.65
6/24/2008 3:35	1.652	0.62
6/24/2008 3:40	1.652	0.66
6/24/2008 3:45	1.65	0.66
6/24/2008 3:50	1.649	0.69
6/24/2008 3:55	1.647	0.67
6/24/2008 4:00	1.644	0.67
6/24/2008 4:05	1.642	0.62
6/24/2008 4:10	1.642	0.69
6/24/2008 4:15	1.642	0.66
6/24/2008 4:20	1.641	0.65
6/24/2008 4:25	1.641	0.72
6/24/2008 4:30	1.641	0.61
6/24/2008 4:35	1.642	0.67
6/24/2008 4:40	1.607	0.61
6/24/2008 4:45	1.603	0.64
6/24/2008 4:50	1.585	0.55
6/24/2008 4:55	1.533	0.53
6/24/2008 5:00	1.523	0.55
6/24/2008 5:05	1.52	0.55
6/24/2008 5:10	1.52	0.54

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 5:15	1.52	0.51
6/24/2008 5:20	1.521	0.57
6/24/2008 5:25	1.521	0.52
6/24/2008 5:30	1.522	0.54
6/24/2008 5:35	1.522	0.56
6/24/2008 5:40	1.523	0.51
6/24/2008 5:45	1.524	0.56
6/24/2008 5:50	1.525	0.53
6/24/2008 5:55	1.526	0.55
6/24/2008 6:00	1.527	0.5
6/24/2008 6:05	1.527	0.53
6/24/2008 6:10	1.528	0.51
6/24/2008 6:15	1.528	0.55
6/24/2008 6:20	1.529	0.55
6/24/2008 6:25	1.53	0.51
6/24/2008 6:30	1.531	0.55
6/24/2008 6:35	1.531	0.53
6/24/2008 6:40	1.531	0.55
6/24/2008 6:45	1.532	0.56
6/24/2008 6:50	1.533	0.55
6/24/2008 6:55	1.534	0.55
6/24/2008 7:00	1.534	0.56
6/24/2008 7:05	1.535	0.54
6/24/2008 7:10	1.535	0.57
6/24/2008 7:15	1.536	0.55
6/24/2008 7:20	1.536	0.62
6/24/2008 7:25	1.537	0.54
6/24/2008 7:30	1.536	0.53
6/24/2008 7:35	1.538	0.53
6/24/2008 7:40	1.538	0.56
6/24/2008 7:45	1.539	0.54
6/24/2008 7:50	1.54	0.61
6/24/2008 7:55	1.54	0.54
6/24/2008 8:00	1.54	0.57
6/24/2008 8:05	1.541	0.58
6/24/2008 8:10	1.541	0.55
6/24/2008 8:15	1.563	0.6
6/24/2008 8:20	1.728	0.85
6/24/2008 8:25	1.831	0.89
6/24/2008 8:30	1.842	0.94
6/24/2008 8:35	1.846	0.96
6/24/2008 8:40	1.848	0.84
6/24/2008 8:45	1.847	0.96
6/24/2008 8:50	1.847	0.86

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 8:55	1.845	0.96
6/24/2008 9:00	1.843	0.91
6/24/2008 9:05	1.84	0.93
6/24/2008 9:10	1.836	0.92
6/24/2008 9:15	1.833	0.95
6/24/2008 9:20	1.831	0.88
6/24/2008 9:25	1.827	0.91
6/24/2008 9:30	1.827	0.87
6/24/2008 9:35	1.822	0.84
6/24/2008 9:40	1.821	0.86
6/24/2008 9:45	1.819	0.84
6/24/2008 9:50	1.816	0.88
6/24/2008 9:55	1.815	0.91
6/24/2008 10:00	1.812	0.88
6/24/2008 10:05	1.81	0.86
6/24/2008 10:10	1.808	0.88
6/24/2008 10:15	1.805	0.86
6/24/2008 10:20	1.802	0.9
6/24/2008 10:25	1.8	0.82
6/24/2008 10:30	1.796	0.86
6/24/2008 10:35	1.794	0.87
6/24/2008 10:40	1.79	0.84
6/24/2008 10:45	1.788	0.8
6/24/2008 10:50	1.786	0.83
6/24/2008 10:55	1.783	0.83
6/24/2008 11:00	1.783	0.85
6/24/2008 11:05	1.78	0.8
6/24/2008 11:10	1.778	0.83
6/24/2008 11:15	1.776	0.88
6/24/2008 11:20	1.773	0.77
6/24/2008 11:25	1.771	0.81
6/24/2008 11:30	1.77	0.83
6/24/2008 11:35	1.767	0.83
6/24/2008 11:40	1.765	0.85
6/24/2008 11:45	1.761	0.75
6/24/2008 11:50	1.759	0.78
6/24/2008 11:55	1.757	0.85
6/24/2008 12:00	1.753	0.85
6/24/2008 12:05	1.752	0.83
6/24/2008 12:10	1.749	0.84
6/24/2008 12:15	1.746	0.78
6/24/2008 12:20	1.745	0.87
6/24/2008 12:25	1.741	0.81
6/24/2008 12:30	1.74	0.74

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 12:35	1.738	0.77
6/24/2008 12:40	1.735	0.77
6/24/2008 12:45	1.733	0.76
6/24/2008 12:50	1.73	0.77
6/24/2008 12:55	1.727	0.75
6/24/2008 13:00	1.725	0.75
6/24/2008 13:05	1.723	0.71
6/24/2008 13:10	1.72	0.73
6/24/2008 13:15	1.715	0.76
6/24/2008 13:20	1.715	0.85
6/24/2008 13:25	1.712	0.75
6/24/2008 13:30	1.709	0.76
6/24/2008 13:35	1.709	0.8
6/24/2008 13:40	1.707	0.73
6/24/2008 13:45	1.704	0.78
6/24/2008 13:50	1.701	0.7
6/24/2008 13:55	1.698	0.77
6/24/2008 14:00	1.695	0.73
6/24/2008 14:05	1.692	0.66
6/24/2008 14:10	1.691	0.73
6/24/2008 14:15	1.686	0.75
6/24/2008 14:20	1.686	0.72
6/24/2008 14:25	1.683	0.8
6/24/2008 14:30	1.679	0.74
6/24/2008 14:35	1.677	0.76
6/24/2008 14:40	1.675	0.76
6/24/2008 14:45	1.673	0.73
6/24/2008 14:50	1.669	0.77
6/24/2008 14:55	1.667	0.71
6/24/2008 15:00	1.663	0.77
6/24/2008 15:05	1.662	0.73
6/24/2008 15:10	1.659	0.69
6/24/2008 15:15	1.658	0.76
6/24/2008 15:20	1.656	0.68
6/24/2008 15:25	1.653	0.74
6/24/2008 15:30	1.651	0.72
6/24/2008 15:35	1.651	0.72
6/24/2008 15:40	1.649	0.72
6/24/2008 15:45	1.645	0.79
6/24/2008 15:50	1.645	0.74
6/24/2008 15:55	1.643	0.69
6/24/2008 16:00	1.642	0.73
6/24/2008 16:05	1.64	0.74
6/24/2008 16:10	1.639	0.71

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 16:15	1.637	0.76
6/24/2008 16:20	1.635	0.72
6/24/2008 16:25	1.632	0.75
6/24/2008 16:30	1.63	0.78
6/24/2008 16:35	1.628	0.64
6/24/2008 16:40	1.627	0.7
6/24/2008 16:45	1.625	0.79
6/24/2008 16:50	1.625	0.67
6/24/2008 16:55	1.622	0.73
6/24/2008 17:00	1.619	0.68
6/24/2008 17:05	1.618	0.69
6/24/2008 17:10	1.615	0.74
6/24/2008 17:15	1.614	0.68
6/24/2008 17:20	1.613	0.7
6/24/2008 17:25	1.611	0.71
6/24/2008 17:30	1.61	0.71
6/24/2008 17:35	1.609	0.68
6/24/2008 17:40	1.608	0.61
6/24/2008 17:45	1.607	0.68
6/24/2008 17:50	1.606	0.62
6/24/2008 17:55	1.604	0.74
6/24/2008 18:00	1.602	0.67
6/24/2008 18:05	1.602	0.61
6/24/2008 18:10	1.6	0.7
6/24/2008 18:15	1.597	0.69
6/24/2008 18:20	1.596	0.7
6/24/2008 18:25	1.595	0.7
6/24/2008 18:30	1.594	0.66
6/24/2008 18:35	1.593	0.68
6/24/2008 18:40	1.591	0.68
6/24/2008 18:45	1.59	0.64
6/24/2008 18:50	1.589	0.63
6/24/2008 18:55	1.588	0.7
6/24/2008 19:00	1.587	0.66
6/24/2008 19:05	1.586	0.66
6/24/2008 19:10	1.583	0.61
6/24/2008 19:15	1.584	0.68
6/24/2008 19:20	1.583	0.64
6/24/2008 19:25	1.582	0.7
6/24/2008 19:30	1.579	0.69
6/24/2008 19:35	1.579	0.62
6/24/2008 19:40	1.577	0.69
6/24/2008 19:45	1.576	0.68
6/24/2008 19:50	1.575	0.73

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 19:55	1.574	0.71
6/24/2008 20:00	1.573	0.64
6/24/2008 20:05	1.572	0.65
6/24/2008 20:10	1.572	0.71
6/24/2008 20:15	1.571	0.69
6/24/2008 20:20	1.572	0.64
6/24/2008 20:25	1.57	0.7
6/24/2008 20:30	1.57	0.66
6/24/2008 20:35	1.569	0.68
6/24/2008 20:40	1.569	0.68
6/24/2008 20:45	1.57	0.67
6/24/2008 20:50	1.55	0.61
6/24/2008 20:55	1.537	0.63
6/24/2008 21:00	1.525	0.62
6/24/2008 21:05	1.511	0.67
6/24/2008 21:10	1.502	0.58
6/24/2008 21:15	1.499	0.59
6/24/2008 21:20	1.498	0.59
6/24/2008 21:25	1.496	0.59
6/24/2008 21:30	1.494	0.58
6/24/2008 21:35	1.491	0.6
6/24/2008 21:40	1.489	0.58
6/24/2008 21:45	1.49	0.58
6/24/2008 21:50	1.489	0.61
6/24/2008 21:55	1.49	0.55
6/24/2008 22:00	1.488	0.59
6/24/2008 22:05	1.488	0.61
6/24/2008 22:10	1.489	0.52
6/24/2008 22:15	1.489	0.59
6/24/2008 22:20	1.484	0.52
6/24/2008 22:25	1.477	0.53
6/24/2008 22:30	1.472	0.58
6/24/2008 22:35	1.463	0.56
6/24/2008 22:40	1.458	0.55
6/24/2008 22:45	1.449	0.54
6/24/2008 22:50	1.443	0.57
6/24/2008 22:55	1.443	0.53
6/24/2008 23:00	1.438	0.54
6/24/2008 23:05	1.439	0.54
6/24/2008 23:10	1.44	0.52
6/24/2008 23:15	1.44	0.54
6/24/2008 23:20	1.438	0.51
6/24/2008 23:25	1.439	0.52
6/24/2008 23:30	1.439	0.53

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/24/2008 23:35	1.438	0.56
6/24/2008 23:40	1.438	0.53
6/24/2008 23:45	1.438	0.51
6/24/2008 23:50	1.439	0.5
6/24/2008 23:55	1.439	0.57
6/25/2008 0:00	1.438	0.51
6/25/2008 0:05	1.439	0.51
6/25/2008 0:10	1.44	0.51
6/25/2008 0:15	1.439	0.54
6/25/2008 0:20	1.437	0.5
6/25/2008 0:25	1.411	0.48
6/25/2008 0:30	1.372	0.45
6/25/2008 0:35	1.333	0.45
6/25/2008 0:40	1.312	0.44
6/25/2008 0:45	1.302	0.43
6/25/2008 0:50	1.297	0.44
6/25/2008 0:55	1.293	0.39
6/25/2008 1:00	1.288	0.4
6/25/2008 1:05	1.285	0.43
6/25/2008 1:10	1.279	0.89
6/25/2008 1:15	1.276	0.39
6/25/2008 1:20	1.272	0.41
6/25/2008 1:25	1.26	0.36
6/25/2008 1:30	1.258	0.38
6/25/2008 1:35	1.252	0.36
6/25/2008 1:40	1.248	0.37
6/25/2008 1:45	1.243	0.39
6/25/2008 1:50	1.245	0.41
6/25/2008 1:55	1.245	0.36
6/25/2008 2:00	1.241	0.37
6/25/2008 2:05	1.237	0.37
6/25/2008 2:10	1.236	0.36
6/25/2008 2:15	1.236	0.36
6/25/2008 2:20	1.236	0.39
6/25/2008 2:25	1.237	0.39
6/25/2008 2:30	1.234	0.39
6/25/2008 2:35	1.23	0.38
6/25/2008 2:40	1.23	0.33
6/25/2008 2:45	1.231	0.33
6/25/2008 2:50	1.232	0.33
6/25/2008 2:55	1.233	0.39
6/25/2008 3:00	1.23	0.4
6/25/2008 3:05	1.229	0.4
6/25/2008 3:10	1.228	0.4

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 3:15	1.225	0.35
6/25/2008 3:20	1.225	0.37
6/25/2008 3:25	1.226	0.35
6/25/2008 3:30	1.227	0.36
6/25/2008 3:35	1.227	0.33
6/25/2008 3:40	1.229	0.33
6/25/2008 3:45	1.229	0.35
6/25/2008 3:50	1.226	0.35
6/25/2008 3:55	1.221	0.3
6/25/2008 4:00	1.214	0.36
6/25/2008 4:05	1.205	0.35
6/25/2008 4:10	1.193	0.33
6/25/2008 4:15	1.186	0.35
6/25/2008 4:20	1.182	0.33
6/25/2008 4:25	1.178	0.34
6/25/2008 4:30	1.175	0.33
6/25/2008 4:35	1.173	0.31
6/25/2008 4:40	1.175	0.31
6/25/2008 4:45	1.176	0.35
6/25/2008 4:50	1.177	0.32
6/25/2008 4:55	1.176	0.33
6/25/2008 5:00	1.171	0.33
6/25/2008 5:05	1.164	0.32
6/25/2008 5:10	1.156	0.3
6/25/2008 5:15	1.148	0.32
6/25/2008 5:20	1.141	0.32
6/25/2008 5:25	1.14	0.31
6/25/2008 5:30	1.137	0.31
6/25/2008 5:35	1.135	0.33
6/25/2008 5:40	1.136	0.33
6/25/2008 5:45	1.136	0.31
6/25/2008 5:50	1.136	0.34
6/25/2008 5:55	1.137	0.34
6/25/2008 6:00	1.139	0.32
6/25/2008 6:05	1.141	0.29
6/25/2008 6:10	1.142	0.29
6/25/2008 6:15	1.145	0.32
6/25/2008 6:20	1.146	0.32
6/25/2008 6:25	1.147	0.32
6/25/2008 6:30	1.15	0.32
6/25/2008 6:35	1.15	0.32
6/25/2008 6:40	1.152	0.31
6/25/2008 6:45	1.155	0.31
6/25/2008 6:50	1.156	0.31

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 6:55	1.158	0.31
6/25/2008 7:00	1.159	0.31
6/25/2008 7:05	1.162	0.36
6/25/2008 7:10	1.163	0.33
6/25/2008 7:15	1.165	0.32
6/25/2008 7:20	1.167	0.32
6/25/2008 7:25	1.168	0.32
6/25/2008 7:30	1.171	0.32
6/25/2008 7:35	1.171	0.32
6/25/2008 7:40	1.173	0.32
6/25/2008 7:45	1.175	0.31
6/25/2008 7:50	1.176	0.33
6/25/2008 7:55	1.178	0.3
6/25/2008 8:00	1.181	0.34
6/25/2008 8:05	1.183	0.34
6/25/2008 8:10	1.185	0.34
6/25/2008 8:15	1.186	0.33
6/25/2008 8:20	1.189	0.34
6/25/2008 8:25	1.191	0.34
6/25/2008 8:30	1.192	0.34
6/25/2008 8:35	1.194	0.35
6/25/2008 8:40	1.196	0.35
6/25/2008 8:45	1.277	0.45
6/25/2008 8:50	1.411	0.53
6/25/2008 8:55	1.437	0.53
6/25/2008 9:00	1.446	0.53
6/25/2008 9:05	1.47	0.51
6/25/2008 9:10	1.473	0.54
6/25/2008 9:15	1.472	0.51
6/25/2008 9:20	1.473	0.55
6/25/2008 9:25	1.472	0.51
6/25/2008 9:30	1.472	0.55
6/25/2008 9:35	1.471	0.54
6/25/2008 9:40	1.471	0.52
6/25/2008 9:45	1.47	0.57
6/25/2008 9:50	1.471	0.55
6/25/2008 9:55	1.468	0.56
6/25/2008 10:00	1.467	0.5
6/25/2008 10:05	1.467	0.54
6/25/2008 10:10	1.466	0.54
6/25/2008 10:15	1.465	0.54
6/25/2008 10:20	1.464	0.53
6/25/2008 10:25	1.463	0.53
6/25/2008 10:30	1.462	0.5

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 10:35	1.462	0.53
6/25/2008 10:40	1.462	0.54
6/25/2008 10:45	1.461	0.55
6/25/2008 10:50	1.46	0.5
6/25/2008 10:55	1.459	0.54
6/25/2008 11:00	1.458	0.51
6/25/2008 11:05	1.458	0.51
6/25/2008 11:10	1.458	0.55
6/25/2008 11:15	1.454	0.5
6/25/2008 11:20	1.455	0.51
6/25/2008 11:25	1.454	0.5
6/25/2008 11:30	1.452	0.58
6/25/2008 11:35	1.451	0.53
6/25/2008 11:40	1.451	0.5
6/25/2008 11:45	1.45	0.46
6/25/2008 11:50	1.448	0.54
6/25/2008 11:55	1.447	0.52
6/25/2008 12:00	1.446	0.5
6/25/2008 12:05	1.444	0.5
6/25/2008 12:10	1.444	0.54
6/25/2008 12:15	1.443	0.58
6/25/2008 12:20	1.443	0.48
6/25/2008 12:25	1.441	0.52
6/25/2008 12:30	1.439	0.52
6/25/2008 12:35	1.439	0.49
6/25/2008 12:40	1.438	0.51
6/25/2008 12:45	1.437	0.5
6/25/2008 12:50	1.435	0.54
6/25/2008 12:55	1.434	0.5
6/25/2008 13:00	1.434	0.47
6/25/2008 13:05	1.433	0.5
6/25/2008 13:10	1.432	0.52
6/25/2008 13:15	1.431	0.54
6/25/2008 13:20	1.428	0.51
6/25/2008 13:25	1.43	0.51
6/25/2008 13:30	1.428	0.51
6/25/2008 13:35	1.428	0.49
6/25/2008 13:40	1.428	0.51
6/25/2008 13:45	1.427	0.48
6/25/2008 13:50	1.426	0.53
6/25/2008 13:55	1.424	0.5
6/25/2008 14:00	1.423	0.54
6/25/2008 14:05	1.423	0.5
6/25/2008 14:10	1.422	0.55

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 14:15	1.421	0.48
6/25/2008 14:20	1.419	0.48
6/25/2008 14:25	1.42	0.5
6/25/2008 14:30	1.418	0.49
6/25/2008 14:35	1.418	0.44
6/25/2008 14:40	1.416	0.48
6/25/2008 14:45	1.414	0.48
6/25/2008 14:50	1.415	0.48
6/25/2008 14:55	1.412	0.48
6/25/2008 15:00	1.408	0.49
6/25/2008 15:05	1.407	0.49
6/25/2008 15:10	1.407	0.5
6/25/2008 15:15	1.406	0.49
6/25/2008 15:20	1.405	0.48
6/25/2008 15:25	1.407	0.49
6/25/2008 15:30	1.405	0.48
6/25/2008 15:35	1.405	0.47
6/25/2008 15:40	1.404	0.48
6/25/2008 15:45	1.404	0.51
6/25/2008 15:50	1.405	0.49
6/25/2008 15:55	1.402	0.49
6/25/2008 16:00	1.401	0.46
6/25/2008 16:05	1.4	0.49
6/25/2008 16:10	1.401	0.49
6/25/2008 16:15	1.398	0.48
6/25/2008 16:20	1.398	0.52
6/25/2008 16:25	1.397	0.44
6/25/2008 16:30	1.396	0.45
6/25/2008 16:35	1.396	0.45
6/25/2008 16:40	1.396	0.47
6/25/2008 16:45	1.393	0.47
6/25/2008 16:50	1.393	0.45
6/25/2008 16:55	1.393	0.48
6/25/2008 17:00	1.393	0.43
6/25/2008 17:05	1.393	0.5
6/25/2008 17:10	1.393	0.44
6/25/2008 17:15	1.39	0.47
6/25/2008 17:20	1.39	0.46
6/25/2008 17:25	1.389	0.49
6/25/2008 17:30	1.389	0.51
6/25/2008 17:35	1.39	0.45
6/25/2008 17:40	1.389	0.44
6/25/2008 17:45	1.388	0.52
6/25/2008 17:50	1.388	0.49

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 17:55	1.387	0.41
6/25/2008 18:00	1.387	0.47
6/25/2008 18:05	1.387	0.42
6/25/2008 18:10	1.386	0.45
6/25/2008 18:15	1.385	0.46
6/25/2008 18:20	1.385	0.51
6/25/2008 18:25	1.385	0.47
6/25/2008 18:30	1.385	0.48
6/25/2008 18:35	1.384	0.49
6/25/2008 18:40	1.384	0.53
6/25/2008 18:45	1.384	0.42
6/25/2008 18:50	1.384	0.48
6/25/2008 18:55	1.384	0.47
6/25/2008 19:00	1.384	0.46
6/25/2008 19:05	1.384	0.46
6/25/2008 19:10	1.384	0.47
6/25/2008 19:15	1.384	0.5
6/25/2008 19:20	1.363	0.43
6/25/2008 19:25	1.327	0.41
6/25/2008 19:30	1.307	0.43
6/25/2008 19:35	1.302	0.39
6/25/2008 19:40	1.3	0.42
6/25/2008 19:45	1.3	0.41
6/25/2008 19:50	1.284	0.37
6/25/2008 19:55	1.269	0.38
6/25/2008 20:00	1.248	0.38
6/25/2008 20:05	1.241	0.38
6/25/2008 20:10	1.223	0.37
6/25/2008 20:15	1.219	0.38
6/25/2008 20:20	1.22	0.37
6/25/2008 20:25	1.22	0.36
6/25/2008 20:30	1.221	0.38
6/25/2008 20:35	1.222	0.34
6/25/2008 20:40	1.222	0.34
6/25/2008 20:45	1.222	0.37
6/25/2008 20:50	1.223	0.38
6/25/2008 20:55	1.223	0.36
6/25/2008 21:00	1.224	0.38
6/25/2008 21:05	1.225	0.43
6/25/2008 21:10	1.225	0.36
6/25/2008 21:15	1.226	0.37
6/25/2008 21:20	1.226	0.37
6/25/2008 21:25	1.226	0.37
6/25/2008 21:30	1.227	0.37

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/25/2008 21:35	1.231	0.36
6/25/2008 21:40	1.232	0.38
6/25/2008 21:45	1.233	0.38
6/25/2008 21:50	1.234	0.38
6/25/2008 21:55	1.235	0.35
6/25/2008 22:00	1.234	0.37
6/25/2008 22:05	1.236	0.38
6/25/2008 22:10	1.237	0.36
6/25/2008 22:15	1.237	0.38
6/25/2008 22:20	1.237	0.38
6/25/2008 22:25	1.237	0.38
6/25/2008 22:30	1.237	0.38
6/25/2008 22:35	1.239	0.38
6/25/2008 22:40	1.24	0.38
6/25/2008 22:45	1.24	0.38
6/25/2008 22:50	1.241	0.45
6/25/2008 22:55	1.242	0.37
6/25/2008 23:00	1.242	0.4
6/25/2008 23:05	1.242	0.36
6/25/2008 23:10	1.242	0.37
6/25/2008 23:15	1.243	0.35
6/25/2008 23:20	1.244	0.33
6/25/2008 23:25	1.245	0.33
6/25/2008 23:30	1.245	0.36
6/25/2008 23:35	1.245	0.4
6/25/2008 23:40	1.245	0.45
6/25/2008 23:45	1.245	0.39
6/25/2008 23:50	1.246	0.34
6/25/2008 23:55	1.245	0.37
6/26/2008 0:00	1.231	0.46
6/26/2008 0:05	1.226	0.35
6/26/2008 0:10	1.224	0.35
6/26/2008 0:15	1.225	0.37
6/26/2008 0:20	1.226	0.35
6/26/2008 0:25	1.209	0.35
6/26/2008 0:30	1.203	0.33
6/26/2008 0:35	1.202	0.33
6/26/2008 0:40	1.193	0.34
6/26/2008 0:45	1.193	0.42
6/26/2008 0:50	1.19	0.42
6/26/2008 0:55	1.187	0.34
6/26/2008 1:00	1.185	0.34
6/26/2008 1:05	1.179	0.33
6/26/2008 1:10	1.167	0.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 1:15	1.16	0.32
6/26/2008 1:20	1.159	0.32
6/26/2008 1:25	1.159	0.38
6/26/2008 1:30	1.162	0.31
6/26/2008 1:35	1.16	0.33
6/26/2008 1:40	1.161	0.33
6/26/2008 1:45	1.165	0.34
6/26/2008 1:50	1.164	0.27
6/26/2008 1:55	1.167	0.31
6/26/2008 2:00	1.165	0.29
6/26/2008 2:05	1.166	0.36
6/26/2008 2:10	1.167	0.31
6/26/2008 2:15	1.165	0.28
6/26/2008 2:20	1.163	0.28
6/26/2008 2:25	1.156	0.31
6/26/2008 2:30	1.154	0.31
6/26/2008 2:35	1.152	0.31
6/26/2008 2:40	1.151	0.31
6/26/2008 2:45	1.151	0.32
6/26/2008 2:50	1.151	0.32
6/26/2008 2:55	1.144	0.31
6/26/2008 3:00	1.139	0.31
6/26/2008 3:05	1.139	0.32
6/26/2008 3:10	1.138	0.3
6/26/2008 3:15	1.138	0.31
6/26/2008 3:20	1.138	0.31
6/26/2008 3:25	1.138	0.3
6/26/2008 3:30	1.139	0.32
6/26/2008 3:35	1.14	0.32
6/26/2008 3:40	1.138	0.32
6/26/2008 3:45	1.134	0.32
6/26/2008 3:50	1.135	0.3
6/26/2008 3:55	1.134	0.3
6/26/2008 4:00	1.128	0.31
6/26/2008 4:05	1.122	0.3
6/26/2008 4:10	1.121	0.33
6/26/2008 4:15	1.121	0.33
6/26/2008 4:20	1.119	0.29
6/26/2008 4:25	1.119	0.3
6/26/2008 4:30	1.12	0.27
6/26/2008 4:35	1.124	0.32
6/26/2008 4:40	1.129	0.29
6/26/2008 4:45	1.128	0.29
6/26/2008 4:50	1.121	0.26

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 4:55	1.105	0.29
6/26/2008 5:00	1.097	0.26
6/26/2008 5:05	1.091	0.29
6/26/2008 5:10	1.084	0.22
6/26/2008 5:15	1.078	0.28
6/26/2008 5:20	1.075	0.28
6/26/2008 5:25	1.063	0.28
6/26/2008 5:30	1.058	0.28
6/26/2008 5:35	1.056	0.27
6/26/2008 5:40	1.056	0.27
6/26/2008 5:45	1.05	0.27
6/26/2008 5:50	1.045	0.26
6/26/2008 5:55	1.043	0.27
6/26/2008 6:00	1.043	0.26
6/26/2008 6:05	1.044	0.26
6/26/2008 6:10	1.046	0.26
6/26/2008 6:15	1.047	0.26
6/26/2008 6:20	1.049	0.26
6/26/2008 6:25	1.05	0.26
6/26/2008 6:30	1.05	0.26
6/26/2008 6:35	1.052	0.26
6/26/2008 6:40	1.053	0.26
6/26/2008 6:45	1.054	0.26
6/26/2008 6:50	1.056	0.29
6/26/2008 6:55	1.057	0.29
6/26/2008 7:00	1.058	0.29
6/26/2008 7:05	1.061	0.26
6/26/2008 7:10	1.062	0.43
6/26/2008 7:15	1.063	0.43
6/26/2008 7:20	1.064	0.43
6/26/2008 7:25	1.066	0.43
6/26/2008 7:30	1.067	0.27
6/26/2008 7:35	1.069	0.27
6/26/2008 7:40	1.07	0.27
6/26/2008 7:45	1.072	0.27
6/26/2008 7:50	1.073	0.27
6/26/2008 7:55	1.075	0.27
6/26/2008 8:00	1.076	0.27
6/26/2008 8:05	1.078	0.27
6/26/2008 8:10	1.08	0.27
6/26/2008 8:15	1.081	0.27
6/26/2008 8:20	1.083	0.29
6/26/2008 8:25	1.084	0.29
6/26/2008 8:30	1.085	0.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 8:35	1.086	0.3
6/26/2008 8:40	1.087	0.3
6/26/2008 8:45	1.089	0.3
6/26/2008 8:50	1.09	0.3
6/26/2008 8:55	1.091	0.3
6/26/2008 9:00	1.094	0.3
6/26/2008 9:05	1.096	0.3
6/26/2008 9:10	1.096	0.3
6/26/2008 9:15	1.097	0.27
6/26/2008 9:20	1.099	0.27
6/26/2008 9:25	1.101	0.27
6/26/2008 9:30	1.102	0.27
6/26/2008 9:35	1.105	0.28
6/26/2008 9:40	1.108	0.28
6/26/2008 9:45	1.113	0.26
6/26/2008 9:50	1.116	0.3
6/26/2008 9:55	1.118	0.32
6/26/2008 10:00	1.119	0.32
6/26/2008 10:05	1.12	0.29
6/26/2008 10:10	1.122	0.29
6/26/2008 10:15	1.123	0.29
6/26/2008 10:20	1.124	0.3
6/26/2008 10:25	1.125	0.26
6/26/2008 10:30	1.126	0.29
6/26/2008 10:35	1.128	0.3
6/26/2008 10:40	1.129	0.3
6/26/2008 10:45	1.129	0.3
6/26/2008 10:50	1.13	0.3
6/26/2008 10:55	1.132	0.31
6/26/2008 11:00	1.133	0.3
6/26/2008 11:05	1.135	0.3
6/26/2008 11:10	1.135	0.3
6/26/2008 11:15	1.137	0.31
6/26/2008 11:20	1.139	0.31
6/26/2008 11:25	1.14	0.45
6/26/2008 11:30	1.142	0.29
6/26/2008 11:35	1.143	0.31
6/26/2008 11:40	1.144	0.31
6/26/2008 11:45	1.144	0.31
6/26/2008 11:50	1.146	0.29
6/26/2008 11:55	1.147	0.32
6/26/2008 12:00	1.149	0.3
6/26/2008 12:05	1.151	0.3
6/26/2008 12:10	1.152	0.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 12:15	1.154	0.3
6/26/2008 12:20	1.155	0.31
6/26/2008 12:25	1.156	0.32
6/26/2008 12:30	1.157	0.32
6/26/2008 12:35	1.159	0.33
6/26/2008 12:40	1.16	0.28
6/26/2008 12:45	1.161	0.3
6/26/2008 12:50	1.163	0.32
6/26/2008 12:55	1.165	0.32
6/26/2008 13:00	1.167	0.31
6/26/2008 13:05	1.17	0.29
6/26/2008 13:10	1.171	0.51
6/26/2008 13:15	1.171	0.32
6/26/2008 13:20	1.172	0.29
6/26/2008 13:25	1.174	0.3
6/26/2008 13:30	1.174	0.32
6/26/2008 13:35	1.175	0.29
6/26/2008 13:40	1.176	0.29
6/26/2008 13:45	1.177	0.3
6/26/2008 13:50	1.178	0.33
6/26/2008 13:55	1.18	0.32
6/26/2008 14:00	1.18	0.32
6/26/2008 14:05	1.182	0.31
6/26/2008 14:10	1.184	0.33
6/26/2008 14:15	1.185	0.33
6/26/2008 14:20	1.186	0.33
6/26/2008 14:25	1.187	0.34
6/26/2008 14:30	1.187	0.35
6/26/2008 14:35	1.188	0.29
6/26/2008 14:40	1.19	0.29
6/26/2008 14:45	1.19	0.33
6/26/2008 14:50	1.192	0.34
6/26/2008 14:55	1.192	0.56
6/26/2008 15:00	1.192	0.33
6/26/2008 15:05	1.193	0.3
6/26/2008 15:10	1.194	0.33
6/26/2008 15:15	1.194	0.31
6/26/2008 15:20	1.196	0.54
6/26/2008 15:25	1.196	0.29
6/26/2008 15:30	1.196	0.33
6/26/2008 15:35	1.196	0.31
6/26/2008 15:40	1.197	0.33
6/26/2008 15:45	1.197	0.32
6/26/2008 15:50	1.198	0.33

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 15:55	1.198	0.33
6/26/2008 16:00	1.198	0.33
6/26/2008 16:05	1.199	0.33
6/26/2008 16:10	1.2	0.33
6/26/2008 16:15	1.199	0.45
6/26/2008 16:20	1.2	0.34
6/26/2008 16:25	1.201	0.35
6/26/2008 16:30	1.202	0.32
6/26/2008 16:35	1.202	0.38
6/26/2008 16:40	1.203	0.38
6/26/2008 16:45	1.203	0.34
6/26/2008 16:50	1.204	0.34
6/26/2008 16:55	1.204	0.32
6/26/2008 17:00	1.204	0.32
6/26/2008 17:05	1.206	0.34
6/26/2008 17:10	1.206	0.34
6/26/2008 17:15	1.207	0.32
6/26/2008 17:20	1.208	0.33
6/26/2008 17:25	1.209	0.31
6/26/2008 17:30	1.209	0.33
6/26/2008 17:35	1.21	0.33
6/26/2008 17:40	1.21	0.33
6/26/2008 17:45	1.211	0.32
6/26/2008 17:50	1.211	0.35
6/26/2008 17:55	1.212	0.32
6/26/2008 18:00	1.212	0.35
6/26/2008 18:05	1.212	0.34
6/26/2008 18:10	1.213	0.32
6/26/2008 18:15	1.213	0.34
6/26/2008 18:20	1.214	0.35
6/26/2008 18:25	1.215	0.34
6/26/2008 18:30	1.215	0.32
6/26/2008 18:35	1.216	0.34
6/26/2008 18:40	1.214	0.34
6/26/2008 18:45	1.215	0.34
6/26/2008 18:50	1.216	0.36
6/26/2008 18:55	1.216	0.32
6/26/2008 19:00	1.217	0.35
6/26/2008 19:05	1.217	0.33
6/26/2008 19:10	1.218	0.33
6/26/2008 19:15	1.218	0.29
6/26/2008 19:20	1.218	0.34
6/26/2008 19:25	1.219	0.35
6/26/2008 19:30	1.22	0.36

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 19:35	1.22	0.33
6/26/2008 19:40	1.224	0.33
6/26/2008 19:45	1.224	0.32
6/26/2008 19:50	1.225	0.33
6/26/2008 19:55	1.226	0.35
6/26/2008 20:00	1.226	0.34
6/26/2008 20:05	1.226	0.34
6/26/2008 20:10	1.227	0.35
6/26/2008 20:15	1.224	0.32
6/26/2008 20:20	1.223	0.32
6/26/2008 20:25	1.225	0.32
6/26/2008 20:30	1.215	0.32
6/26/2008 20:35	1.203	0.35
6/26/2008 20:40	1.202	0.33
6/26/2008 20:45	1.203	0.33
6/26/2008 20:50	1.203	0.35
6/26/2008 20:55	1.202	0.32
6/26/2008 21:00	1.201	0.33
6/26/2008 21:05	1.201	0.33
6/26/2008 21:10	1.201	0.31
6/26/2008 21:15	1.202	0.35
6/26/2008 21:20	1.202	0.35
6/26/2008 21:25	1.202	0.35
6/26/2008 21:30	1.201	0.35
6/26/2008 21:35	1.203	0.3
6/26/2008 21:40	1.203	0.33
6/26/2008 21:45	1.203	0.34
6/26/2008 21:50	1.203	0.32
6/26/2008 21:55	1.203	0.36
6/26/2008 22:00	1.204	0.36
6/26/2008 22:05	1.204	0.34
6/26/2008 22:10	1.204	0.31
6/26/2008 22:15	1.204	0.35
6/26/2008 22:20	1.204	0.35
6/26/2008 22:25	1.204	0.33
6/26/2008 22:30	1.205	0.35
6/26/2008 22:35	1.206	0.35
6/26/2008 22:40	1.207	0.35
6/26/2008 22:45	1.207	0.35
6/26/2008 22:50	1.207	0.33
6/26/2008 22:55	1.208	0.34
6/26/2008 23:00	1.208	0.35
6/26/2008 23:05	1.209	0.32
6/26/2008 23:10	1.208	0.34

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/26/2008 23:15	1.209	0.35
6/26/2008 23:20	1.209	0.33
6/26/2008 23:25	1.21	0.33
6/26/2008 23:30	1.21	0.33
6/26/2008 23:35	1.207	0.33
6/26/2008 23:40	1.207	0.33
6/26/2008 23:45	1.207	0.34
6/26/2008 23:50	1.207	0.35
6/26/2008 23:55	1.207	0.32
6/27/2008 0:00	1.206	0.32
6/27/2008 0:05	1.207	0.35
6/27/2008 0:10	1.207	0.37
6/27/2008 0:15	1.207	0.34
6/27/2008 0:20	1.208	0.35
6/27/2008 0:25	1.208	0.62
6/27/2008 0:30	1.209	0.39
6/27/2008 0:35	1.209	0.35
6/27/2008 0:40	1.21	0.34
6/27/2008 0:45	1.211	0.34
6/27/2008 0:50	1.21	0.34
6/27/2008 0:55	1.21	0.35
6/27/2008 1:00	1.21	0.35
6/27/2008 1:05	1.211	0.35
6/27/2008 1:10	1.211	0.32
6/27/2008 1:15	1.211	0.31
6/27/2008 1:20	1.211	0.4
6/27/2008 1:25	1.212	0.36
6/27/2008 1:30	1.212	0.38
6/27/2008 1:35	1.213	0.32
6/27/2008 1:40	1.214	0.33
6/27/2008 1:45	1.213	0.34
6/27/2008 1:50	1.213	0.39
6/27/2008 1:55	1.214	0.34
6/27/2008 2:00	1.213	0.34
6/27/2008 2:05	1.214	0.33
6/27/2008 2:10	1.214	0.34
6/27/2008 2:15	1.2	0.34
6/27/2008 2:20	1.183	0.34
6/27/2008 2:25	1.168	0.37
6/27/2008 2:30	1.153	0.37
6/27/2008 2:35	1.141	0.3
6/27/2008 2:40	1.141	0.31
6/27/2008 2:45	1.14	0.31
6/27/2008 2:50	1.141	0.31

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 2:55	1.141	0.32
6/27/2008 3:00	1.141	0.33
6/27/2008 3:05	1.141	0.32
6/27/2008 3:10	1.136	0.31
6/27/2008 3:15	1.127	0.34
6/27/2008 3:20	1.124	0.34
6/27/2008 3:25	1.118	0.34
6/27/2008 3:30	1.116	0.31
6/27/2008 3:35	1.114	0.3
6/27/2008 3:40	1.114	0.3
6/27/2008 3:45	1.107	0.3
6/27/2008 3:50	1.097	0.26
6/27/2008 3:55	1.094	0.26
6/27/2008 4:00	1.092	0.31
6/27/2008 4:05	1.093	0.31
6/27/2008 4:10	1.095	0.3
6/27/2008 4:15	1.096	0.3
6/27/2008 4:20	1.097	0.65
6/27/2008 4:25	1.097	0.65
6/27/2008 4:30	1.099	0.27
6/27/2008 4:35	1.097	0.28
6/27/2008 4:40	1.091	0.28
6/27/2008 4:45	1.085	0.31
6/27/2008 4:50	1.082	0.28
6/27/2008 4:55	1.084	0.28
6/27/2008 5:00	1.086	0.28
6/27/2008 5:05	1.084	0.28
6/27/2008 5:10	1.084	0.29
6/27/2008 5:15	1.085	0.29
6/27/2008 5:20	1.085	0.28
6/27/2008 5:25	1.084	0.29
6/27/2008 5:30	1.082	0.29
6/27/2008 5:35	1.081	0.29
6/27/2008 5:40	1.082	0.27
6/27/2008 5:45	1.082	0.28
6/27/2008 5:50	1.083	0.28
6/27/2008 5:55	1.084	0.28
6/27/2008 6:00	1.084	0.29
6/27/2008 6:05	1.087	0.3
6/27/2008 6:10	1.088	0.3
6/27/2008 6:15	1.089	0.3
6/27/2008 6:20	1.09	0.3
6/27/2008 6:25	1.091	0.29
6/27/2008 6:30	1.091	0.31

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 6:35	1.096	0.3
6/27/2008 6:40	1.098	0.3
6/27/2008 6:45	1.099	0.29
6/27/2008 6:50	1.1	0.3
6/27/2008 6:55	1.102	0.3
6/27/2008 7:00	1.102	0.3
6/27/2008 7:05	1.103	0.3
6/27/2008 7:10	1.104	0.3
6/27/2008 7:15	1.105	0.3
6/27/2008 7:20	1.106	0.3
6/27/2008 7:25	1.107	0.3
6/27/2008 7:30	1.108	0.3
6/27/2008 7:35	1.11	0.31
6/27/2008 7:40	1.111	0.31
6/27/2008 7:45	1.111	0.36
6/27/2008 7:50	1.113	0.28
6/27/2008 7:55	1.115	0.28
6/27/2008 8:00	1.115	0.28
6/27/2008 8:05	1.116	0.3
6/27/2008 8:10	1.117	0.3
6/27/2008 8:15	1.119	0.3
6/27/2008 8:20	1.12	0.3
6/27/2008 8:25	1.121	0.29
6/27/2008 8:30	1.121	0.26
6/27/2008 8:35	1.122	0.3
6/27/2008 8:40	1.123	0.31
6/27/2008 8:45	1.123	0.31
6/27/2008 8:50	1.124	0.31
6/27/2008 8:55	1.125	0.29
6/27/2008 9:00	1.126	0.28
6/27/2008 9:05	1.128	0.28
6/27/2008 9:10	1.129	0.29
6/27/2008 9:15	1.129	0.29
6/27/2008 9:20	1.172	0.35
6/27/2008 9:25	1.465	0.47
6/27/2008 9:30	1.671	0.77
6/27/2008 9:35	1.734	0.79
6/27/2008 9:40	1.74	0.84
6/27/2008 9:45	1.741	0.72
6/27/2008 9:50	1.74	0.73
6/27/2008 9:55	1.74	0.7
6/27/2008 10:00	1.736	0.75
6/27/2008 10:05	1.734	0.73
6/27/2008 10:10	1.73	0.76

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 10:15	1.727	0.76
6/27/2008 10:20	1.723	0.75
6/27/2008 10:25	1.72	0.76
6/27/2008 10:30	1.716	0.75
6/27/2008 10:35	1.713	0.67
6/27/2008 10:40	1.71	0.73
6/27/2008 10:45	1.706	0.69
6/27/2008 10:50	1.703	0.79
6/27/2008 10:55	1.699	0.71
6/27/2008 11:00	1.696	0.69
6/27/2008 11:05	1.692	0.68
6/27/2008 11:10	1.688	0.77
6/27/2008 11:15	1.685	0.64
6/27/2008 11:20	1.682	0.66
6/27/2008 11:25	1.68	0.72
6/27/2008 11:30	1.675	0.72
6/27/2008 11:35	1.673	0.69
6/27/2008 11:40	1.67	0.67
6/27/2008 11:45	1.666	0.66
6/27/2008 11:50	1.664	0.63
6/27/2008 11:55	1.66	0.64
6/27/2008 12:00	1.656	0.66
6/27/2008 12:05	1.654	0.65
6/27/2008 12:10	1.651	0.57
6/27/2008 12:15	1.647	0.66
6/27/2008 12:20	1.646	0.65
6/27/2008 12:25	1.643	0.65
6/27/2008 12:30	1.639	0.6
6/27/2008 12:35	1.636	0.63
6/27/2008 12:40	1.634	0.63
6/27/2008 12:45	1.63	0.62
6/27/2008 12:50	1.629	0.69
6/27/2008 12:55	1.626	0.66
6/27/2008 13:00	1.622	0.62
6/27/2008 13:05	1.62	0.61
6/27/2008 13:10	1.617	0.72
6/27/2008 13:15	1.614	0.58
6/27/2008 13:20	1.611	0.66
6/27/2008 13:25	1.609	0.64
6/27/2008 13:30	1.606	0.61
6/27/2008 13:35	1.604	0.61
6/27/2008 13:40	1.602	0.63
6/27/2008 13:45	1.599	0.58
6/27/2008 13:50	1.596	0.56

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 13:55	1.592	0.59
6/27/2008 14:00	1.59	0.65
6/27/2008 14:05	1.588	0.62
6/27/2008 14:10	1.585	0.61
6/27/2008 14:15	1.583	0.62
6/27/2008 14:20	1.582	0.57
6/27/2008 14:25	1.579	0.56
6/27/2008 14:30	1.576	0.63
6/27/2008 14:35	1.575	0.63
6/27/2008 14:40	1.572	0.71
6/27/2008 14:45	1.569	0.52
6/27/2008 14:50	1.567	0.6
6/27/2008 14:55	1.566	0.55
6/27/2008 15:00	1.563	0.59
6/27/2008 15:05	1.561	0.65
6/27/2008 15:10	1.56	0.48
6/27/2008 15:15	1.556	0.62
6/27/2008 15:20	1.554	0.58
6/27/2008 15:25	1.553	0.58
6/27/2008 15:30	1.551	0.55
6/27/2008 15:35	1.55	0.58
6/27/2008 15:40	1.548	0.54
6/27/2008 15:45	1.546	0.52
6/27/2008 15:50	1.546	0.61
6/27/2008 15:55	1.542	0.49
6/27/2008 16:00	1.54	0.6
6/27/2008 16:05	1.539	0.53
6/27/2008 16:10	1.538	0.5
6/27/2008 16:15	1.536	0.57
6/27/2008 16:20	1.535	0.55
6/27/2008 16:25	1.533	0.52
6/27/2008 16:30	1.531	0.57
6/27/2008 16:35	1.529	0.59
6/27/2008 16:40	1.527	0.58
6/27/2008 16:45	1.524	0.53
6/27/2008 16:50	1.522	0.53
6/27/2008 16:55	1.52	0.53
6/27/2008 17:00	1.518	0.54
6/27/2008 17:05	1.517	0.49
6/27/2008 17:10	1.515	0.5
6/27/2008 17:15	1.513	0.51
6/27/2008 17:20	1.512	0.49
6/27/2008 17:25	1.51	0.54
6/27/2008 17:30	1.508	0.54

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 17:35	1.507	0.53
6/27/2008 17:40	1.505	0.49
6/27/2008 17:45	1.502	0.49
6/27/2008 17:50	1.501	0.56
6/27/2008 17:55	1.499	0.53
6/27/2008 18:00	1.497	0.53
6/27/2008 18:05	1.497	0.54
6/27/2008 18:10	1.494	0.58
6/27/2008 18:15	1.493	0.47
6/27/2008 18:20	1.491	0.56
6/27/2008 18:25	1.489	0.59
6/27/2008 18:30	1.487	0.47
6/27/2008 18:35	1.485	0.51
6/27/2008 18:40	1.484	0.54
6/27/2008 18:45	1.482	0.52
6/27/2008 18:50	1.481	0.48
6/27/2008 18:55	1.478	0.46
6/27/2008 19:00	1.477	0.49
6/27/2008 19:05	1.476	0.55
6/27/2008 19:10	1.475	0.5
6/27/2008 19:15	1.473	0.48
6/27/2008 19:20	1.472	0.46
6/27/2008 19:25	1.469	0.53
6/27/2008 19:30	1.469	0.47
6/27/2008 19:35	1.467	0.51
6/27/2008 19:40	1.466	0.55
6/27/2008 19:45	1.463	0.52
6/27/2008 19:50	1.452	0.49
6/27/2008 19:55	1.4	0.49
6/27/2008 20:00	1.341	0.4
6/27/2008 20:05	1.264	0.36
6/27/2008 20:10	1.218	0.3
6/27/2008 20:15	1.192	0.28
6/27/2008 20:20	1.171	0.3
6/27/2008 20:25	1.158	0.28
6/27/2008 20:30	1.155	0.3
6/27/2008 20:35	1.156	0.29
6/27/2008 20:40	1.154	0.26
6/27/2008 20:45	1.149	0.27
6/27/2008 20:50	1.147	0.27
6/27/2008 20:55	1.144	0.28
6/27/2008 21:00	1.142	0.27
6/27/2008 21:05	1.14	0.27
6/27/2008 21:10	1.13	0.28

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/27/2008 21:15	1.113	0.28
6/27/2008 21:20	1.102	0.26
6/27/2008 21:25	1.093	0.24
6/27/2008 21:30	1.087	0.26
6/27/2008 21:35	1.089	0.25
6/27/2008 21:40	1.091	0.25
6/27/2008 21:45	1.093	0.27
6/27/2008 21:50	1.093	0.27
6/27/2008 21:55	1.094	0.26
6/27/2008 22:00	1.093	0.26
6/27/2008 22:05	1.094	0.28
6/27/2008 22:10	1.093	0.23
6/27/2008 22:15	1.091	0.28
6/27/2008 22:20	1.091	0.28
6/27/2008 22:25	1.091	0.28
6/27/2008 22:30	1.093	0.26
6/27/2008 22:35	1.093	0.28
6/27/2008 22:40	1.094	0.27
6/27/2008 22:45	1.094	0.27
6/27/2008 22:50	1.095	0.29
6/27/2008 22:55	1.094	0.24
6/27/2008 23:00	1.094	0.27
6/27/2008 23:05	1.095	0.26
6/27/2008 23:10	1.095	0.27
6/27/2008 23:15	1.096	0.24
6/27/2008 23:20	1.097	0.27
6/27/2008 23:25	1.098	0.26
6/27/2008 23:30	1.097	0.25
6/27/2008 23:35	1.099	0.25
6/27/2008 23:40	1.1	0.25
6/27/2008 23:45	1.1	0.27
6/27/2008 23:50	1.101	0.26
6/27/2008 23:55	1.101	0.25
6/28/2008 0:00	1.102	0.25
6/28/2008 0:05	1.101	0.25
6/28/2008 0:10	1.101	0.28
6/28/2008 0:15	1.099	0.27
6/28/2008 0:20	1.1	0.26
6/28/2008 0:25	1.1	0.26
6/28/2008 0:30	1.1	0.26
6/28/2008 0:35	1.098	0.27
6/28/2008 0:40	1.093	0.26
6/28/2008 0:45	1.082	0.24
6/28/2008 0:50	1.072	0.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 0:55	1.069	0.24
6/28/2008 1:00	1.068	0.27
6/28/2008 1:05	1.068	0.28
6/28/2008 1:10	1.069	0.26
6/28/2008 1:15	1.07	0.25
6/28/2008 1:20	1.072	0.3
6/28/2008 1:25	1.074	0.27
6/28/2008 1:30	1.074	0.26
6/28/2008 1:35	1.076	0.29
6/28/2008 1:40	1.077	0.27
6/28/2008 1:45	1.078	0.24
6/28/2008 1:50	1.077	0.27
6/28/2008 1:55	1.079	0.29
6/28/2008 2:00	1.076	0.26
6/28/2008 2:05	1.064	0.24
6/28/2008 2:10	1.057	0.23
6/28/2008 2:15	1.05	0.25
6/28/2008 2:20	1.047	0.23
6/28/2008 2:25	1.046	0.23
6/28/2008 2:30	1.044	0.24
6/28/2008 2:35	1.046	0.23
6/28/2008 2:40	1.041	0.24
6/28/2008 2:45	1.046	0.24
6/28/2008 2:50	1.046	0.24
6/28/2008 2:55	1.039	0.24
6/28/2008 3:00	1.034	0.27
6/28/2008 3:05	1.031	0.27
6/28/2008 3:10	1.03	0.25
6/28/2008 3:15	1.026	0.24
6/28/2008 3:20	1.02	0.22
6/28/2008 3:25	1.017	0.23
6/28/2008 3:30	1.013	0.23
6/28/2008 3:35	1.011	0.23
6/28/2008 3:40	1.011	0.22
6/28/2008 3:45	1.011	0.22
6/28/2008 3:50	1.01	0.23
6/28/2008 3:55	1.006	0.24
6/28/2008 4:00	1.002	0.22
6/28/2008 4:05	1.011	0.22
6/28/2008 4:10	1.013	0.22
6/28/2008 4:15	1.016	0.22
6/28/2008 4:20	1.016	0.22
6/28/2008 4:25	1.016	0.22
6/28/2008 4:30	1.017	0.22

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 4:35	1.017	0.23
6/28/2008 4:40	1.019	0.23
6/28/2008 4:45	1.018	0.23
6/28/2008 4:50	1.017	0.25
6/28/2008 4:55	1.014	0.59
6/28/2008 5:00	1.002	0.24
6/28/2008 5:05	0.996	0.22
6/28/2008 5:10	0.993	0.22
6/28/2008 5:15	0.991	0.24
6/28/2008 5:20	0.991	0.21
6/28/2008 5:25	0.992	0.21
6/28/2008 5:30	0.992	0.21
6/28/2008 5:35	0.994	0.21
6/28/2008 5:40	0.987	0.21
6/28/2008 5:45	0.978	0.21
6/28/2008 5:50	0.97	0.21
6/28/2008 5:55	0.963	0.23
6/28/2008 6:00	0.959	0.22
6/28/2008 6:05	0.959	0.2
6/28/2008 6:10	0.96	0.2
6/28/2008 6:15	0.959	0.22
6/28/2008 6:20	0.961	0.22
6/28/2008 6:25	0.963	0.21
6/28/2008 6:30	0.965	0.21
6/28/2008 6:35	0.967	0.23
6/28/2008 6:40	0.969	0.23
6/28/2008 6:45	0.969	0.23
6/28/2008 6:50	0.971	0.23
6/28/2008 6:55	0.972	0.23
6/28/2008 7:00	0.973	0.23
6/28/2008 7:05	0.975	0.21
6/28/2008 7:10	0.977	0.23
6/28/2008 7:15	0.978	0.23
6/28/2008 7:20	0.979	0.23
6/28/2008 7:25	0.98	0.23
6/28/2008 7:30	0.982	0.24
6/28/2008 7:35	0.983	0.24
6/28/2008 7:40	0.985	0.23
6/28/2008 7:45	0.986	0.23
6/28/2008 7:50	0.988	0.22
6/28/2008 7:55	0.988	0.22
6/28/2008 8:00	0.99	0.26
6/28/2008 8:05	0.992	0.24
6/28/2008 8:10	0.993	0.24

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 8:15	0.995	0.22
6/28/2008 8:20	0.996	0.24
6/28/2008 8:25	0.998	0.24
6/28/2008 8:30	0.999	0.24
6/28/2008 8:35	1	0.24
6/28/2008 8:40	1.001	0.22
6/28/2008 8:45	1.003	0.22
6/28/2008 8:50	1.003	0.22
6/28/2008 8:55	1.005	0.25
6/28/2008 9:00	1.006	0.25
6/28/2008 9:05	1.008	0.24
6/28/2008 9:10	1.01	0.24
6/28/2008 9:15	1.011	0.21
6/28/2008 9:20	1.013	0.22
6/28/2008 9:25	1.014	0.22
6/28/2008 9:30	1.017	0.2
6/28/2008 9:35	1.019	0.25
6/28/2008 9:40	1.021	0.27
6/28/2008 9:45	1.022	0.27
6/28/2008 9:50	1.025	0.29
6/28/2008 9:55	1.026	0.24
6/28/2008 10:00	1.027	0.24
6/28/2008 10:05	1.028	0.23
6/28/2008 10:10	1.029	0.26
6/28/2008 10:15	1.029	0.24
6/28/2008 10:20	1.03	0.25
6/28/2008 10:25	1.031	0.25
6/28/2008 10:30	1.033	0.24
6/28/2008 10:35	1.035	0.27
6/28/2008 10:40	1.037	0.26
6/28/2008 10:45	1.038	0.26
6/28/2008 10:50	1.038	0.26
6/28/2008 10:55	1.038	0.26
6/28/2008 11:00	1.039	0.26
6/28/2008 11:05	1.04	0.31
6/28/2008 11:10	1.041	0.26
6/28/2008 11:15	1.042	0.27
6/28/2008 11:20	1.043	0.39
6/28/2008 11:25	1.044	0.27
6/28/2008 11:30	1.044	0.25
6/28/2008 11:35	1.045	0.25
6/28/2008 11:40	1.046	0.25
6/28/2008 11:45	1.046	0.27
6/28/2008 11:50	1.049	0.27

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 11:55	1.048	0.29
6/28/2008 12:00	1.05	0.29
6/28/2008 12:05	1.05	0.29
6/28/2008 12:10	1.052	0.6
6/28/2008 12:15	1.053	0.6
6/28/2008 12:20	1.053	0.27
6/28/2008 12:25	1.054	0.26
6/28/2008 12:30	1.055	0.26
6/28/2008 12:35	1.055	0.28
6/28/2008 12:40	1.056	0.24
6/28/2008 12:45	1.056	0.5
6/28/2008 12:50	1.058	0.24
6/28/2008 12:55	1.058	0.33
6/28/2008 13:00	1.059	0.26
6/28/2008 13:05	1.061	0.24
6/28/2008 13:10	1.061	0.3
6/28/2008 13:15	1.061	0.25
6/28/2008 13:20	1.062	0.25
6/28/2008 13:25	1.061	0.29
6/28/2008 13:30	1.063	0.29
6/28/2008 13:35	1.063	0.24
6/28/2008 13:40	1.064	0.28
6/28/2008 13:45	1.065	0.28
6/28/2008 13:50	1.065	0.28
6/28/2008 13:55	1.066	0.28
6/28/2008 14:00	1.066	0.26
6/28/2008 14:05	1.066	0.27
6/28/2008 14:10	1.066	0.25
6/28/2008 14:15	1.067	0.3
6/28/2008 14:20	1.066	0.25
6/28/2008 14:25	1.067	0.25
6/28/2008 14:30	1.067	0.27
6/28/2008 14:35	1.067	0.26
6/28/2008 14:40	1.068	0.28
6/28/2008 14:45	1.068	0.28
6/28/2008 14:50	1.068	0.27
6/28/2008 14:55	1.068	0.27
6/28/2008 15:00	1.068	0.29
6/28/2008 15:05	1.069	0.26
6/28/2008 15:10	1.068	0.41
6/28/2008 15:15	1.069	0.27
6/28/2008 15:20	1.07	0.29
6/28/2008 15:25	1.07	0.24
6/28/2008 15:30	1.071	0.27

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 15:35	1.071	0.29
6/28/2008 15:40	1.071	0.3
6/28/2008 15:45	1.072	0.29
6/28/2008 15:50	1.072	0.24
6/28/2008 15:55	1.072	0.28
6/28/2008 16:00	1.073	0.39
6/28/2008 16:05	1.073	0.31
6/28/2008 16:10	1.074	0.29
6/28/2008 16:15	1.074	0.28
6/28/2008 16:20	1.076	0.32
6/28/2008 16:25	1.075	0.27
6/28/2008 16:30	1.075	0.3
6/28/2008 16:35	1.076	0.28
6/28/2008 16:40	1.078	0.31
6/28/2008 16:45	1.078	0.28
6/28/2008 16:50	1.079	0.28
6/28/2008 16:55	1.08	0.27
6/28/2008 17:00	1.081	0.27
6/28/2008 17:05	1.081	0.28
6/28/2008 17:10	1.082	0.28
6/28/2008 17:15	1.082	0.27
6/28/2008 17:20	1.083	0.29
6/28/2008 17:25	1.083	0.32
6/28/2008 17:30	1.084	0.28
6/28/2008 17:35	1.085	0.27
6/28/2008 17:40	1.086	0.26
6/28/2008 17:45	1.086	0.27
6/28/2008 17:50	1.087	0.29
6/28/2008 17:55	1.087	0.28
6/28/2008 18:00	1.089	0.29
6/28/2008 18:05	1.092	0.35
6/28/2008 18:10	1.094	0.32
6/28/2008 18:15	1.095	0.28
6/28/2008 18:20	1.096	0.3
6/28/2008 18:25	1.097	0.29
6/28/2008 18:30	1.098	0.3
6/28/2008 18:35	1.099	0.27
6/28/2008 18:40	1.1	0.28
6/28/2008 18:45	1.1	0.3
6/28/2008 18:50	1.1	0.29
6/28/2008 18:55	1.1	0.31
6/28/2008 19:00	1.101	0.3
6/28/2008 19:05	1.101	0.29
6/28/2008 19:10	1.101	0.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 19:15	1.101	0.32
6/28/2008 19:20	1.103	0.35
6/28/2008 19:25	1.102	0.35
6/28/2008 19:30	1.102	0.32
6/28/2008 19:35	1.103	0.28
6/28/2008 19:40	1.103	0.27
6/28/2008 19:45	1.103	0.26
6/28/2008 19:50	1.104	0.31
6/28/2008 19:55	1.104	0.3
6/28/2008 20:00	1.104	0.27
6/28/2008 20:05	1.104	0.26
6/28/2008 20:10	1.106	0.26
6/28/2008 20:15	1.105	0.3
6/28/2008 20:20	1.106	0.57
6/28/2008 20:25	1.106	0.28
6/28/2008 20:30	1.103	0.27
6/28/2008 20:35	1.103	0.41
6/28/2008 20:40	1.103	0.3
6/28/2008 20:45	1.103	0.3
6/28/2008 20:50	1.103	0.27
6/28/2008 20:55	1.103	0.27
6/28/2008 21:00	1.104	0.28
6/28/2008 21:05	1.105	0.28
6/28/2008 21:10	1.106	0.31
6/28/2008 21:15	1.105	0.46
6/28/2008 21:20	1.106	0.26
6/28/2008 21:25	1.104	0.31
6/28/2008 21:30	1.104	0.32
6/28/2008 21:35	1.104	0.3
6/28/2008 21:40	1.105	0.3
6/28/2008 21:45	1.105	0.3
6/28/2008 21:50	1.106	0.28
6/28/2008 21:55	1.106	0.28
6/28/2008 22:00	1.108	0.29
6/28/2008 22:05	1.108	0.32
6/28/2008 22:10	1.109	0.29
6/28/2008 22:15	1.109	0.29
6/28/2008 22:20	1.111	0.3
6/28/2008 22:25	1.111	0.31
6/28/2008 22:30	1.112	0.28
6/28/2008 22:35	1.113	0.31
6/28/2008 22:40	1.114	0.3
6/28/2008 22:45	1.114	0.29
6/28/2008 22:50	1.114	0.31

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/28/2008 22:55	1.115	0.31
6/28/2008 23:00	1.115	0.29
6/28/2008 23:05	1.117	0.31
6/28/2008 23:10	1.118	0.32
6/28/2008 23:15	1.118	0.29
6/28/2008 23:20	1.118	0.28
6/28/2008 23:25	1.118	0.5
6/28/2008 23:30	1.118	0.3
6/28/2008 23:35	1.118	0.29
6/28/2008 23:40	1.119	0.31
6/28/2008 23:45	1.119	0.28
6/28/2008 23:50	1.12	0.25
6/28/2008 23:55	1.12	0.25
6/29/2008 0:00	1.145	0.29
6/29/2008 0:05	1.118	0.3
6/29/2008 0:10	1.119	0.24
6/29/2008 0:15	1.12	0.3
6/29/2008 0:20	1.12	0.28
6/29/2008 0:25	1.12	0.27
6/29/2008 0:30	1.121	0.27
6/29/2008 0:35	1.122	0.27
6/29/2008 0:40	1.122	0.27
6/29/2008 0:45	1.123	0.3
6/29/2008 0:50	1.124	0.3
6/29/2008 0:55	1.123	0.35
6/29/2008 1:00	1.121	0.35
6/29/2008 1:05	1.12	0.32
6/29/2008 1:10	1.12	0.32
6/29/2008 1:15	1.12	0.29
6/29/2008 1:20	1.121	0.29
6/29/2008 1:25	1.121	0.32
6/29/2008 1:30	1.122	0.61
6/29/2008 1:35	1.122	0.29
6/29/2008 1:40	1.123	0.32
6/29/2008 1:45	1.123	0.31
6/29/2008 1:50	1.121	0.43
6/29/2008 1:55	1.118	0.33
6/29/2008 2:00	1.119	0.28
6/29/2008 2:05	1.118	0.37
6/29/2008 2:10	1.117	0.98
6/29/2008 2:15	1.11	0.98
6/29/2008 2:20	1.107	0.28
6/29/2008 2:25	1.096	0.27
6/29/2008 2:30	1.089	0.3

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 2:35	1.086	0.28
6/29/2008 2:40	1.084	0.29
6/29/2008 2:45	1.082	0.31
6/29/2008 2:50	1.078	0.28
6/29/2008 2:55	1.076	0.26
6/29/2008 3:00	1.076	0.26
6/29/2008 3:05	1.076	0.3
6/29/2008 3:10	1.078	0.29
6/29/2008 3:15	1.077	0.29
6/29/2008 3:20	1.076	0.26
6/29/2008 3:25	1.075	0.27
6/29/2008 3:30	1.075	0.3
6/29/2008 3:35	1.077	0.24
6/29/2008 3:40	1.081	0.27
6/29/2008 3:45	1.065	0.25
6/29/2008 3:50	1.048	0.26
6/29/2008 3:55	1.029	0.27
6/29/2008 4:00	1.014	0.26
6/29/2008 4:05	1.005	0.25
6/29/2008 4:10	1	0.25
6/29/2008 4:15	0.993	0.27
6/29/2008 4:20	0.985	0.22
6/29/2008 4:25	0.979	0.24
6/29/2008 4:30	0.973	0.23
6/29/2008 4:35	0.97	0.25
6/29/2008 4:40	0.967	0.24
6/29/2008 4:45	0.962	0.24
6/29/2008 4:50	0.96	0.22
6/29/2008 4:55	0.956	0.22
6/29/2008 5:00	0.948	0.2
6/29/2008 5:05	0.94	0.24
6/29/2008 5:10	0.931	0.24
6/29/2008 5:15	0.932	0.24
6/29/2008 5:20	0.929	0.23
6/29/2008 5:25	0.928	0.23
6/29/2008 5:30	0.928	0.2
6/29/2008 5:35	0.929	0.2
6/29/2008 5:40	0.929	0.2
6/29/2008 5:45	0.929	0.2
6/29/2008 5:50	0.929	0.2
6/29/2008 5:55	0.929	0.3
6/29/2008 6:00	0.93	0.21
6/29/2008 6:05	0.931	0.21
6/29/2008 6:10	0.933	0.28

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 6:15	0.933	0.24
6/29/2008 6:20	0.936	0.24
6/29/2008 6:25	0.937	0.24
6/29/2008 6:30	0.937	0.23
6/29/2008 6:35	0.939	0.3
6/29/2008 6:40	0.94	0.25
6/29/2008 6:45	0.94	0.22
6/29/2008 6:50	0.941	0.22
6/29/2008 6:55	0.941	0.24
6/29/2008 7:00	0.942	0.25
6/29/2008 7:05	0.944	0.25
6/29/2008 7:10	0.946	0.23
6/29/2008 7:15	0.946	0.23
6/29/2008 7:20	0.947	0.23
6/29/2008 7:25	0.948	0.22
6/29/2008 7:30	0.948	0.22
6/29/2008 7:35	0.949	0.23
6/29/2008 7:40	0.951	0.25
6/29/2008 7:45	0.951	0.25
6/29/2008 7:50	0.952	0.26
6/29/2008 7:55	0.952	0.25
6/29/2008 8:00	0.953	0.21
6/29/2008 8:05	0.954	0.25
6/29/2008 8:10	0.955	0.26
6/29/2008 8:15	0.956	0.26
6/29/2008 8:20	0.958	0.26
6/29/2008 8:25	0.959	0.26
6/29/2008 8:30	0.959	0.22
6/29/2008 8:35	0.96	0.24
6/29/2008 8:40	0.96	0.27
6/29/2008 8:45	0.961	0.38
6/29/2008 8:50	0.962	0.26
6/29/2008 8:55	0.964	0.26
6/29/2008 9:00	0.965	0.26
6/29/2008 9:05	0.966	0.26
6/29/2008 9:10	0.967	0.28
6/29/2008 9:15	0.968	0.28
6/29/2008 9:20	0.971	0.27
6/29/2008 9:25	0.973	0.27
6/29/2008 9:30	0.972	0.27
6/29/2008 9:35	0.973	0.26
6/29/2008 9:40	0.974	0.27
6/29/2008 9:45	0.974	0.27
6/29/2008 9:50	0.976	0.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 9:55	0.977	0.26
6/29/2008 10:00	0.977	0.26
6/29/2008 10:05	0.979	0.25
6/29/2008 10:10	0.98	0.23
6/29/2008 10:15	0.98	0.22
6/29/2008 10:20	0.981	0.33
6/29/2008 10:25	0.981	0.33
6/29/2008 10:30	0.983	0.26
6/29/2008 10:35	0.983	0.25
6/29/2008 10:40	0.986	0.25
6/29/2008 10:45	0.986	0.25
6/29/2008 10:50	0.986	0.25
6/29/2008 10:55	0.985	0.25
6/29/2008 11:00	0.985	0.25
6/29/2008 11:05	0.987	0.25
6/29/2008 11:10	0.987	0.25
6/29/2008 11:15	0.988	0.23
6/29/2008 11:20	0.988	0.29
6/29/2008 11:25	0.989	0.24
6/29/2008 11:30	0.989	0.24
6/29/2008 11:35	0.991	0.24
6/29/2008 11:40	0.991	0.27
6/29/2008 11:45	0.992	0.25
6/29/2008 11:50	0.994	0.26
6/29/2008 11:55	0.994	0.26
6/29/2008 12:00	0.994	0.22
6/29/2008 12:05	0.996	0.25
6/29/2008 12:10	0.996	0.25
6/29/2008 12:15	0.997	0.25
6/29/2008 12:20	0.996	0.24
6/29/2008 12:25	0.998	0.24
6/29/2008 12:30	0.997	0.25
6/29/2008 12:35	0.997	0.25
6/29/2008 12:40	0.998	0.24
6/29/2008 12:45	0.998	0.24
6/29/2008 12:50	1	0.24
6/29/2008 12:55	1	0.23
6/29/2008 13:00	1	0.27
6/29/2008 13:05	1.001	0.28
6/29/2008 13:10	1.003	0.24
6/29/2008 13:15	1.003	0.26
6/29/2008 13:20	1.003	0.26
6/29/2008 13:25	1.004	0.25
6/29/2008 13:30	1.005	0.22

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 13:35	1.005	0.26
6/29/2008 13:40	1.007	0.27
6/29/2008 13:45	1.006	0.27
6/29/2008 13:50	1.006	0.26
6/29/2008 13:55	1.006	0.28
6/29/2008 14:00	1.007	0.24
6/29/2008 14:05	1.007	0.22
6/29/2008 14:10	1.009	0.46
6/29/2008 14:15	1.009	0.54
6/29/2008 14:20	1.01	0.23
6/29/2008 14:25	1.01	0.25
6/29/2008 14:30	1.01	0.23
6/29/2008 14:35	1.01	0.25
6/29/2008 14:40	1.011	0.23
6/29/2008 14:45	1.011	0.25
6/29/2008 14:50	1.012	0.24
6/29/2008 14:55	1.013	0.24
6/29/2008 15:00	1.014	0.56
6/29/2008 15:05	1.015	0.23
6/29/2008 15:10	1.016	0.24
6/29/2008 15:15	1.017	0.24
6/29/2008 15:20	1.019	0.24
6/29/2008 15:25	1.019	0.27
6/29/2008 15:30	1.02	0.27
6/29/2008 15:35	1.021	0.25
6/29/2008 15:40	1.021	0.27
6/29/2008 15:45	1.02	0.26
6/29/2008 15:50	1.021	0.28
6/29/2008 15:55	1.022	0.24
6/29/2008 16:00	1.024	0.26
6/29/2008 16:05	1.026	0.25
6/29/2008 16:10	1.027	0.27
6/29/2008 16:15	1.028	0.28
6/29/2008 16:20	1.028	0.26
6/29/2008 16:25	1.028	0.3
6/29/2008 16:30	1.028	0.25
6/29/2008 16:35	1.029	0.29
6/29/2008 16:40	1.029	0.27
6/29/2008 16:45	1.03	0.24
6/29/2008 16:50	1.03	0.43
6/29/2008 16:55	1.028	0.25
6/29/2008 17:00	1.039	0.25
6/29/2008 17:05	1.044	0.25
6/29/2008 17:10	1.046	0.25

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 17:15	1.048	0.23
6/29/2008 17:20	1.048	0.27
6/29/2008 17:25	1.048	0.31
6/29/2008 17:30	1.05	0.26
6/29/2008 17:35	1.052	0.28
6/29/2008 17:40	1.052	0.27
6/29/2008 17:45	1.053	0.27
6/29/2008 17:50	1.052	0.27
6/29/2008 17:55	1.053	0.27
6/29/2008 18:00	1.053	0.25
6/29/2008 18:05	1.053	0.28
6/29/2008 18:10	1.053	0.28
6/29/2008 18:15	1.053	0.27
6/29/2008 18:20	1.054	0.26
6/29/2008 18:25	1.054	0.28
6/29/2008 18:30	1.055	0.3
6/29/2008 18:35	1.055	0.28
6/29/2008 18:40	1.056	0.27
6/29/2008 18:45	1.056	0.28
6/29/2008 18:50	1.056	0.26
6/29/2008 18:55	1.056	0.29
6/29/2008 19:00	1.057	0.27
6/29/2008 19:05	1.058	0.29
6/29/2008 19:10	1.059	0.27
6/29/2008 19:15	1.059	0.28
6/29/2008 19:20	1.059	0.26
6/29/2008 19:25	1.059	0.27
6/29/2008 19:30	1.059	0.26
6/29/2008 19:35	1.06	0.26
6/29/2008 19:40	1.061	0.25
6/29/2008 19:45	1.061	0.27
6/29/2008 19:50	1.062	0.29
6/29/2008 19:55	1.063	0.28
6/29/2008 20:00	1.063	0.29
6/29/2008 20:05	1.063	0.63
6/29/2008 20:10	1.063	0.27
6/29/2008 20:15	1.064	0.31
6/29/2008 20:20	1.066	0.26
6/29/2008 20:25	1.067	0.3
6/29/2008 20:30	1.067	0.29
6/29/2008 20:35	1.068	0.24
6/29/2008 20:40	1.069	0.26
6/29/2008 20:45	1.069	0.27
6/29/2008 20:50	1.07	0.28

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/29/2008 20:55	1.069	0.28
6/29/2008 21:00	1.07	0.29
6/29/2008 21:05	1.072	0.23
6/29/2008 21:10	1.072	0.23
6/29/2008 21:15	1.072	0.28
6/29/2008 21:20	1.077	0.29
6/29/2008 21:25	1.079	0.29
6/29/2008 21:30	1.08	0.27
6/29/2008 21:35	1.082	0.27
6/29/2008 21:40	1.082	0.34
6/29/2008 21:45	1.081	0.28
6/29/2008 21:50	1.082	0.29
6/29/2008 21:55	1.083	0.27
6/29/2008 22:00	1.084	0.27
6/29/2008 22:05	1.085	0.29
6/29/2008 22:10	1.085	0.29
6/29/2008 22:15	1.086	0.29
6/29/2008 22:20	1.086	0.29
6/29/2008 22:25	1.087	0.28
6/29/2008 22:30	1.087	0.33
6/29/2008 22:35	1.088	0.28
6/29/2008 22:40	1.089	0.29
6/29/2008 22:45	1.088	0.63
6/29/2008 22:50	1.089	0.25
6/29/2008 22:55	1.089	0.28
6/29/2008 23:00	1.09	0.26
6/29/2008 23:05	1.09	0.26
6/29/2008 23:10	1.089	0.33
6/29/2008 23:15	1.089	0.32
6/29/2008 23:20	1.09	0.25
6/29/2008 23:25	1.09	0.27
6/29/2008 23:30	1.091	0.28
6/29/2008 23:35	1.091	0.28
6/29/2008 23:40	1.092	0.3
6/29/2008 23:45	1.091	0.27
6/29/2008 23:50	1.092	0.31
6/29/2008 23:55	1.091	0.79
6/30/2008 0:00	1.099	0.79
6/30/2008 0:05	1.147	0.79
6/30/2008 0:10	1.296	0.79
6/30/2008 0:15	1.72	0.79
6/30/2008 0:20	1.72	0.23
6/30/2008 0:25	1.659	0.26
6/30/2008 0:30	1.581	0.31

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 0:35	1.51	0.38
6/30/2008 0:40	1.454	0.38
6/30/2008 0:45	1.409	0.38
6/30/2008 0:50	1.376	0.33
6/30/2008 0:55	1.352	0.35
6/30/2008 1:00	1.335	0.34
6/30/2008 1:05	1.326	0.37
6/30/2008 1:10	1.316	0.39
6/30/2008 1:15	1.308	0.4
6/30/2008 1:20	1.307	0.38
6/30/2008 1:25	1.305	0.37
6/30/2008 1:30	1.304	0.44
6/30/2008 1:35	1.306	0.41
6/30/2008 1:40	1.306	0.38
6/30/2008 1:45	1.305	0.38
6/30/2008 1:50	1.306	0.38
6/30/2008 1:55	1.307	0.42
6/30/2008 2:00	1.309	0.41
6/30/2008 2:05	1.31	0.46
6/30/2008 2:10	1.311	0.41
6/30/2008 2:15	1.31	0.41
6/30/2008 2:20	1.312	0.41
6/30/2008 2:25	1.313	0.39
6/30/2008 2:30	1.314	0.38
6/30/2008 2:35	1.315	0.4
6/30/2008 2:40	1.317	0.39
6/30/2008 2:45	1.317	0.39
6/30/2008 2:50	1.319	0.38
6/30/2008 2:55	1.321	0.43
6/30/2008 3:00	1.322	0.42
6/30/2008 3:05	1.324	0.42
6/30/2008 3:10	1.325	0.43
6/30/2008 3:15	1.325	0.41
6/30/2008 3:20	1.326	0.41
6/30/2008 3:25	1.327	0.37
6/30/2008 3:30	1.327	0.39
6/30/2008 3:35	1.329	0.4
6/30/2008 3:40	1.329	0.39
6/30/2008 3:45	1.33	0.41
6/30/2008 3:50	1.33	0.42
6/30/2008 3:55	1.328	0.41
6/30/2008 4:00	1.317	0.39
6/30/2008 4:05	1.304	0.38
6/30/2008 4:10	1.298	0.42

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 4:15	1.289	0.33
6/30/2008 4:20	1.283	0.38
6/30/2008 4:25	1.281	0.39
6/30/2008 4:30	1.279	0.38
6/30/2008 4:35	1.275	0.38
6/30/2008 4:40	1.27	0.37
6/30/2008 4:45	1.267	0.37
6/30/2008 4:50	1.265	0.4
6/30/2008 4:55	1.264	0.39
6/30/2008 5:00	1.265	0.38
6/30/2008 5:05	1.266	0.39
6/30/2008 5:10	1.26	0.35
6/30/2008 5:15	1.245	0.37
6/30/2008 5:20	1.237	0.41
6/30/2008 5:25	1.235	0.39
6/30/2008 5:30	1.234	0.33
6/30/2008 5:35	1.215	0.39
6/30/2008 5:40	1.22	0.36
6/30/2008 5:45	1.224	0.34
6/30/2008 5:50	1.227	0.37
6/30/2008 5:55	1.229	0.38
6/30/2008 6:00	1.231	0.39
6/30/2008 6:05	1.233	0.35
6/30/2008 6:10	1.235	0.37
6/30/2008 6:15	1.237	0.36
6/30/2008 6:20	1.239	0.36
6/30/2008 6:25	1.24	0.38
6/30/2008 6:30	1.242	0.37
6/30/2008 6:35	1.244	0.39
6/30/2008 6:40	1.246	0.35
6/30/2008 6:45	1.247	0.38
6/30/2008 6:50	1.249	0.37
6/30/2008 6:55	1.251	0.36
6/30/2008 7:00	1.253	0.41
6/30/2008 7:05	1.255	0.37
6/30/2008 7:10	1.257	0.36
6/30/2008 7:15	1.259	0.41
6/30/2008 7:20	1.261	0.4
6/30/2008 7:25	1.264	0.4
6/30/2008 7:30	1.265	0.34
6/30/2008 7:35	1.267	0.36
6/30/2008 7:40	1.269	0.32
6/30/2008 7:45	1.27	0.42
6/30/2008 7:50	1.272	0.41

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 7:55	1.273	0.38
6/30/2008 8:00	1.274	0.38
6/30/2008 8:05	1.277	0.38
6/30/2008 8:10	1.278	0.35
6/30/2008 8:15	1.279	0.44
6/30/2008 8:20	1.426	0.45
6/30/2008 8:25	1.624	0.65
6/30/2008 8:30	1.736	0.73
6/30/2008 8:35	1.763	0.78
6/30/2008 8:40	1.786	0.77
6/30/2008 8:45	1.796	0.81
6/30/2008 8:50	1.799	0.73
6/30/2008 8:55	1.81	0.61
6/30/2008 9:00	1.806	0.6
6/30/2008 9:05	1.805	0.66
6/30/2008 9:10	1.803	0.63
6/30/2008 9:15	1.799	0.68
6/30/2008 9:20	1.797	0.69
6/30/2008 9:25	1.794	0.68
6/30/2008 9:30	1.793	0.66
6/30/2008 9:35	1.791	0.62
6/30/2008 9:40	1.789	0.63
6/30/2008 9:45	1.785	0.67
6/30/2008 9:50	1.782	0.66
6/30/2008 9:55	1.78	0.62
6/30/2008 10:00	1.776	0.67
6/30/2008 10:05	1.776	0.68
6/30/2008 10:10	1.772	0.61
6/30/2008 10:15	1.769	0.65
6/30/2008 10:20	1.766	0.62
6/30/2008 10:25	1.763	0.65
6/30/2008 10:30	1.759	0.62
6/30/2008 10:35	1.757	0.63
6/30/2008 10:40	1.755	0.59
6/30/2008 10:45	1.753	0.67
6/30/2008 10:50	1.75	0.63
6/30/2008 10:55	1.747	0.61
6/30/2008 11:00	1.744	0.63
6/30/2008 11:05	1.742	0.6
6/30/2008 11:10	1.737	0.63
6/30/2008 11:15	1.734	0.59
6/30/2008 11:20	1.732	0.62
6/30/2008 11:25	1.728	0.61
6/30/2008 11:30	1.725	0.6

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 11:35	1.723	0.62
6/30/2008 11:40	1.72	0.56
6/30/2008 11:45	1.717	0.6
6/30/2008 11:50	1.715	0.59
6/30/2008 11:55	1.712	0.61
6/30/2008 12:00	1.71	0.59
6/30/2008 12:05	1.708	0.54
6/30/2008 12:10	1.705	0.6
6/30/2008 12:15	1.702	0.61
6/30/2008 12:20	1.7	0.64
6/30/2008 12:25	1.699	0.62
6/30/2008 12:30	1.696	0.55
6/30/2008 12:35	1.695	0.57
6/30/2008 12:40	1.693	0.56
6/30/2008 12:45	1.689	0.55
6/30/2008 12:50	1.688	0.57
6/30/2008 12:55	1.684	0.57
6/30/2008 13:00	1.682	0.58
6/30/2008 13:05	1.68	0.57
6/30/2008 13:10	1.679	0.59
6/30/2008 13:15	1.674	0.58
6/30/2008 13:20	1.673	0.56
6/30/2008 13:25	1.671	0.57
6/30/2008 13:30	1.668	0.57
6/30/2008 13:35	1.667	0.51
6/30/2008 13:40	1.664	0.56
6/30/2008 13:45	1.662	0.55
6/30/2008 13:50	1.66	0.55
6/30/2008 13:55	1.658	0.6
6/30/2008 14:00	1.657	0.55
6/30/2008 14:05	1.656	0.52
6/30/2008 14:10	1.653	0.56
6/30/2008 14:15	1.651	0.52
6/30/2008 14:20	1.649	0.55
6/30/2008 14:25	1.648	0.53
6/30/2008 14:30	1.644	0.52
6/30/2008 14:35	1.643	0.55
6/30/2008 14:40	1.641	0.55
6/30/2008 14:45	1.639	0.57
6/30/2008 14:50	1.637	0.56
6/30/2008 14:55	1.635	0.6
6/30/2008 15:00	1.633	0.49
6/30/2008 15:05	1.636	0.52
6/30/2008 15:10	1.634	0.52

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 15:15	1.632	0.51
6/30/2008 15:20	1.63	0.51
6/30/2008 15:25	1.628	0.57
6/30/2008 15:30	1.625	0.51
6/30/2008 15:35	1.624	0.55
6/30/2008 15:40	1.617	0.52
6/30/2008 15:45	1.618	0.53
6/30/2008 15:50	1.616	0.51
6/30/2008 15:55	1.613	0.5
6/30/2008 16:00	1.611	0.52
6/30/2008 16:05	1.61	0.49
6/30/2008 16:10	1.608	0.53
6/30/2008 16:15	1.606	0.54
6/30/2008 16:20	1.606	0.49
6/30/2008 16:25	1.604	0.52
6/30/2008 16:30	1.603	0.51
6/30/2008 16:35	1.603	0.52
6/30/2008 16:40	1.602	0.47
6/30/2008 16:45	1.6	0.47
6/30/2008 16:50	1.599	0.52
6/30/2008 16:55	1.597	0.5
6/30/2008 17:00	1.596	0.49
6/30/2008 17:05	1.594	0.51
6/30/2008 17:10	1.592	0.5
6/30/2008 17:15	1.59	0.54
6/30/2008 17:20	1.589	0.5
6/30/2008 17:25	1.588	0.53
6/30/2008 17:30	1.587	0.5
6/30/2008 17:35	1.587	0.51
6/30/2008 17:40	1.585	0.52
6/30/2008 17:45	1.583	0.53
6/30/2008 17:50	1.582	0.46
6/30/2008 17:55	1.58	0.51
6/30/2008 18:00	1.578	0.51
6/30/2008 18:05	1.578	0.49
6/30/2008 18:10	1.576	0.5
6/30/2008 18:15	1.575	0.47
6/30/2008 18:20	1.573	0.49
6/30/2008 18:25	1.572	0.5
6/30/2008 18:30	1.571	0.54
6/30/2008 18:35	1.569	0.51
6/30/2008 18:40	1.569	0.51
6/30/2008 18:45	1.567	0.53
6/30/2008 18:50	1.566	0.45

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 18:55	1.564	0.48
6/30/2008 19:00	1.563	0.5
6/30/2008 19:05	1.562	0.49
6/30/2008 19:10	1.561	0.52
6/30/2008 19:15	1.56	0.49
6/30/2008 19:20	1.559	0.49
6/30/2008 19:25	1.558	0.46
6/30/2008 19:30	1.556	0.49
6/30/2008 19:35	1.546	0.42
6/30/2008 19:40	1.514	0.46
6/30/2008 19:45	1.509	0.46
6/30/2008 19:50	1.506	0.47
6/30/2008 19:55	1.505	0.44
6/30/2008 20:00	1.504	0.44
6/30/2008 20:05	1.503	0.44
6/30/2008 20:10	1.502	0.47
6/30/2008 20:15	1.501	0.45
6/30/2008 20:20	1.5	0.45
6/30/2008 20:25	1.5	0.43
6/30/2008 20:30	1.499	0.47
6/30/2008 20:35	1.498	0.42
6/30/2008 20:40	1.498	0.45
6/30/2008 20:45	1.496	0.47
6/30/2008 20:50	1.495	0.44
6/30/2008 20:55	1.495	0.44
6/30/2008 21:00	1.494	0.45
6/30/2008 21:05	1.493	0.44
6/30/2008 21:10	1.493	0.43
6/30/2008 21:15	1.492	0.46
6/30/2008 21:20	1.491	0.45
6/30/2008 21:25	1.491	0.44
6/30/2008 21:30	1.489	0.45
6/30/2008 21:35	1.49	0.43
6/30/2008 21:40	1.49	0.43
6/30/2008 21:45	1.488	0.44
6/30/2008 21:50	1.487	0.44
6/30/2008 21:55	1.486	0.48
6/30/2008 22:00	1.485	0.44
6/30/2008 22:05	1.484	0.44
6/30/2008 22:10	1.485	0.44
6/30/2008 22:15	1.483	0.44
6/30/2008 22:20	1.484	0.44
6/30/2008 22:25	1.484	0.41
6/30/2008 22:30	1.482	0.42

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
6/30/2008 22:35	1.482	0.45
6/30/2008 22:40	1.482	0.42
6/30/2008 22:45	1.482	0.46
6/30/2008 22:50	1.482	0.43
6/30/2008 22:55	1.481	0.39
6/30/2008 23:00	1.48	0.45
6/30/2008 23:05	1.481	0.42
6/30/2008 23:10	1.479	0.44
6/30/2008 23:15	1.479	0.45
6/30/2008 23:20	1.48	0.45
6/30/2008 23:25	1.48	0.47
6/30/2008 23:30	1.478	0.43
6/30/2008 23:35	1.444	0.42
6/30/2008 23:40	1.438	0.42
6/30/2008 23:45	1.437	0.41
6/30/2008 23:50	1.437	0.41
6/30/2008 23:55	1.438	0.42
7/1/2008 0:00	1.439	0.39
7/1/2008 0:05	1.438	0.43
7/1/2008 0:10	1.438	0.39
7/1/2008 0:15	1.438	0.42
7/1/2008 0:20	1.437	0.41
7/1/2008 0:25	1.437	0.42
7/1/2008 0:30	1.437	0.38
7/1/2008 0:35	1.434	0.39
7/1/2008 0:40	1.435	0.42
7/1/2008 0:45	1.434	0.42
7/1/2008 0:50	1.434	0.4
7/1/2008 0:55	1.434	0.42
7/1/2008 1:00	1.433	0.42
7/1/2008 1:05	1.433	0.42
7/1/2008 1:10	1.432	0.41
7/1/2008 1:15	1.43	0.41
7/1/2008 1:20	1.43	0.4
7/1/2008 1:25	1.43	0.44
7/1/2008 1:30	1.43	0.41
7/1/2008 1:35	1.43	0.41
7/1/2008 1:40	1.429	0.43
7/1/2008 1:45	1.428	0.39
7/1/2008 1:50	1.426	0.4
7/1/2008 1:55	1.415	0.42
7/1/2008 2:00	1.401	0.37
7/1/2008 2:05	1.378	0.37
7/1/2008 2:10	1.361	0.36

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 2:15	1.354	0.36
7/1/2008 2:20	1.339	0.33
7/1/2008 2:25	1.324	0.36
7/1/2008 2:30	1.309	0.33
7/1/2008 2:35	1.258	0.28
7/1/2008 2:40	1.195	0.25
7/1/2008 2:45	1.145	0.28
7/1/2008 2:50	1.127	0.25
7/1/2008 2:55	1.12	0.23
7/1/2008 3:00	1.119	0.23
7/1/2008 3:05	1.12	0.26
7/1/2008 3:10	1.12	0.26
7/1/2008 3:15	1.121	0.26
7/1/2008 3:20	1.116	0.23
7/1/2008 3:25	1.108	0.5
7/1/2008 3:30	1.106	0.5
7/1/2008 3:35	1.107	0.28
7/1/2008 3:40	1.107	0.28
7/1/2008 3:45	1.106	0.28
7/1/2008 3:50	1.106	0.25
7/1/2008 3:55	1.106	0.24
7/1/2008 4:00	1.106	0.49
7/1/2008 4:05	1.106	0.24
7/1/2008 4:10	1.107	0.24
7/1/2008 4:15	1.107	0.25
7/1/2008 4:20	1.108	0.25
7/1/2008 4:25	1.107	0.24
7/1/2008 4:30	1.106	0.26
7/1/2008 4:35	1.102	0.25
7/1/2008 4:40	1.099	0.25
7/1/2008 4:45	1.092	0.25
7/1/2008 4:50	1.09	0.25
7/1/2008 4:55	1.088	0.25
7/1/2008 5:00	1.086	0.26
7/1/2008 5:05	1.087	0.25
7/1/2008 5:10	1.088	0.26
7/1/2008 5:15	1.088	0.26
7/1/2008 5:20	1.088	0.26
7/1/2008 5:25	1.088	0.25
7/1/2008 5:30	1.088	0.23
7/1/2008 5:35	1.088	0.25
7/1/2008 5:40	1.088	0.52
7/1/2008 5:45	1.089	0.52
7/1/2008 5:50	1.09	0.26

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 5:55	1.091	0.25
7/1/2008 6:00	1.092	0.25
7/1/2008 6:05	1.093	0.25
7/1/2008 6:10	1.095	0.25
7/1/2008 6:15	1.096	0.23
7/1/2008 6:20	1.097	0.24
7/1/2008 6:25	1.099	0.24
7/1/2008 6:30	1.1	0.26
7/1/2008 6:35	1.101	0.23
7/1/2008 6:40	1.102	0.23
7/1/2008 6:45	1.103	0.83
7/1/2008 6:50	1.104	0.24
7/1/2008 6:55	1.105	0.25
7/1/2008 7:00	1.105	0.25
7/1/2008 7:05	1.106	0.24
7/1/2008 7:10	1.107	0.24
7/1/2008 7:15	1.108	0.24
7/1/2008 7:20	1.109	0.25
7/1/2008 7:25	1.11	0.25
7/1/2008 7:30	1.111	0.25
7/1/2008 7:35	1.112	0.26
7/1/2008 7:40	1.112	0.26
7/1/2008 7:45	1.113	0.26
7/1/2008 7:50	1.113	0.25
7/1/2008 7:55	1.115	0.24
7/1/2008 8:00	1.116	0.25
7/1/2008 8:05	1.118	0.26
7/1/2008 8:10	1.119	0.26
7/1/2008 8:15	1.12	0.26
7/1/2008 8:20	1.121	0.25
7/1/2008 8:25	1.122	0.24
7/1/2008 8:30	1.123	0.24
7/1/2008 8:35	1.124	0.26
7/1/2008 8:40	1.125	0.25
7/1/2008 8:45	1.125	0.3
7/1/2008 8:50	1.126	0.25
7/1/2008 8:55	1.127	0.25
7/1/2008 9:00	1.127	0.27
7/1/2008 9:05	1.129	0.28
7/1/2008 9:10	1.13	0.25
7/1/2008 9:15	1.13	0.27
7/1/2008 9:20	1.131	0.27
7/1/2008 9:25	1.133	0.27
7/1/2008 9:30	1.133	0.27

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 9:35	1.134	0.25
7/1/2008 9:40	1.135	0.25
7/1/2008 9:45	1.135	0.26
7/1/2008 9:50	1.234	0.33
7/1/2008 9:55	1.444	0.44
7/1/2008 10:00	1.477	0.43
7/1/2008 10:05	1.48	0.44
7/1/2008 10:10	1.48	0.46
7/1/2008 10:15	1.479	0.45
7/1/2008 10:20	1.478	0.45
7/1/2008 10:25	1.476	0.43
7/1/2008 10:30	1.475	0.41
7/1/2008 10:35	1.474	0.43
7/1/2008 10:40	1.472	0.5
7/1/2008 10:45	1.47	0.45
7/1/2008 10:50	1.469	0.44
7/1/2008 10:55	1.467	0.43
7/1/2008 11:00	1.466	0.45
7/1/2008 11:05	1.465	0.44
7/1/2008 11:10	1.463	0.4
7/1/2008 11:15	1.463	0.46
7/1/2008 11:20	1.461	0.4
7/1/2008 11:25	1.459	0.45
7/1/2008 11:30	1.458	0.42
7/1/2008 11:35	1.458	0.44
7/1/2008 11:40	1.456	0.4
7/1/2008 11:45	1.455	0.39
7/1/2008 11:50	1.454	0.44
7/1/2008 11:55	1.453	0.41
7/1/2008 12:00	1.451	0.4
7/1/2008 12:05	1.45	0.45
7/1/2008 12:10	1.449	0.45
7/1/2008 12:15	1.447	0.4
7/1/2008 12:20	1.447	0.44
7/1/2008 12:25	1.446	0.41
7/1/2008 12:30	1.444	0.43
7/1/2008 12:35	1.444	0.42
7/1/2008 12:40	1.442	0.4
7/1/2008 12:45	1.44	0.41
7/1/2008 12:50	1.439	0.4
7/1/2008 12:55	1.314	0.56
7/1/2008 13:00	1.221	0.55
7/1/2008 13:05	1.21	0.54
7/1/2008 13:10	1.194	0.55

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 13:15	1.19	0.56
7/1/2008 13:20	1.188	0.55
7/1/2008 13:25	1.186	0.53
7/1/2008 13:30	1.185	0.54
7/1/2008 13:35	1.183	0.54
7/1/2008 13:40	1.182	0.54
7/1/2008 13:45	1.181	0.54
7/1/2008 13:50	1.181	0.52
7/1/2008 13:55	1.179	0.55
7/1/2008 14:00	1.178	0.54
7/1/2008 14:05	1.176	0.51
7/1/2008 14:10	1.175	0.53
7/1/2008 14:15	1.173	0.55
7/1/2008 14:20	1.172	0.55
7/1/2008 14:25	1.171	0.5
7/1/2008 14:30	1.169	0.53
7/1/2008 14:35	1.169	0.53
7/1/2008 14:40	1.166	0.55
7/1/2008 14:45	1.166	0.51
7/1/2008 14:50	1.165	0.51
7/1/2008 14:55	1.163	0.54
7/1/2008 15:00	1.162	0.52
7/1/2008 15:05	1.161	0.53
7/1/2008 15:10	1.16	0.52
7/1/2008 15:15	1.159	0.52
7/1/2008 15:20	1.158	0.5
7/1/2008 15:25	1.156	0.5
7/1/2008 15:30	1.154	0.51
7/1/2008 15:35	1.155	0.51
7/1/2008 15:40	1.155	0.53
7/1/2008 15:45	1.154	0.55
7/1/2008 15:50	1.153	0.5
7/1/2008 15:55	1.152	0.52
7/1/2008 16:00	1.15	0.51
7/1/2008 16:05	1.15	0.53
7/1/2008 16:10	1.149	0.48
7/1/2008 16:15	1.148	0.54
7/1/2008 16:20	1.147	0.52
7/1/2008 16:25	1.146	0.48
7/1/2008 16:30	1.145	0.52
7/1/2008 16:35	1.145	0.51
7/1/2008 16:40	1.143	0.52
7/1/2008 16:45	1.143	0.5
7/1/2008 16:50	1.142	0.51

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 16:55	1.142	0.52
7/1/2008 17:00	1.141	0.53
7/1/2008 17:05	1.141	0.52
7/1/2008 17:10	1.14	0.49
7/1/2008 17:15	1.139	0.53
7/1/2008 17:20	1.138	0.51
7/1/2008 17:25	1.138	0.51
7/1/2008 17:30	1.137	0.51
7/1/2008 17:35	1.136	0.51
7/1/2008 17:40	1.136	0.49
7/1/2008 17:45	1.134	0.5
7/1/2008 17:50	1.134	0.5
7/1/2008 17:55	1.133	0.53
7/1/2008 18:00	1.132	0.48
7/1/2008 18:05	1.132	0.52
7/1/2008 18:10	1.132	0.53
7/1/2008 18:15	1.131	0.5
7/1/2008 18:20	1.13	0.5
7/1/2008 18:25	1.129	0.49
7/1/2008 18:30	1.129	0.49
7/1/2008 18:35	1.129	0.51
7/1/2008 18:40	1.128	0.52
7/1/2008 18:45	1.127	0.49
7/1/2008 18:50	1.127	0.46
7/1/2008 18:55	1.125	0.48
7/1/2008 19:00	1.125	0.5
7/1/2008 19:05	1.125	0.51
7/1/2008 19:10	1.125	0.51
7/1/2008 19:15	1.124	0.5
7/1/2008 19:20	1.124	0.49
7/1/2008 19:25	1.124	0.49
7/1/2008 19:30	1.123	0.48
7/1/2008 19:35	1.122	0.51
7/1/2008 19:40	1.122	0.49
7/1/2008 19:45	1.122	0.48
7/1/2008 19:50	1.122	0.5
7/1/2008 19:55	1.121	0.49
7/1/2008 20:00	1.12	0.48
7/1/2008 20:05	1.12	0.51
7/1/2008 20:10	1.12	0.48
7/1/2008 20:15	1.119	0.49
7/1/2008 20:20	1.12	0.49
7/1/2008 20:25	1.119	0.49
7/1/2008 20:30	1.119	0.5

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/1/2008 20:35	1.119	0.51
7/1/2008 20:40	1.119	0.48
7/1/2008 20:45	1.118	0.48
7/1/2008 20:50	1.119	0.5
7/1/2008 20:55	1.117	0.5
7/1/2008 21:00	1.116	0.51
7/1/2008 21:05	1.117	0.51
7/1/2008 21:10	1.116	0.48
7/1/2008 21:15	1.115	0.49
7/1/2008 21:20	1.115	0.49
7/1/2008 21:25	1.115	0.47
7/1/2008 21:30	1.115	0.48
7/1/2008 21:35	1.114	0.5
7/1/2008 21:40	1.113	0.48
7/1/2008 21:45	1.113	0.5
7/1/2008 21:50	1.113	0.48
7/1/2008 21:55	1.112	0.48
7/1/2008 22:00	1.112	0.49
7/1/2008 22:05	1.113	0.47
7/1/2008 22:10	1.118	0.47
7/1/2008 22:15	1.118	0.5
7/1/2008 22:20	1.119	0.48
7/1/2008 22:25	1.119	0.48
7/1/2008 22:30	1.119	0.48
7/1/2008 22:35	1.119	0.48
7/1/2008 22:40	1.119	0.49
7/1/2008 22:45	1.119	0.49
7/1/2008 22:50	1.119	0.5
7/1/2008 22:55	1.119	0.5
7/1/2008 23:00	1.118	0.48
7/1/2008 23:05	1.119	0.5
7/1/2008 23:10	1.118	0.48
7/1/2008 23:15	1.118	0.52
7/1/2008 23:20	1.118	0.5
7/1/2008 23:25	1.117	0.49
7/1/2008 23:30	1.117	0.49
7/1/2008 23:35	1.118	0.5
7/1/2008 23:40	1.117	0.46
7/1/2008 23:45	1.116	0.47
7/1/2008 23:50	1.116	0.51
7/1/2008 23:55	1.116	0.47
7/2/2008 0:00	1.116	0.49
7/2/2008 0:05	1.115	0.5
7/2/2008 0:10	1.114	0.49

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 0:15	1.113	0.49
7/2/2008 0:20	1.113	0.46
7/2/2008 0:25	1.112	0.5
7/2/2008 0:30	1.111	0.49
7/2/2008 0:35	1.112	0.5
7/2/2008 0:40	1.11	0.49
7/2/2008 0:45	1.11	0.49
7/2/2008 0:50	1.11	0.49
7/2/2008 0:55	1.11	0.49
7/2/2008 1:00	1.109	0.52
7/2/2008 1:05	1.109	0.47
7/2/2008 1:10	1.108	0.49
7/2/2008 1:15	1.107	0.48
7/2/2008 1:20	1.106	0.46
7/2/2008 1:25	1.107	0.53
7/2/2008 1:30	1.106	0.46
7/2/2008 1:35	1.106	0.48
7/2/2008 1:40	1.105	0.47
7/2/2008 1:45	1.104	0.51
7/2/2008 1:50	1.105	0.48
7/2/2008 1:55	1.105	0.47
7/2/2008 2:00	1.104	0.5
7/2/2008 2:05	1.105	0.49
7/2/2008 2:10	1.104	0.47
7/2/2008 2:15	1.104	0.46
7/2/2008 2:20	1.103	0.45
7/2/2008 2:25	1.09	0.44
7/2/2008 2:30	1.056	0.35
7/2/2008 2:35	0.972	0.36
7/2/2008 2:40	0.943	0.32
7/2/2008 2:45	0.926	0.32
7/2/2008 2:50	0.909	0.34
7/2/2008 2:55	0.897	0.34
7/2/2008 3:00	0.886	0.3
7/2/2008 3:05	0.879	0.56
7/2/2008 3:10	0.877	0.31
7/2/2008 3:15	0.875	0.32
7/2/2008 3:20	0.874	0.32
7/2/2008 3:25	0.872	0.33
7/2/2008 3:30	0.88	0.32
7/2/2008 3:35	0.881	0.32
7/2/2008 3:40	0.879	0.29
7/2/2008 3:45	0.876	0.3
7/2/2008 3:50	0.871	0.32

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 3:55	0.871	0.32
7/2/2008 4:00	0.868	0.32
7/2/2008 4:05	0.866	0.3
7/2/2008 4:10	0.863	0.33
7/2/2008 4:15	0.86	0.27
7/2/2008 4:20	0.856	0.31
7/2/2008 4:25	0.855	0.29
7/2/2008 4:30	0.853	0.35
7/2/2008 4:35	0.849	0.32
7/2/2008 4:40	0.849	0.31
7/2/2008 4:45	0.849	0.31
7/2/2008 4:50	0.849	0.31
7/2/2008 4:55	0.85	0.3
7/2/2008 5:00	0.85	0.3
7/2/2008 5:05	0.848	0.29
7/2/2008 5:10	0.846	0.31
7/2/2008 5:15	0.844	0.31
7/2/2008 5:20	0.843	0.26
7/2/2008 5:25	0.842	0.29
7/2/2008 5:30	0.842	0.29
7/2/2008 5:35	0.836	0.29
7/2/2008 5:40	0.828	0.29
7/2/2008 5:45	0.826	0.31
7/2/2008 5:50	0.825	0.33
7/2/2008 5:55	0.825	0.28
7/2/2008 6:00	0.825	0.31
7/2/2008 6:05	0.825	0.3
7/2/2008 6:10	0.826	0.31
7/2/2008 6:15	0.826	0.32
7/2/2008 6:20	0.826	0.28
7/2/2008 6:25	0.827	0.31
7/2/2008 6:30	0.828	0.31
7/2/2008 6:35	0.828	0.3
7/2/2008 6:40	0.829	0.33
7/2/2008 6:45	0.829	0.27
7/2/2008 6:50	0.83	0.32
7/2/2008 6:55	0.831	0.31
7/2/2008 7:00	0.831	0.29
7/2/2008 7:05	0.832	0.34
7/2/2008 7:10	0.832	0.34
7/2/2008 7:15	0.833	0.34
7/2/2008 7:20	0.834	0.32
7/2/2008 7:25	0.834	0.3
7/2/2008 7:30	0.835	0.3

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 7:35	0.837	0.29
7/2/2008 7:40	0.837	0.3
7/2/2008 7:45	0.837	0.3
7/2/2008 7:50	0.838	0.3
7/2/2008 7:55	0.839	0.3
7/2/2008 8:00	0.84	0.26
7/2/2008 8:05	0.841	0.32
7/2/2008 8:10	0.842	0.29
7/2/2008 8:15	0.843	0.29
7/2/2008 8:20	0.843	0.3
7/2/2008 8:25	0.844	0.3
7/2/2008 8:30	0.845	0.31
7/2/2008 8:35	0.845	0.31
7/2/2008 8:40	0.853	0.35
7/2/2008 8:45	1.056	0.63
7/2/2008 8:50	1.228	0.64
7/2/2008 8:55	1.249	0.64
7/2/2008 9:00	1.251	0.61
7/2/2008 9:05	1.254	0.62
7/2/2008 9:10	1.255	0.65
7/2/2008 9:15	1.254	0.63
7/2/2008 9:20	1.251	0.6
7/2/2008 9:25	1.25	0.62
7/2/2008 9:30	1.249	0.62
7/2/2008 9:35	1.248	0.64
7/2/2008 9:40	1.246	0.62
7/2/2008 9:45	1.245	0.62
7/2/2008 9:50	1.245	0.65
7/2/2008 9:55	1.242	0.58
7/2/2008 10:00	1.241	0.63
7/2/2008 10:05	1.24	0.6
7/2/2008 10:10	1.238	0.57
7/2/2008 10:15	1.236	0.58
7/2/2008 10:20	1.234	0.63
7/2/2008 10:25	1.234	0.59
7/2/2008 10:30	1.233	0.6
7/2/2008 10:35	1.233	0.57
7/2/2008 10:40	1.233	0.58
7/2/2008 10:45	1.231	0.59
7/2/2008 10:50	1.23	0.56
7/2/2008 10:55	1.227	0.59
7/2/2008 11:00	1.225	0.57
7/2/2008 11:05	1.225	0.59
7/2/2008 11:10	1.223	0.59

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 11:15	1.221	0.59
7/2/2008 11:20	1.22	0.56
7/2/2008 11:25	1.218	0.57
7/2/2008 11:30	1.217	0.6
7/2/2008 11:35	1.216	0.57
7/2/2008 11:40	1.214	0.58
7/2/2008 11:45	1.215	0.58
7/2/2008 11:50	1.214	0.56
7/2/2008 11:55	1.211	0.58
7/2/2008 12:00	1.21	0.6
7/2/2008 12:05	1.208	0.58
7/2/2008 12:10	1.207	0.57
7/2/2008 12:15	1.205	0.57
7/2/2008 12:20	1.205	0.58
7/2/2008 12:25	1.204	0.57
7/2/2008 12:30	1.203	0.56
7/2/2008 12:35	1.202	0.59
7/2/2008 12:40	1.199	0.56
7/2/2008 12:45	1.198	0.54
7/2/2008 12:50	1.196	0.56
7/2/2008 12:55	1.196	0.56
7/2/2008 13:00	1.194	0.56
7/2/2008 13:05	1.194	0.53
7/2/2008 13:10	1.192	0.57
7/2/2008 13:15	1.19	0.56
7/2/2008 13:20	1.19	0.57
7/2/2008 13:25	1.189	0.53
7/2/2008 13:30	1.186	0.57
7/2/2008 13:35	1.185	0.57
7/2/2008 13:40	1.184	0.55
7/2/2008 13:45	1.182	0.55
7/2/2008 13:50	1.182	0.55
7/2/2008 13:55	1.18	0.57
7/2/2008 14:00	1.181	0.54
7/2/2008 14:05	1.179	0.55
7/2/2008 14:10	1.177	0.53
7/2/2008 14:15	1.175	0.55
7/2/2008 14:20	1.174	0.5
7/2/2008 14:25	1.174	0.53
7/2/2008 14:30	1.171	0.53
7/2/2008 14:35	1.17	0.56
7/2/2008 14:40	1.169	0.52
7/2/2008 14:45	1.167	0.53
7/2/2008 14:50	1.166	0.52

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 14:55	1.165	0.52
7/2/2008 15:00	1.163	0.54
7/2/2008 15:05	1.162	0.57
7/2/2008 15:10	1.161	0.52
7/2/2008 15:15	1.16	0.52
7/2/2008 15:20	1.159	0.53
7/2/2008 15:25	1.159	0.55
7/2/2008 15:30	1.156	0.56
7/2/2008 15:35	1.156	0.58
7/2/2008 15:40	1.154	0.51
7/2/2008 15:45	1.153	0.51
7/2/2008 15:50	1.154	0.52
7/2/2008 15:55	1.151	0.52
7/2/2008 16:00	1.15	0.54
7/2/2008 16:05	1.15	0.5
7/2/2008 16:10	1.149	0.51
7/2/2008 16:15	1.146	0.51
7/2/2008 16:20	1.147	0.52
7/2/2008 16:25	1.146	0.62
7/2/2008 16:30	1.144	0.52
7/2/2008 16:35	1.143	0.5
7/2/2008 16:40	1.142	0.52
7/2/2008 16:45	1.141	0.53
7/2/2008 16:50	1.14	0.53
7/2/2008 16:55	1.139	0.51
7/2/2008 17:00	1.138	0.53
7/2/2008 17:05	1.136	0.53
7/2/2008 17:10	1.136	0.52
7/2/2008 17:15	1.134	0.55
7/2/2008 17:20	1.134	0.6
7/2/2008 17:25	1.134	0.52
7/2/2008 17:30	1.133	0.52
7/2/2008 17:35	1.133	0.51
7/2/2008 17:40	1.132	0.56
7/2/2008 17:45	1.131	0.5
7/2/2008 17:50	1.13	0.5
7/2/2008 17:55	1.129	0.51
7/2/2008 18:00	1.129	0.52
7/2/2008 18:05	1.13	0.5
7/2/2008 18:10	1.129	0.49
7/2/2008 18:15	1.128	0.51
7/2/2008 18:20	1.127	0.5
7/2/2008 18:25	1.127	0.52
7/2/2008 18:30	1.127	0.51

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 18:35	1.125	0.5
7/2/2008 18:40	1.125	0.51
7/2/2008 18:45	1.125	0.49
7/2/2008 18:50	1.125	0.5
7/2/2008 18:55	1.124	0.49
7/2/2008 19:00	1.123	0.52
7/2/2008 19:05	1.124	0.52
7/2/2008 19:10	1.123	0.51
7/2/2008 19:15	1.122	0.48
7/2/2008 19:20	1.122	0.48
7/2/2008 19:25	1.122	0.49
7/2/2008 19:30	1.121	0.5
7/2/2008 19:35	1.121	0.49
7/2/2008 19:40	1.12	0.53
7/2/2008 19:45	1.119	0.52
7/2/2008 19:50	1.111	0.46
7/2/2008 19:55	1.064	0.44
7/2/2008 20:00	1.028	0.42
7/2/2008 20:05	1.004	0.4
7/2/2008 20:10	0.979	0.41
7/2/2008 20:15	0.966	0.38
7/2/2008 20:20	0.96	0.4
7/2/2008 20:25	0.957	0.38
7/2/2008 20:30	0.956	0.39
7/2/2008 20:35	0.956	0.38
7/2/2008 20:40	0.956	0.4
7/2/2008 20:45	0.956	0.38
7/2/2008 20:50	0.953	0.39
7/2/2008 20:55	0.952	0.4
7/2/2008 21:00	0.95	0.4
7/2/2008 21:05	0.948	0.4
7/2/2008 21:10	0.947	0.4
7/2/2008 21:15	0.947	0.36
7/2/2008 21:20	0.948	0.39
7/2/2008 21:25	0.948	0.66
7/2/2008 21:30	0.948	0.36
7/2/2008 21:35	0.95	0.38
7/2/2008 21:40	0.95	0.37
7/2/2008 21:45	0.95	0.41
7/2/2008 21:50	0.951	0.35
7/2/2008 21:55	0.951	0.38
7/2/2008 22:00	0.951	0.39
7/2/2008 22:05	0.952	0.4
7/2/2008 22:10	0.951	0.37

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/2/2008 22:15	0.929	0.36
7/2/2008 22:20	0.904	0.34
7/2/2008 22:25	0.896	0.36
7/2/2008 22:30	0.892	0.35
7/2/2008 22:35	0.891	0.38
7/2/2008 22:40	0.877	0.34
7/2/2008 22:45	0.873	0.34
7/2/2008 22:50	0.874	0.37
7/2/2008 22:55	0.865	0.3
7/2/2008 23:00	0.844	0.3
7/2/2008 23:05	0.836	0.29
7/2/2008 23:10	0.82	0.29
7/2/2008 23:15	0.81	0.31
7/2/2008 23:20	0.805	0.33
7/2/2008 23:25	0.804	0.33
7/2/2008 23:30	0.804	0.33
7/2/2008 23:35	0.803	0.29
7/2/2008 23:40	0.804	0.29
7/2/2008 23:45	0.804	0.32
7/2/2008 23:50	0.805	0.33
7/2/2008 23:55	0.806	0.28
7/3/2008 0:00	0.808	0.31
7/3/2008 0:05	0.808	0.3
7/3/2008 0:10	0.81	0.34
7/3/2008 0:15	0.81	0.28
7/3/2008 0:20	0.811	0.28
7/3/2008 0:25	0.812	0.32
7/3/2008 0:30	0.812	0.3
7/3/2008 0:35	0.814	0.29
7/3/2008 0:40	0.814	0.29
7/3/2008 0:45	0.814	0.29
7/3/2008 0:50	0.815	0.34
7/3/2008 0:55	0.816	0.32
7/3/2008 1:00	0.816	0.34
7/3/2008 1:05	0.815	0.29
7/3/2008 1:10	0.813	0.32
7/3/2008 1:15	0.811	0.37
7/3/2008 1:20	0.808	0.34
7/3/2008 1:25	0.806	0.32
7/3/2008 1:30	0.806	0.31
7/3/2008 1:35	0.808	0.34
7/3/2008 1:40	0.808	0.32
7/3/2008 1:45	0.808	0.29
7/3/2008 1:50	0.808	0.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 1:55	0.813	0.3
7/3/2008 2:00	0.814	0.63
7/3/2008 2:05	0.815	0.3
7/3/2008 2:10	0.816	0.33
7/3/2008 2:15	0.81	0.31
7/3/2008 2:20	0.806	0.29
7/3/2008 2:25	0.804	0.32
7/3/2008 2:30	0.801	0.32
7/3/2008 2:35	0.799	0.3
7/3/2008 2:40	0.798	0.3
7/3/2008 2:45	0.799	0.33
7/3/2008 2:50	0.802	0.36
7/3/2008 2:55	0.8	0.38
7/3/2008 3:00	0.797	0.26
7/3/2008 3:05	0.797	0.31
7/3/2008 3:10	0.793	0.31
7/3/2008 3:15	0.792	0.33
7/3/2008 3:20	0.79	0.32
7/3/2008 3:25	0.786	0.31
7/3/2008 3:30	0.785	0.33
7/3/2008 3:35	0.779	0.28
7/3/2008 3:40	0.773	0.38
7/3/2008 3:45	0.77	0.33
7/3/2008 3:50	0.769	0.29
7/3/2008 3:55	0.769	0.26
7/3/2008 4:00	0.768	0.27
7/3/2008 4:05	0.768	0.3
7/3/2008 4:10	0.769	0.33
7/3/2008 4:15	0.77	0.32
7/3/2008 4:20	0.77	0.31
7/3/2008 4:25	0.77	0.28
7/3/2008 4:30	0.77	0.27
7/3/2008 4:35	0.771	0.29
7/3/2008 4:40	0.774	0.34
7/3/2008 4:45	0.773	0.29
7/3/2008 4:50	0.773	0.34
7/3/2008 4:55	0.773	0.3
7/3/2008 5:00	0.774	0.35
7/3/2008 5:05	0.774	0.33
7/3/2008 5:10	0.776	0.34
7/3/2008 5:15	0.778	0.34
7/3/2008 5:20	0.778	0.31
7/3/2008 5:25	0.779	0.31
7/3/2008 5:30	0.779	0.32

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 5:35	0.779	0.3
7/3/2008 5:40	0.779	0.3
7/3/2008 5:45	0.775	0.3
7/3/2008 5:50	0.767	0.34
7/3/2008 5:55	0.763	0.32
7/3/2008 6:00	0.762	0.37
7/3/2008 6:05	0.762	0.37
7/3/2008 6:10	0.763	0.34
7/3/2008 6:15	0.763	0.34
7/3/2008 6:20	0.763	0.29
7/3/2008 6:25	0.764	0.35
7/3/2008 6:30	0.764	0.31
7/3/2008 6:35	0.765	0.3
7/3/2008 6:40	0.765	0.34
7/3/2008 6:45	0.767	0.31
7/3/2008 6:50	0.767	0.31
7/3/2008 6:55	0.768	0.3
7/3/2008 7:00	0.768	0.31
7/3/2008 7:05	0.768	0.32
7/3/2008 7:10	0.769	0.3
7/3/2008 7:15	0.77	0.3
7/3/2008 7:20	0.771	0.34
7/3/2008 7:25	0.771	0.34
7/3/2008 7:30	0.772	0.27
7/3/2008 7:35	0.772	0.31
7/3/2008 7:40	0.772	0.35
7/3/2008 7:45	0.773	0.31
7/3/2008 7:50	0.773	0.26
7/3/2008 7:55	0.775	0.26
7/3/2008 8:00	0.777	0.31
7/3/2008 8:05	0.778	0.28
7/3/2008 8:10	0.779	0.28
7/3/2008 8:15	0.778	0.26
7/3/2008 8:20	0.78	0.26
7/3/2008 8:25	0.781	0.33
7/3/2008 8:30	0.782	0.28
7/3/2008 8:35	0.782	0.32
7/3/2008 8:40	0.783	0.35
7/3/2008 8:45	0.783	0.35
7/3/2008 8:50	0.784	0.37
7/3/2008 8:55	0.785	0.27
7/3/2008 9:00	0.786	0.3
7/3/2008 9:05	0.786	0.3
7/3/2008 9:10	0.787	0.33

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 9:15	0.787	0.32
7/3/2008 9:20	0.788	0.31
7/3/2008 9:25	0.789	0.31
7/3/2008 9:30	0.79	0.31
7/3/2008 9:35	0.791	0.31
7/3/2008 9:40	0.792	0.29
7/3/2008 9:45	0.792	0.32
7/3/2008 9:50	0.792	0.32
7/3/2008 9:55	0.793	0.33
7/3/2008 10:00	0.794	0.27
7/3/2008 10:05	0.795	0.27
7/3/2008 10:10	0.797	0.32
7/3/2008 10:15	0.797	0.31
7/3/2008 10:20	0.798	0.3
7/3/2008 10:25	0.799	0.3
7/3/2008 10:30	0.8	0.31
7/3/2008 10:35	0.801	0.31
7/3/2008 10:40	0.801	0.31
7/3/2008 10:45	0.801	0.31
7/3/2008 10:50	0.802	0.31
7/3/2008 10:55	0.802	0.31
7/3/2008 11:00	0.803	0.31
7/3/2008 11:05	0.803	0.31
7/3/2008 11:10	0.804	0.24
7/3/2008 11:15	0.804	0.37
7/3/2008 11:20	0.805	0.37
7/3/2008 11:25	0.806	0.29
7/3/2008 11:30	0.806	0.32
7/3/2008 11:35	0.807	0.3
7/3/2008 11:40	0.807	0.29
7/3/2008 11:45	0.807	0.29
7/3/2008 11:50	0.808	0.29
7/3/2008 11:55	0.808	0.29
7/3/2008 12:00	0.808	0.33
7/3/2008 12:05	0.809	0.33
7/3/2008 12:10	0.81	0.33
7/3/2008 12:15	0.81	0.33
7/3/2008 12:20	0.81	0.31
7/3/2008 12:25	0.811	0.33
7/3/2008 12:30	0.81	0.35
7/3/2008 12:35	0.811	0.3
7/3/2008 12:40	0.811	0.32
7/3/2008 12:45	0.812	0.32
7/3/2008 12:50	0.813	0.36

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 12:55	0.813	0.36
7/3/2008 13:00	0.814	0.32
7/3/2008 13:05	0.815	0.36
7/3/2008 13:10	0.815	0.36
7/3/2008 13:15	0.816	0.3
7/3/2008 13:20	0.816	0.33
7/3/2008 13:25	0.818	0.38
7/3/2008 13:30	0.818	0.33
7/3/2008 13:35	0.819	0.33
7/3/2008 13:40	0.819	0.34
7/3/2008 13:45	0.819	0.36
7/3/2008 13:50	0.82	0.33
7/3/2008 13:55	0.82	0.35
7/3/2008 14:00	0.821	0.34
7/3/2008 14:05	0.821	0.34
7/3/2008 14:10	0.82	0.35
7/3/2008 14:15	0.822	0.37
7/3/2008 14:20	0.821	0.36
7/3/2008 14:25	0.822	0.33
7/3/2008 14:30	0.822	0.36
7/3/2008 14:35	0.824	0.35
7/3/2008 14:40	0.824	0.36
7/3/2008 14:45	0.825	0.36
7/3/2008 14:50	0.825	0.35
7/3/2008 14:55	0.825	0.32
7/3/2008 15:00	0.825	0.34
7/3/2008 15:05	0.826	0.38
7/3/2008 15:10	0.827	0.35
7/3/2008 15:15	0.827	0.4
7/3/2008 15:20	0.828	0.35
7/3/2008 15:25	0.828	0.36
7/3/2008 15:30	0.829	0.36
7/3/2008 15:35	0.829	0.36
7/3/2008 15:40	0.829	0.33
7/3/2008 15:45	0.829	0.4
7/3/2008 15:50	0.83	0.34
7/3/2008 15:55	0.831	0.41
7/3/2008 16:00	0.83	0.33
7/3/2008 16:05	0.831	0.41
7/3/2008 16:10	0.832	0.36
7/3/2008 16:15	0.833	0.36
7/3/2008 16:20	0.835	0.36
7/3/2008 16:25	0.835	0.36
7/3/2008 16:30	0.838	0.36

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 16:35	0.84	0.37
7/3/2008 16:40	0.841	0.36
7/3/2008 16:45	0.845	0.36
7/3/2008 16:50	0.85	0.39
7/3/2008 16:55	0.851	0.32
7/3/2008 17:00	0.852	0.33
7/3/2008 17:05	0.852	0.34
7/3/2008 17:10	0.85	0.5
7/3/2008 17:15	0.849	0.35
7/3/2008 17:20	0.848	0.36
7/3/2008 17:25	0.848	0.37
7/3/2008 17:30	0.846	0.34
7/3/2008 17:35	0.847	0.37
7/3/2008 17:40	0.848	0.38
7/3/2008 17:45	0.848	0.37
7/3/2008 17:50	0.848	0.38
7/3/2008 17:55	0.848	0.39
7/3/2008 18:00	0.849	0.41
7/3/2008 18:05	0.851	0.4
7/3/2008 18:10	0.852	0.42
7/3/2008 18:15	0.852	0.57
7/3/2008 18:20	0.854	0.39
7/3/2008 18:25	0.855	0.39
7/3/2008 18:30	0.856	0.39
7/3/2008 18:35	0.858	0.39
7/3/2008 18:40	0.86	0.38
7/3/2008 18:45	0.861	0.38
7/3/2008 18:50	0.862	0.36
7/3/2008 18:55	0.862	0.37
7/3/2008 19:00	0.863	0.38
7/3/2008 19:05	0.864	0.37
7/3/2008 19:10	0.865	0.51
7/3/2008 19:15	0.865	0.51
7/3/2008 19:20	0.866	0.39
7/3/2008 19:25	0.866	0.36
7/3/2008 19:30	0.865	0.4
7/3/2008 19:35	0.866	0.37
7/3/2008 19:40	0.866	0.38
7/3/2008 19:45	0.866	0.4
7/3/2008 19:50	0.866	0.4
7/3/2008 19:55	0.863	0.36
7/3/2008 20:00	0.859	0.38
7/3/2008 20:05	0.857	0.39
7/3/2008 20:10	0.85	0.41

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 20:15	0.838	0.42
7/3/2008 20:20	0.828	0.4
7/3/2008 20:25	0.824	0.35
7/3/2008 20:30	0.821	0.38
7/3/2008 20:35	0.819	0.41
7/3/2008 20:40	0.818	0.33
7/3/2008 20:45	0.817	0.36
7/3/2008 20:50	0.816	0.37
7/3/2008 20:55	0.818	0.34
7/3/2008 21:00	0.83	0.34
7/3/2008 21:05	0.834	0.34
7/3/2008 21:10	0.837	0.42
7/3/2008 21:15	0.837	0.42
7/3/2008 21:20	0.839	0.42
7/3/2008 21:25	0.839	0.37
7/3/2008 21:30	0.84	0.41
7/3/2008 21:35	0.841	0.42
7/3/2008 21:40	0.843	0.39
7/3/2008 21:45	0.843	0.38
7/3/2008 21:50	0.843	0.41
7/3/2008 21:55	0.844	0.42
7/3/2008 22:00	0.844	0.41
7/3/2008 22:05	0.845	0.42
7/3/2008 22:10	0.844	0.4
7/3/2008 22:15	0.845	0.41
7/3/2008 22:20	0.846	0.42
7/3/2008 22:25	0.845	0.4
7/3/2008 22:30	0.847	0.41
7/3/2008 22:35	0.848	0.41
7/3/2008 22:40	0.849	0.4
7/3/2008 22:45	0.849	0.4
7/3/2008 22:50	0.85	0.42
7/3/2008 22:55	0.85	0.44
7/3/2008 23:00	0.851	0.38
7/3/2008 23:05	0.851	0.41
7/3/2008 23:10	0.851	0.4
7/3/2008 23:15	0.851	0.45
7/3/2008 23:20	0.851	0.4
7/3/2008 23:25	0.852	0.39
7/3/2008 23:30	0.853	0.43
7/3/2008 23:35	0.853	0.41
7/3/2008 23:40	0.854	0.42
7/3/2008 23:45	0.855	0.43
7/3/2008 23:50	0.855	0.44

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/3/2008 23:55	0.855	0.68
7/4/2008 0:00	0.856	0.38
7/4/2008 0:05	0.856	0.41
7/4/2008 0:10	0.856	0.4
7/4/2008 0:15	0.857	0.41
7/4/2008 0:20	0.857	0.43
7/4/2008 0:25	0.858	0.39
7/4/2008 0:30	0.859	0.37
7/4/2008 0:35	0.86	0.44
7/4/2008 0:40	0.861	0.4
7/4/2008 0:45	0.861	0.45
7/4/2008 0:50	0.861	0.4
7/4/2008 0:55	0.862	0.41
7/4/2008 1:00	0.862	0.4
7/4/2008 1:05	0.862	0.42
7/4/2008 1:10	0.863	0.42
7/4/2008 1:15	0.863	0.41
7/4/2008 1:20	0.864	0.4
7/4/2008 1:25	0.864	0.42
7/4/2008 1:30	0.864	0.44
7/4/2008 1:35	0.865	0.4
7/4/2008 1:40	0.865	0.47
7/4/2008 1:45	0.864	0.43
7/4/2008 1:50	0.864	0.41
7/4/2008 1:55	0.865	0.44
7/4/2008 2:00	0.865	0.46
7/4/2008 2:05	0.867	0.45
7/4/2008 2:10	0.867	0.43
7/4/2008 2:15	0.867	0.45
7/4/2008 2:20	0.867	0.41
7/4/2008 2:25	0.867	0.41
7/4/2008 2:30	0.867	0.43
7/4/2008 2:35	0.867	0.46
7/4/2008 2:40	0.867	0.42
7/4/2008 2:45	0.866	0.43
7/4/2008 2:50	0.851	0.4
7/4/2008 2:55	0.855	0.48
7/4/2008 3:00	0.858	0.39
7/4/2008 3:05	0.855	0.4
7/4/2008 3:10	0.849	0.38
7/4/2008 3:15	0.844	0.4
7/4/2008 3:20	0.844	0.41
7/4/2008 3:25	0.841	0.37
7/4/2008 3:30	0.839	0.39

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 3:35	0.839	0.39
7/4/2008 3:40	0.839	0.44
7/4/2008 3:45	0.838	0.4
7/4/2008 3:50	0.838	0.42
7/4/2008 3:55	0.837	0.42
7/4/2008 4:00	0.837	0.43
7/4/2008 4:05	0.836	0.41
7/4/2008 4:10	0.833	0.42
7/4/2008 4:15	0.832	0.42
7/4/2008 4:20	0.83	0.38
7/4/2008 4:25	0.828	0.38
7/4/2008 4:30	0.827	0.39
7/4/2008 4:35	0.826	0.41
7/4/2008 4:40	0.821	0.4
7/4/2008 4:45	0.818	0.45
7/4/2008 4:50	0.816	0.35
7/4/2008 4:55	0.817	0.37
7/4/2008 5:00	0.816	0.38
7/4/2008 5:05	0.808	0.38
7/4/2008 5:10	0.804	0.35
7/4/2008 5:15	0.803	0.35
7/4/2008 5:20	0.802	0.34
7/4/2008 5:25	0.802	0.33
7/4/2008 5:30	0.802	0.34
7/4/2008 5:35	0.802	0.37
7/4/2008 5:40	0.802	0.35
7/4/2008 5:45	0.802	0.43
7/4/2008 5:50	0.801	0.33
7/4/2008 5:55	0.802	0.34
7/4/2008 6:00	0.801	0.32
7/4/2008 6:05	0.801	0.4
7/4/2008 6:10	0.801	0.33
7/4/2008 6:15	0.801	0.36
7/4/2008 6:20	0.801	0.33
7/4/2008 6:25	0.802	0.43
7/4/2008 6:30	0.801	0.32
7/4/2008 6:35	0.801	0.37
7/4/2008 6:40	0.801	0.34
7/4/2008 6:45	0.801	0.34
7/4/2008 6:50	0.802	0.35
7/4/2008 6:55	0.802	0.42
7/4/2008 7:00	0.802	0.35
7/4/2008 7:05	0.801	0.36
7/4/2008 7:10	0.801	0.35

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 7:15	0.802	0.37
7/4/2008 7:20	0.802	0.38
7/4/2008 7:25	0.803	0.34
7/4/2008 7:30	0.803	0.38
7/4/2008 7:35	0.804	0.3
7/4/2008 7:40	0.804	0.34
7/4/2008 7:45	0.804	0.32
7/4/2008 7:50	0.804	0.32
7/4/2008 7:55	0.805	0.33
7/4/2008 8:00	0.805	0.34
7/4/2008 8:05	0.805	0.34
7/4/2008 8:10	0.806	0.36
7/4/2008 8:15	0.806	0.41
7/4/2008 8:20	0.806	0.35
7/4/2008 8:25	0.807	0.37
7/4/2008 8:30	0.808	0.35
7/4/2008 8:35	0.808	0.36
7/4/2008 8:40	0.81	0.39
7/4/2008 8:45	0.81	0.44
7/4/2008 8:50	0.81	0.34
7/4/2008 8:55	0.81	0.36
7/4/2008 9:00	0.811	0.36
7/4/2008 9:05	0.811	0.39
7/4/2008 9:10	0.811	0.38
7/4/2008 9:15	0.812	0.38
7/4/2008 9:20	0.812	0.4
7/4/2008 9:25	0.812	0.43
7/4/2008 9:30	0.813	0.39
7/4/2008 9:35	0.813	0.39
7/4/2008 9:40	0.813	0.34
7/4/2008 9:45	0.814	0.37
7/4/2008 9:50	0.815	0.4
7/4/2008 9:55	0.815	0.33
7/4/2008 10:00	0.816	0.39
7/4/2008 10:05	0.816	0.42
7/4/2008 10:10	0.817	0.36
7/4/2008 10:15	0.818	0.35
7/4/2008 10:20	0.818	0.36
7/4/2008 10:25	0.819	0.38
7/4/2008 10:30	0.819	0.61
7/4/2008 10:35	0.819	0.46
7/4/2008 10:40	0.82	0.4
7/4/2008 10:45	0.819	0.49
7/4/2008 10:50	0.82	0.35

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 10:55	0.82	0.4
7/4/2008 11:00	0.82	0.43
7/4/2008 11:05	0.82	0.39
7/4/2008 11:10	0.821	0.38
7/4/2008 11:15	0.822	0.34
7/4/2008 11:20	0.822	0.38
7/4/2008 11:25	0.823	0.43
7/4/2008 11:30	0.823	0.39
7/4/2008 11:35	0.823	0.37
7/4/2008 11:40	0.823	0.37
7/4/2008 11:45	0.823	0.42
7/4/2008 11:50	0.824	0.34
7/4/2008 11:55	0.824	0.42
7/4/2008 12:00	0.825	0.35
7/4/2008 12:05	0.825	0.36
7/4/2008 12:10	0.825	0.4
7/4/2008 12:15	0.826	0.39
7/4/2008 12:20	0.829	0.46
7/4/2008 12:25	0.962	0.57
7/4/2008 12:30	1.026	0.54
7/4/2008 12:35	1.036	0.54
7/4/2008 12:40	1.039	0.57
7/4/2008 12:45	1.039	0.51
7/4/2008 12:50	1.04	0.54
7/4/2008 12:55	1.039	0.55
7/4/2008 13:00	1.038	0.54
7/4/2008 13:05	1.038	0.52
7/4/2008 13:10	1.037	0.55
7/4/2008 13:15	1.035	0.54
7/4/2008 13:20	1.035	0.49
7/4/2008 13:25	1.034	0.53
7/4/2008 13:30	1.028	0.54
7/4/2008 13:35	1.028	0.52
7/4/2008 13:40	1.027	0.52
7/4/2008 13:45	1.026	0.51
7/4/2008 13:50	1.026	0.51
7/4/2008 13:55	1.025	0.54
7/4/2008 14:00	1.023	0.54
7/4/2008 14:05	1.024	0.55
7/4/2008 14:10	1.023	0.59
7/4/2008 14:15	1.022	0.56
7/4/2008 14:20	1.022	0.54
7/4/2008 14:25	1.021	0.52
7/4/2008 14:30	1.021	0.52

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 14:35	1.02	0.51
7/4/2008 14:40	1.02	0.51
7/4/2008 14:45	1.018	0.52
7/4/2008 14:50	1.018	0.52
7/4/2008 14:55	1.017	0.52
7/4/2008 15:00	1.017	0.52
7/4/2008 15:05	1.017	0.5
7/4/2008 15:10	1.016	0.49
7/4/2008 15:15	1.016	0.5
7/4/2008 15:20	1.015	0.5
7/4/2008 15:25	1.015	0.52
7/4/2008 15:30	1.014	0.5
7/4/2008 15:35	1.014	0.5
7/4/2008 15:40	1.013	0.52
7/4/2008 15:45	1.011	0.55
7/4/2008 15:50	1.011	0.5
7/4/2008 15:55	1.011	0.51
7/4/2008 16:00	1.009	0.51
7/4/2008 16:05	1.009	0.5
7/4/2008 16:10	1.009	0.53
7/4/2008 16:15	1.009	0.51
7/4/2008 16:20	1.008	0.53
7/4/2008 16:25	1.008	0.51
7/4/2008 16:30	1.007	0.49
7/4/2008 16:35	1.008	0.49
7/4/2008 16:40	1.005	0.54
7/4/2008 16:45	1.004	0.51
7/4/2008 16:50	1.004	0.5
7/4/2008 16:55	1.009	0.57
7/4/2008 17:00	1.012	0.52
7/4/2008 17:05	1.012	0.53
7/4/2008 17:10	1.011	0.55
7/4/2008 17:15	1.009	0.53
7/4/2008 17:20	1.01	0.5
7/4/2008 17:25	1.01	0.52
7/4/2008 17:30	1.009	0.5
7/4/2008 17:35	1.008	0.47
7/4/2008 17:40	1.007	0.51
7/4/2008 17:45	1.007	0.49
7/4/2008 17:50	1.006	0.49
7/4/2008 17:55	1.006	0.52
7/4/2008 18:00	1.005	0.5
7/4/2008 18:05	1.006	0.52
7/4/2008 18:10	1.005	0.49

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 18:15	1.004	0.52
7/4/2008 18:20	1.005	0.49
7/4/2008 18:25	1.004	0.51
7/4/2008 18:30	1.003	0.48
7/4/2008 18:35	1.003	0.5
7/4/2008 18:40	1.002	0.52
7/4/2008 18:45	1.001	0.49
7/4/2008 18:50	1.002	0.48
7/4/2008 18:55	1.001	0.49
7/4/2008 19:00	1	0.49
7/4/2008 19:05	1.001	0.49
7/4/2008 19:10	1	0.48
7/4/2008 19:15	0.999	0.48
7/4/2008 19:20	0.999	0.51
7/4/2008 19:25	0.999	0.49
7/4/2008 19:30	0.998	0.48
7/4/2008 19:35	0.997	0.5
7/4/2008 19:40	0.998	0.49
7/4/2008 19:45	0.997	0.51
7/4/2008 19:50	0.998	0.49
7/4/2008 19:55	0.997	0.48
7/4/2008 20:00	0.996	0.5
7/4/2008 20:05	0.996	0.5
7/4/2008 20:10	0.995	0.49
7/4/2008 20:15	0.994	0.46
7/4/2008 20:20	0.994	0.49
7/4/2008 20:25	0.994	0.49
7/4/2008 20:30	0.994	0.49
7/4/2008 20:35	0.993	0.48
7/4/2008 20:40	0.993	0.52
7/4/2008 20:45	0.993	0.49
7/4/2008 20:50	0.992	0.48
7/4/2008 20:55	0.991	0.48
7/4/2008 21:00	0.991	0.51
7/4/2008 21:05	0.99	0.47
7/4/2008 21:10	0.991	0.48
7/4/2008 21:15	0.99	0.48
7/4/2008 21:20	0.99	0.48
7/4/2008 21:25	0.99	0.46
7/4/2008 21:30	0.989	0.47
7/4/2008 21:35	0.989	0.48
7/4/2008 21:40	0.988	0.49
7/4/2008 21:45	0.987	0.47
7/4/2008 21:50	0.985	0.48

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/4/2008 21:55	0.984	0.48
7/4/2008 22:00	0.983	0.52
7/4/2008 22:05	0.983	0.49
7/4/2008 22:10	0.982	0.47
7/4/2008 22:15	0.982	0.48
7/4/2008 22:20	0.983	0.49
7/4/2008 22:25	0.982	0.46
7/4/2008 22:30	0.981	0.48
7/4/2008 22:35	0.981	0.5
7/4/2008 22:40	0.981	0.47
7/4/2008 22:45	0.98	0.49
7/4/2008 22:50	0.98	0.48
7/4/2008 22:55	0.979	0.49
7/4/2008 23:00	0.979	0.47
7/4/2008 23:05	0.979	0.46
7/4/2008 23:10	0.979	0.48
7/4/2008 23:15	0.978	0.45
7/4/2008 23:20	0.978	0.48
7/4/2008 23:25	0.978	0.49
7/4/2008 23:30	0.978	0.48
7/4/2008 23:35	0.978	0.46
7/4/2008 23:40	0.978	0.46
7/4/2008 23:45	0.978	0.47
7/4/2008 23:50	0.977	0.47
7/4/2008 23:55	0.978	0.46
7/5/2008 0:00	0.978	0.46
7/5/2008 0:05	0.977	0.49
7/5/2008 0:10	0.977	0.45
7/5/2008 0:15	0.976	0.5
7/5/2008 0:20	0.977	0.47
7/5/2008 0:25	0.976	0.46
7/5/2008 0:30	0.976	0.47
7/5/2008 0:35	0.976	0.47
7/5/2008 0:40	0.975	0.47
7/5/2008 0:45	0.975	0.46
7/5/2008 0:50	0.975	0.5
7/5/2008 0:55	0.975	0.47
7/5/2008 1:00	0.974	0.48
7/5/2008 1:05	0.974	0.46
7/5/2008 1:10	0.973	0.48
7/5/2008 1:15	0.973	0.47
7/5/2008 1:20	0.973	0.49
7/5/2008 1:25	0.973	0.49
7/5/2008 1:30	0.974	0.46

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 1:35	0.973	0.46
7/5/2008 1:40	0.973	0.48
7/5/2008 1:45	0.973	0.74
7/5/2008 1:50	0.973	0.46
7/5/2008 1:55	0.973	0.45
7/5/2008 2:00	0.973	0.46
7/5/2008 2:05	0.973	0.48
7/5/2008 2:10	0.972	0.49
7/5/2008 2:15	0.972	0.47
7/5/2008 2:20	0.972	0.48
7/5/2008 2:25	0.971	0.47
7/5/2008 2:30	0.971	0.45
7/5/2008 2:35	0.971	0.47
7/5/2008 2:40	0.971	0.47
7/5/2008 2:45	0.971	0.47
7/5/2008 2:50	0.963	0.44
7/5/2008 2:55	0.953	0.45
7/5/2008 3:00	0.949	0.42
7/5/2008 3:05	0.949	0.46
7/5/2008 3:10	0.949	0.45
7/5/2008 3:15	0.949	0.43
7/5/2008 3:20	0.948	0.44
7/5/2008 3:25	0.948	0.46
7/5/2008 3:30	0.948	0.44
7/5/2008 3:35	0.948	0.44
7/5/2008 3:40	0.948	0.44
7/5/2008 3:45	0.949	0.47
7/5/2008 3:50	0.95	0.45
7/5/2008 3:55	0.95	0.42
7/5/2008 4:00	0.95	0.47
7/5/2008 4:05	0.95	0.44
7/5/2008 4:10	0.949	0.52
7/5/2008 4:15	0.947	0.44
7/5/2008 4:20	0.943	0.46
7/5/2008 4:25	0.941	0.44
7/5/2008 4:30	0.941	0.45
7/5/2008 4:35	0.941	0.45
7/5/2008 4:40	0.941	0.45
7/5/2008 4:45	0.94	0.46
7/5/2008 4:50	0.941	0.44
7/5/2008 4:55	0.94	0.42
7/5/2008 5:00	0.94	0.45
7/5/2008 5:05	0.939	0.49
7/5/2008 5:10	0.939	0.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 5:15	0.939	0.46
7/5/2008 5:20	0.939	0.43
7/5/2008 5:25	0.939	0.46
7/5/2008 5:30	0.939	0.44
7/5/2008 5:35	0.938	0.45
7/5/2008 5:40	0.939	0.45
7/5/2008 5:45	0.938	0.45
7/5/2008 5:50	0.937	0.42
7/5/2008 5:55	0.937	0.44
7/5/2008 6:00	0.938	0.45
7/5/2008 6:05	0.937	0.44
7/5/2008 6:10	0.937	0.43
7/5/2008 6:15	0.937	0.45
7/5/2008 6:20	0.936	0.46
7/5/2008 6:25	0.936	0.44
7/5/2008 6:30	0.936	0.42
7/5/2008 6:35	0.936	0.45
7/5/2008 6:40	0.935	0.44
7/5/2008 6:45	0.935	0.45
7/5/2008 6:50	0.935	0.43
7/5/2008 6:55	0.935	0.42
7/5/2008 7:00	0.935	0.44
7/5/2008 7:05	0.935	0.45
7/5/2008 7:10	0.934	0.44
7/5/2008 7:15	0.935	0.46
7/5/2008 7:20	0.935	0.54
7/5/2008 7:25	0.935	0.44
7/5/2008 7:30	0.934	0.43
7/5/2008 7:35	0.934	0.45
7/5/2008 7:40	0.934	0.45
7/5/2008 7:45	0.934	0.45
7/5/2008 7:50	0.934	0.44
7/5/2008 7:55	0.934	0.46
7/5/2008 8:00	0.934	0.44
7/5/2008 8:05	0.934	0.44
7/5/2008 8:10	0.934	0.43
7/5/2008 8:15	0.933	0.44
7/5/2008 8:20	0.934	0.44
7/5/2008 8:25	0.934	0.45
7/5/2008 8:30	0.934	0.44
7/5/2008 8:35	0.933	0.46
7/5/2008 8:40	0.933	0.42
7/5/2008 8:45	0.933	0.44
7/5/2008 8:50	0.933	0.44

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 8:55	0.933	0.44
7/5/2008 9:00	0.933	0.46
7/5/2008 9:05	0.933	0.47
7/5/2008 9:10	0.933	0.45
7/5/2008 9:15	0.933	0.43
7/5/2008 9:20	0.933	0.47
7/5/2008 9:25	0.933	0.45
7/5/2008 9:30	0.933	0.44
7/5/2008 9:35	0.933	0.43
7/5/2008 9:40	0.933	0.45
7/5/2008 9:45	0.933	0.46
7/5/2008 9:50	0.933	0.44
7/5/2008 9:55	0.932	0.45
7/5/2008 10:00	0.933	0.45
7/5/2008 10:05	0.933	0.44
7/5/2008 10:10	0.933	0.43
7/5/2008 10:15	0.933	0.43
7/5/2008 10:20	0.933	0.45
7/5/2008 10:25	0.933	0.46
7/5/2008 10:30	0.932	0.44
7/5/2008 10:35	0.932	0.45
7/5/2008 10:40	0.933	0.44
7/5/2008 10:45	0.933	0.43
7/5/2008 10:50	0.933	0.47
7/5/2008 10:55	0.933	0.45
7/5/2008 11:00	0.933	0.45
7/5/2008 11:05	0.933	0.44
7/5/2008 11:10	0.933	0.42
7/5/2008 11:15	0.933	0.45
7/5/2008 11:20	0.933	0.45
7/5/2008 11:25	0.933	0.45
7/5/2008 11:30	0.932	0.43
7/5/2008 11:35	0.933	0.44
7/5/2008 11:40	0.932	0.43
7/5/2008 11:45	0.932	0.44
7/5/2008 11:50	0.932	0.43
7/5/2008 11:55	0.932	0.45
7/5/2008 12:00	0.932	0.45
7/5/2008 12:05	0.932	0.45
7/5/2008 12:10	0.932	0.45
7/5/2008 12:15	0.932	0.43
7/5/2008 12:20	0.932	0.44
7/5/2008 12:25	0.931	0.43
7/5/2008 12:30	0.931	0.47

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 12:35	0.931	0.43
7/5/2008 12:40	0.931	0.45
7/5/2008 12:45	0.931	0.45
7/5/2008 12:50	0.933	0.43
7/5/2008 12:55	0.933	0.46
7/5/2008 13:00	0.932	0.44
7/5/2008 13:05	0.933	0.44
7/5/2008 13:10	0.932	0.45
7/5/2008 13:15	0.931	0.46
7/5/2008 13:20	0.931	0.47
7/5/2008 13:25	0.93	0.44
7/5/2008 13:30	0.93	0.44
7/5/2008 13:35	0.93	0.47
7/5/2008 13:40	0.931	0.44
7/5/2008 13:45	0.931	0.65
7/5/2008 13:50	0.931	0.44
7/5/2008 13:55	0.93	0.46
7/5/2008 14:00	0.93	0.44
7/5/2008 14:05	0.931	0.41
7/5/2008 14:10	0.931	0.43
7/5/2008 14:15	0.931	0.44
7/5/2008 14:20	0.932	0.45
7/5/2008 14:25	0.932	0.47
7/5/2008 14:30	0.932	0.47
7/5/2008 14:35	0.932	0.45
7/5/2008 14:40	0.933	0.45
7/5/2008 14:45	0.932	0.46
7/5/2008 14:50	0.932	0.46
7/5/2008 14:55	0.932	0.43
7/5/2008 15:00	0.931	0.44
7/5/2008 15:05	0.932	0.43
7/5/2008 15:10	0.932	0.44
7/5/2008 15:15	0.931	0.46
7/5/2008 15:20	0.932	0.43
7/5/2008 15:25	0.932	0.42
7/5/2008 15:30	0.931	0.44
7/5/2008 15:35	0.932	0.45
7/5/2008 15:40	0.931	0.43
7/5/2008 15:45	0.931	0.43
7/5/2008 15:50	0.931	0.44
7/5/2008 15:55	0.93	0.44
7/5/2008 16:00	0.93	0.42
7/5/2008 16:05	0.93	0.42
7/5/2008 16:10	0.93	0.42

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 16:15	0.93	0.45
7/5/2008 16:20	0.93	0.44
7/5/2008 16:25	0.93	0.45
7/5/2008 16:30	0.93	0.45
7/5/2008 16:35	0.93	0.43
7/5/2008 16:40	0.93	0.45
7/5/2008 16:45	0.929	0.44
7/5/2008 16:50	0.93	0.41
7/5/2008 16:55	0.929	0.42
7/5/2008 17:00	0.929	0.44
7/5/2008 17:05	0.929	0.43
7/5/2008 17:10	0.929	0.43
7/5/2008 17:15	0.928	0.43
7/5/2008 17:20	0.929	0.43
7/5/2008 17:25	0.929	0.42
7/5/2008 17:30	0.928	0.44
7/5/2008 17:35	0.928	0.46
7/5/2008 17:40	0.928	0.44
7/5/2008 17:45	0.928	0.43
7/5/2008 17:50	0.928	0.42
7/5/2008 17:55	0.927	0.46
7/5/2008 18:00	0.927	0.44
7/5/2008 18:05	0.928	0.44
7/5/2008 18:10	0.928	0.43
7/5/2008 18:15	0.928	0.45
7/5/2008 18:20	0.928	0.41
7/5/2008 18:25	0.928	0.44
7/5/2008 18:30	0.927	0.43
7/5/2008 18:35	0.927	0.47
7/5/2008 18:40	0.927	0.45
7/5/2008 18:45	0.927	0.44
7/5/2008 18:50	0.927	0.45
7/5/2008 18:55	0.927	0.43
7/5/2008 19:00	0.926	0.44
7/5/2008 19:05	0.927	0.45
7/5/2008 19:10	0.927	0.4
7/5/2008 19:15	0.926	0.44
7/5/2008 19:20	0.927	0.45
7/5/2008 19:25	0.927	0.44
7/5/2008 19:30	0.927	0.44
7/5/2008 19:35	0.927	0.43
7/5/2008 19:40	0.928	0.43
7/5/2008 19:45	0.927	0.45
7/5/2008 19:50	0.927	0.43

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 19:55	0.927	0.42
7/5/2008 20:00	0.927	0.42
7/5/2008 20:05	0.926	0.43
7/5/2008 20:10	0.926	0.44
7/5/2008 20:15	0.926	0.45
7/5/2008 20:20	0.926	0.45
7/5/2008 20:25	0.927	0.44
7/5/2008 20:30	0.927	0.43
7/5/2008 20:35	0.926	0.43
7/5/2008 20:40	0.927	0.44
7/5/2008 20:45	0.92	0.43
7/5/2008 20:50	0.919	0.44
7/5/2008 20:55	0.919	0.44
7/5/2008 21:00	0.919	0.42
7/5/2008 21:05	0.918	0.43
7/5/2008 21:10	0.918	0.43
7/5/2008 21:15	0.917	0.44
7/5/2008 21:20	0.917	0.43
7/5/2008 21:25	0.919	0.43
7/5/2008 21:30	0.918	0.41
7/5/2008 21:35	0.918	0.44
7/5/2008 21:40	0.919	0.44
7/5/2008 21:45	0.918	0.41
7/5/2008 21:50	0.918	0.42
7/5/2008 21:55	0.918	0.44
7/5/2008 22:00	0.918	0.42
7/5/2008 22:05	0.919	0.44
7/5/2008 22:10	0.918	0.43
7/5/2008 22:15	0.918	0.64
7/5/2008 22:20	0.918	0.44
7/5/2008 22:25	0.918	0.47
7/5/2008 22:30	0.917	0.42
7/5/2008 22:35	0.918	0.44
7/5/2008 22:40	0.918	0.4
7/5/2008 22:45	0.918	0.44
7/5/2008 22:50	0.918	0.44
7/5/2008 22:55	0.918	0.44
7/5/2008 23:00	0.918	0.42
7/5/2008 23:05	0.918	0.46
7/5/2008 23:10	0.918	0.44
7/5/2008 23:15	0.918	0.44
7/5/2008 23:20	0.918	0.45
7/5/2008 23:25	0.918	0.46
7/5/2008 23:30	0.917	0.45

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/5/2008 23:35	0.917	0.49
7/5/2008 23:40	0.917	0.44
7/5/2008 23:45	0.917	0.45
7/5/2008 23:50	0.917	0.42
7/5/2008 23:55	0.917	0.45
7/6/2008 0:00	0.945	0.44
7/6/2008 0:05	0.921	0.39
7/6/2008 0:10	0.92	0.43
7/6/2008 0:15	0.918	0.47
7/6/2008 0:20	0.917	0.44
7/6/2008 0:25	0.917	0.43
7/6/2008 0:30	0.917	0.44
7/6/2008 0:35	0.917	0.47
7/6/2008 0:40	0.917	0.46
7/6/2008 0:45	0.917	0.44
7/6/2008 0:50	0.916	0.44
7/6/2008 0:55	0.917	0.44
7/6/2008 1:00	0.917	0.42
7/6/2008 1:05	0.912	0.43
7/6/2008 1:10	0.909	0.45
7/6/2008 1:15	0.909	0.43
7/6/2008 1:20	0.909	0.43
7/6/2008 1:25	0.909	0.42
7/6/2008 1:30	0.909	0.4
7/6/2008 1:35	0.909	0.43
7/6/2008 1:40	0.908	0.43
7/6/2008 1:45	0.907	0.39
7/6/2008 1:50	0.903	0.4
7/6/2008 1:55	0.903	0.42
7/6/2008 2:00	0.902	0.42
7/6/2008 2:05	0.902	0.41
7/6/2008 2:10	0.902	0.4
7/6/2008 2:15	0.902	0.43
7/6/2008 2:20	0.902	0.42
7/6/2008 2:25	0.902	0.41
7/6/2008 2:30	0.902	0.43
7/6/2008 2:35	0.902	0.44
7/6/2008 2:40	0.903	0.4
7/6/2008 2:45	0.902	0.43
7/6/2008 2:50	0.903	0.44
7/6/2008 2:55	0.903	0.45
7/6/2008 3:00	0.903	0.42
7/6/2008 3:05	0.903	0.41
7/6/2008 3:10	0.903	0.42

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 3:15	0.904	0.44
7/6/2008 3:20	0.903	0.42
7/6/2008 3:25	0.903	0.46
7/6/2008 3:30	0.903	0.41
7/6/2008 3:35	0.904	0.43
7/6/2008 3:40	0.903	0.45
7/6/2008 3:45	0.903	0.43
7/6/2008 3:50	0.903	0.47
7/6/2008 3:55	0.903	0.44
7/6/2008 4:00	0.903	0.46
7/6/2008 4:05	0.903	0.44
7/6/2008 4:10	0.903	0.44
7/6/2008 4:15	0.902	0.42
7/6/2008 4:20	0.902	0.42
7/6/2008 4:25	0.902	0.42
7/6/2008 4:30	0.902	0.41
7/6/2008 4:35	0.902	0.44
7/6/2008 4:40	0.901	0.41
7/6/2008 4:45	0.902	0.43
7/6/2008 4:50	0.902	0.41
7/6/2008 4:55	0.901	0.44
7/6/2008 5:00	0.901	0.42
7/6/2008 5:05	0.901	0.41
7/6/2008 5:10	0.9	0.42
7/6/2008 5:15	0.901	0.41
7/6/2008 5:20	0.9	0.41
7/6/2008 5:25	0.9	0.42
7/6/2008 5:30	0.9	0.42
7/6/2008 5:35	0.9	0.4
7/6/2008 5:40	0.9	0.46
7/6/2008 5:45	0.9	0.4
7/6/2008 5:50	0.899	0.44
7/6/2008 5:55	0.899	0.46
7/6/2008 6:00	0.899	0.42
7/6/2008 6:05	0.899	0.43
7/6/2008 6:10	0.898	0.42
7/6/2008 6:15	0.898	0.45
7/6/2008 6:20	0.899	0.44
7/6/2008 6:25	0.899	0.44
7/6/2008 6:30	0.899	0.43
7/6/2008 6:35	0.899	0.42
7/6/2008 6:40	0.898	0.45
7/6/2008 6:45	0.898	0.41
7/6/2008 6:50	0.898	0.45

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 6:55	0.898	0.44
7/6/2008 7:00	0.898	0.41
7/6/2008 7:05	0.898	0.44
7/6/2008 7:10	0.899	0.66
7/6/2008 7:15	0.897	0.42
7/6/2008 7:20	0.898	0.42
7/6/2008 7:25	0.898	0.4
7/6/2008 7:30	0.897	0.43
7/6/2008 7:35	0.897	0.42
7/6/2008 7:40	0.897	0.42
7/6/2008 7:45	0.897	0.45
7/6/2008 7:50	0.897	0.42
7/6/2008 7:55	0.897	0.41
7/6/2008 8:00	0.896	0.48
7/6/2008 8:05	0.897	0.42
7/6/2008 8:10	0.897	0.42
7/6/2008 8:15	0.897	0.42
7/6/2008 8:20	0.897	0.45
7/6/2008 8:25	0.897	0.44
7/6/2008 8:30	0.897	0.42
7/6/2008 8:35	0.897	0.4
7/6/2008 8:40	0.897	0.41
7/6/2008 8:45	0.896	0.42
7/6/2008 8:50	0.897	0.44
7/6/2008 8:55	0.896	0.4
7/6/2008 9:00	0.897	0.42
7/6/2008 9:05	0.897	0.44
7/6/2008 9:10	0.897	0.41
7/6/2008 9:15	0.896	0.4
7/6/2008 9:20	0.897	0.45
7/6/2008 9:25	0.898	0.43
7/6/2008 9:30	0.897	0.42
7/6/2008 9:35	0.897	0.42
7/6/2008 9:40	0.897	0.4
7/6/2008 9:45	0.897	0.43
7/6/2008 9:50	0.896	0.4
7/6/2008 9:55	0.897	0.39
7/6/2008 10:00	0.898	0.39
7/6/2008 10:05	0.897	0.42
7/6/2008 10:10	0.898	0.41
7/6/2008 10:15	0.897	0.41
7/6/2008 10:20	0.897	0.41
7/6/2008 10:25	0.897	0.44
7/6/2008 10:30	0.896	0.4

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 10:35	0.896	0.42
7/6/2008 10:40	0.895	0.43
7/6/2008 10:45	0.894	0.43
7/6/2008 10:50	0.895	0.45
7/6/2008 10:55	0.893	0.41
7/6/2008 11:00	0.894	0.43
7/6/2008 11:05	0.894	0.41
7/6/2008 11:10	0.895	0.43
7/6/2008 11:15	0.894	0.42
7/6/2008 11:20	0.893	0.43
7/6/2008 11:25	0.893	0.42
7/6/2008 11:30	0.892	0.4
7/6/2008 11:35	0.893	0.4
7/6/2008 11:40	0.893	0.41
7/6/2008 11:45	0.891	0.43
7/6/2008 11:50	0.892	0.4
7/6/2008 11:55	0.891	0.44
7/6/2008 12:00	0.891	0.43
7/6/2008 12:05	0.891	0.41
7/6/2008 12:10	0.89	0.42
7/6/2008 12:15	0.889	0.4
7/6/2008 12:20	0.889	0.4
7/6/2008 12:25	0.89	0.42
7/6/2008 12:30	0.889	0.42
7/6/2008 12:35	0.89	0.42
7/6/2008 12:40	0.889	0.41
7/6/2008 12:45	0.887	0.41
7/6/2008 12:50	0.887	0.4
7/6/2008 12:55	0.887	0.41
7/6/2008 13:00	0.887	0.46
7/6/2008 13:05	0.886	0.39
7/6/2008 13:10	0.886	0.42
7/6/2008 13:15	0.884	0.39
7/6/2008 13:20	0.885	0.42
7/6/2008 13:25	0.885	0.43
7/6/2008 13:30	0.884	0.41
7/6/2008 13:35	0.884	0.41
7/6/2008 13:40	0.884	0.44
7/6/2008 13:45	0.883	0.41
7/6/2008 13:50	0.882	0.38
7/6/2008 13:55	0.882	0.43
7/6/2008 14:00	0.883	0.42
7/6/2008 14:05	0.882	0.41
7/6/2008 14:10	0.882	0.42

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 14:15	0.881	0.38
7/6/2008 14:20	0.881	0.41
7/6/2008 14:25	0.881	0.41
7/6/2008 14:30	0.881	0.42
7/6/2008 14:35	0.881	0.4
7/6/2008 14:40	0.881	0.43
7/6/2008 14:45	0.88	0.42
7/6/2008 14:50	0.88	0.42
7/6/2008 14:55	0.879	0.4
7/6/2008 15:00	0.878	0.42
7/6/2008 15:05	0.877	0.4
7/6/2008 15:10	0.877	0.39
7/6/2008 15:15	0.876	0.43
7/6/2008 15:20	0.876	0.42
7/6/2008 15:25	0.877	0.43
7/6/2008 15:30	0.877	0.4
7/6/2008 15:35	0.877	0.39
7/6/2008 15:40	0.878	0.41
7/6/2008 15:45	0.877	0.39
7/6/2008 15:50	0.877	0.42
7/6/2008 15:55	0.876	0.41
7/6/2008 16:00	0.875	0.41
7/6/2008 16:05	0.876	0.4
7/6/2008 16:10	0.876	0.4
7/6/2008 16:15	0.876	0.39
7/6/2008 16:20	0.876	0.4
7/6/2008 16:25	0.875	0.4
7/6/2008 16:30	0.874	0.37
7/6/2008 16:35	0.875	0.42
7/6/2008 16:40	0.876	0.42
7/6/2008 16:45	0.875	0.41
7/6/2008 16:50	0.875	0.41
7/6/2008 16:55	0.874	0.39
7/6/2008 17:00	0.875	0.45
7/6/2008 17:05	0.875	0.41
7/6/2008 17:10	0.876	0.4
7/6/2008 17:15	0.875	0.42
7/6/2008 17:20	0.876	0.4
7/6/2008 17:25	0.875	0.41
7/6/2008 17:30	0.875	0.45
7/6/2008 17:35	0.875	0.41
7/6/2008 17:40	0.875	0.36
7/6/2008 17:45	0.875	0.35
7/6/2008 17:50	0.876	0.35

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 17:55	0.875	0.33
7/6/2008 18:00	0.875	0.33
7/6/2008 18:05	0.876	0.32
7/6/2008 18:10	0.877	0.29
7/6/2008 18:15	0.876	0.29
7/6/2008 18:20	0.876	0.32
7/6/2008 18:25	0.876	0.31
7/6/2008 18:30	0.876	0.32
7/6/2008 18:35	0.876	0.32
7/6/2008 18:40	0.876	0.31
7/6/2008 18:45	0.875	0.3
7/6/2008 18:50	0.876	0.3
7/6/2008 18:55	0.875	0.27
7/6/2008 19:00	0.875	0.27
7/6/2008 19:05	0.876	0.27
7/6/2008 19:10	0.876	0.27
7/6/2008 19:15	0.876	0.27
7/6/2008 19:20	0.876	0.27
7/6/2008 19:25	0.875	0.27
7/6/2008 19:30	0.875	0.27
7/6/2008 19:35	0.875	0.27
7/6/2008 19:40	0.875	0.27
7/6/2008 19:45	0.868	0.29
7/6/2008 19:50	0.865	0.29
7/6/2008 19:55	0.848	0.29
7/6/2008 20:00	0.832	0.29
7/6/2008 20:05	0.813	0.29
7/6/2008 20:10	0.795	0.29
7/6/2008 20:15	0.781	0.39
7/6/2008 20:20	0.774	0.41
7/6/2008 20:25	0.77	0.39
7/6/2008 20:30	0.763	0.31
7/6/2008 20:35	0.758	0.39
7/6/2008 20:40	0.755	0.34
7/6/2008 20:45	0.754	0.39
7/6/2008 20:50	0.756	0.42
7/6/2008 20:55	0.756	0.4
7/6/2008 21:00	0.756	0.41
7/6/2008 21:05	0.751	0.35
7/6/2008 21:10	0.745	0.42
7/6/2008 21:15	0.743	0.41
7/6/2008 21:20	0.744	0.35
7/6/2008 21:25	0.743	0.38
7/6/2008 21:30	0.745	0.31

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/6/2008 21:35	0.748	0.35
7/6/2008 21:40	0.748	0.33
7/6/2008 21:45	0.748	0.34
7/6/2008 21:50	0.748	0.35
7/6/2008 21:55	0.748	0.34
7/6/2008 22:00	0.748	0.31
7/6/2008 22:05	0.748	0.39
7/6/2008 22:10	0.749	0.36
7/6/2008 22:15	0.75	0.33
7/6/2008 22:20	0.751	0.35
7/6/2008 22:25	0.75	0.39
7/6/2008 22:30	0.752	0.39
7/6/2008 22:35	0.753	0.37
7/6/2008 22:40	0.754	0.35
7/6/2008 22:45	0.754	0.33
7/6/2008 22:50	0.753	0.33
7/6/2008 22:55	0.753	0.32
7/6/2008 23:00	0.751	0.31
7/6/2008 23:05	0.752	0.31
7/6/2008 23:10	0.753	0.34
7/6/2008 23:15	0.753	0.49
7/6/2008 23:20	0.752	0.36
7/6/2008 23:25	0.752	0.28
7/6/2008 23:30	0.752	0.56
7/6/2008 23:35	0.751	0.33
7/6/2008 23:40	0.75	0.3
7/6/2008 23:45	0.75	0.32
7/6/2008 23:50	0.75	0.29
7/6/2008 23:55	0.75	0.36
7/7/2008 0:00	0.751	0.3
7/7/2008 0:05	0.751	0.32
7/7/2008 0:10	0.75	0.33
7/7/2008 0:15	0.752	0.32
7/7/2008 0:20	0.752	0.33
7/7/2008 0:25	0.753	0.31
7/7/2008 0:30	0.753	0.3
7/7/2008 0:35	0.752	0.3
7/7/2008 0:40	0.75	0.26
7/7/2008 0:45	0.748	0.32
7/7/2008 0:50	0.747	0.32
7/7/2008 0:55	0.747	0.32
7/7/2008 1:00	0.746	0.3
7/7/2008 1:05	0.747	0.32
7/7/2008 1:10	0.747	0.32

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 1:15	0.748	0.3
7/7/2008 1:20	0.748	0.37
7/7/2008 1:25	0.748	0.36
7/7/2008 1:30	0.748	0.37
7/7/2008 1:35	0.75	0.33
7/7/2008 1:40	0.751	0.34
7/7/2008 1:45	0.751	0.36
7/7/2008 1:50	0.752	0.32
7/7/2008 1:55	0.752	0.33
7/7/2008 2:00	0.752	0.33
7/7/2008 2:05	0.753	0.33
7/7/2008 2:10	0.753	0.33
7/7/2008 2:15	0.753	0.32
7/7/2008 2:20	0.753	0.32
7/7/2008 2:25	0.754	0.4
7/7/2008 2:30	0.754	0.33
7/7/2008 2:35	0.753	0.35
7/7/2008 2:40	0.753	0.35
7/7/2008 2:45	0.751	0.3
7/7/2008 2:50	0.752	0.35
7/7/2008 2:55	0.752	0.34
7/7/2008 3:00	0.752	0.33
7/7/2008 3:05	0.751	0.3
7/7/2008 3:10	0.749	0.32
7/7/2008 3:15	0.747	0.34
7/7/2008 3:20	0.744	0.32
7/7/2008 3:25	0.742	0.36
7/7/2008 3:30	0.74	0.33
7/7/2008 3:35	0.74	0.35
7/7/2008 3:40	0.738	0.35
7/7/2008 3:45	0.738	0.31
7/7/2008 3:50	0.738	0.33
7/7/2008 3:55	0.737	0.29
7/7/2008 4:00	0.737	0.31
7/7/2008 4:05	0.737	0.31
7/7/2008 4:10	0.737	0.34
7/7/2008 4:15	0.736	0.37
7/7/2008 4:20	0.736	0.3
7/7/2008 4:25	0.736	0.32
7/7/2008 4:30	0.736	0.33
7/7/2008 4:35	0.737	0.32
7/7/2008 4:40	0.736	0.33
7/7/2008 4:45	0.736	0.33
7/7/2008 4:50	0.736	0.36

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 4:55	0.737	0.4
7/7/2008 5:00	0.737	0.4
7/7/2008 5:05	0.737	0.31
7/7/2008 5:10	0.737	0.31
7/7/2008 5:15	0.738	0.31
7/7/2008 5:20	0.738	0.3
7/7/2008 5:25	0.739	0.31
7/7/2008 5:30	0.738	0.28
7/7/2008 5:35	0.738	0.36
7/7/2008 5:40	0.739	0.31
7/7/2008 5:45	0.739	0.29
7/7/2008 5:50	0.739	0.32
7/7/2008 5:55	0.739	0.34
7/7/2008 6:00	0.739	0.31
7/7/2008 6:05	0.74	0.34
7/7/2008 6:10	0.741	0.33
7/7/2008 6:15	0.74	0.3
7/7/2008 6:20	0.741	0.3
7/7/2008 6:25	0.741	0.32
7/7/2008 6:30	0.741	0.31
7/7/2008 6:35	0.741	0.32
7/7/2008 6:40	0.741	0.31
7/7/2008 6:45	0.741	0.31
7/7/2008 6:50	0.742	0.31
7/7/2008 6:55	0.742	0.31
7/7/2008 7:00	0.742	0.33
7/7/2008 7:05	0.742	0.29
7/7/2008 7:10	0.742	0.35
7/7/2008 7:15	0.742	0.32
7/7/2008 7:20	0.743	0.33
7/7/2008 7:25	0.743	0.32
7/7/2008 7:30	0.742	0.33
7/7/2008 7:35	0.743	0.3
7/7/2008 7:40	0.743	0.31
7/7/2008 7:45	0.743	0.32
7/7/2008 7:50	0.744	0.36
7/7/2008 7:55	0.744	0.31
7/7/2008 8:00	0.744	0.31
7/7/2008 8:05	0.745	0.31
7/7/2008 8:10	0.745	0.29
7/7/2008 8:15	0.745	0.33
7/7/2008 8:20	0.746	0.32
7/7/2008 8:25	0.746	0.31
7/7/2008 8:30	0.746	0.33

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 8:35	0.747	0.3
7/7/2008 8:40	0.803	0.47
7/7/2008 8:45	0.946	0.57
7/7/2008 8:50	0.99	0.59
7/7/2008 8:55	1.042	0.58
7/7/2008 9:00	1.176	0.72
7/7/2008 9:05	1.214	0.7
7/7/2008 9:10	1.22	0.71
7/7/2008 9:15	1.22	0.72
7/7/2008 9:20	1.22	0.76
7/7/2008 9:25	1.218	0.75
7/7/2008 9:30	1.215	0.68
7/7/2008 9:35	1.213	0.7
7/7/2008 9:40	1.21	0.72
7/7/2008 9:45	1.206	0.66
7/7/2008 9:50	1.203	0.68
7/7/2008 9:55	1.2	0.71
7/7/2008 10:00	1.198	0.68
7/7/2008 10:05	1.196	0.71
7/7/2008 10:10	1.193	0.67
7/7/2008 10:15	1.189	0.67
7/7/2008 10:20	1.186	0.68
7/7/2008 10:25	1.183	0.69
7/7/2008 10:30	1.181	0.68
7/7/2008 10:35	1.178	0.73
7/7/2008 10:40	1.176	0.67
7/7/2008 10:45	1.173	0.7
7/7/2008 10:50	1.169	0.64
7/7/2008 10:55	1.167	0.64
7/7/2008 11:00	1.164	0.66
7/7/2008 11:05	1.162	0.63
7/7/2008 11:10	1.16	0.64
7/7/2008 11:15	1.158	0.64
7/7/2008 11:20	1.156	0.63
7/7/2008 11:25	1.153	0.64
7/7/2008 11:30	1.151	0.62
7/7/2008 11:35	1.149	0.62
7/7/2008 11:40	1.147	0.62
7/7/2008 11:45	1.145	0.66
7/7/2008 11:50	1.143	0.65
7/7/2008 11:55	1.141	0.63
7/7/2008 12:00	1.139	0.61
7/7/2008 12:05	1.137	0.6
7/7/2008 12:10	1.135	0.62

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 12:15	1.132	0.62
7/7/2008 12:20	1.131	0.6
7/7/2008 12:25	1.128	0.62
7/7/2008 12:30	1.127	0.6
7/7/2008 12:35	1.125	0.6
7/7/2008 12:40	1.123	0.64
7/7/2008 12:45	1.121	0.61
7/7/2008 12:50	1.12	0.64
7/7/2008 12:55	1.118	0.62
7/7/2008 13:00	1.116	0.67
7/7/2008 13:05	1.114	0.6
7/7/2008 13:10	1.112	0.62
7/7/2008 13:15	1.11	0.61
7/7/2008 13:20	1.107	0.58
7/7/2008 13:25	1.106	0.62
7/7/2008 13:30	1.104	0.61
7/7/2008 13:35	1.102	0.6
7/7/2008 13:40	1.101	0.61
7/7/2008 13:45	1.099	0.66
7/7/2008 13:50	1.099	0.61
7/7/2008 13:55	1.096	0.6
7/7/2008 14:00	1.093	0.55
7/7/2008 14:05	1.093	0.61
7/7/2008 14:10	1.089	0.59
7/7/2008 14:15	1.088	0.58
7/7/2008 14:20	1.086	0.56
7/7/2008 14:25	1.085	0.58
7/7/2008 14:30	1.083	0.62
7/7/2008 14:35	1.082	0.57
7/7/2008 14:40	1.08	0.57
7/7/2008 14:45	1.077	0.57
7/7/2008 14:50	1.076	0.6
7/7/2008 14:55	1.074	0.57
7/7/2008 15:00	1.072	0.58
7/7/2008 15:05	1.071	0.59
7/7/2008 15:10	1.069	0.55
7/7/2008 15:15	1.067	0.57
7/7/2008 15:20	1.066	0.6
7/7/2008 15:25	1.065	0.54
7/7/2008 15:30	1.062	0.58
7/7/2008 15:35	1.062	0.58
7/7/2008 15:40	1.061	0.57
7/7/2008 15:45	1.058	0.57
7/7/2008 15:50	1.057	0.56

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 15:55	1.056	0.59
7/7/2008 16:00	1.054	0.55
7/7/2008 16:05	1.053	0.55
7/7/2008 16:10	1.052	0.56
7/7/2008 16:15	1.049	0.62
7/7/2008 16:20	1.049	0.54
7/7/2008 16:25	1.048	0.53
7/7/2008 16:30	1.046	0.53
7/7/2008 16:35	1.045	0.56
7/7/2008 16:40	1.043	0.54
7/7/2008 16:45	1.042	0.57
7/7/2008 16:50	1.041	0.57
7/7/2008 16:55	1.04	0.56
7/7/2008 17:00	1.038	0.53
7/7/2008 17:05	1.037	0.58
7/7/2008 17:10	1.036	0.57
7/7/2008 17:15	1.034	0.54
7/7/2008 17:20	1.033	0.56
7/7/2008 17:25	1.032	0.53
7/7/2008 17:30	1.032	0.54
7/7/2008 17:35	1.104	0.66
7/7/2008 17:40	1.166	0.67
7/7/2008 17:45	1.176	0.65
7/7/2008 17:50	1.177	0.66
7/7/2008 17:55	1.175	0.68
7/7/2008 18:00	1.173	0.66
7/7/2008 18:05	1.17	0.64
7/7/2008 18:10	1.168	0.65
7/7/2008 18:15	1.163	0.86
7/7/2008 18:20	1.162	0.61
7/7/2008 18:25	1.159	0.61
7/7/2008 18:30	1.142	0.8
7/7/2008 18:35	1.135	0.8
7/7/2008 18:40	1.133	0.58
7/7/2008 18:45	1.13	0.59
7/7/2008 18:50	1.127	0.63
7/7/2008 18:55	1.125	0.64
7/7/2008 19:00	1.124	0.64
7/7/2008 19:05	1.123	0.6
7/7/2008 19:10	1.115	0.61
7/7/2008 19:15	1.088	0.57
7/7/2008 19:20	1.075	0.57
7/7/2008 19:25	1.069	0.58
7/7/2008 19:30	1.064	0.57

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 19:35	1.062	0.58
7/7/2008 19:40	1.035	0.55
7/7/2008 19:45	1.03	0.53
7/7/2008 19:50	1.019	0.49
7/7/2008 19:55	0.975	0.45
7/7/2008 20:00	0.946	0.45
7/7/2008 20:05	0.926	0.43
7/7/2008 20:10	0.909	0.4
7/7/2008 20:15	0.898	0.39
7/7/2008 20:20	0.885	0.39
7/7/2008 20:25	0.881	0.37
7/7/2008 20:30	0.874	0.37
7/7/2008 20:35	0.873	0.36
7/7/2008 20:40	0.872	0.36
7/7/2008 20:45	0.87	0.35
7/7/2008 20:50	0.87	0.37
7/7/2008 20:55	0.869	0.35
7/7/2008 21:00	0.869	0.35
7/7/2008 21:05	0.87	0.38
7/7/2008 21:10	0.866	0.38
7/7/2008 21:15	0.861	0.35
7/7/2008 21:20	0.851	0.34
7/7/2008 21:25	0.847	0.33
7/7/2008 21:30	0.834	0.33
7/7/2008 21:35	0.833	0.35
7/7/2008 21:40	0.832	0.35
7/7/2008 21:45	0.832	0.34
7/7/2008 21:50	0.834	0.31
7/7/2008 21:55	0.833	0.31
7/7/2008 22:00	0.833	0.37
7/7/2008 22:05	0.834	0.3
7/7/2008 22:10	0.834	0.33
7/7/2008 22:15	0.833	0.33
7/7/2008 22:20	0.833	0.38
7/7/2008 22:25	0.833	0.34
7/7/2008 22:30	0.833	0.32
7/7/2008 22:35	0.834	0.32
7/7/2008 22:40	0.834	0.33
7/7/2008 22:45	0.833	0.38
7/7/2008 22:50	0.834	0.36
7/7/2008 22:55	0.833	0.33
7/7/2008 23:00	0.833	0.33
7/7/2008 23:05	0.833	0.34
7/7/2008 23:10	0.834	0.34

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/7/2008 23:15	0.833	0.35
7/7/2008 23:20	0.834	0.32
7/7/2008 23:25	0.833	0.34
7/7/2008 23:30	0.833	0.32
7/7/2008 23:35	0.834	0.34
7/7/2008 23:40	0.835	0.34
7/7/2008 23:45	0.835	0.33
7/7/2008 23:50	0.837	0.35
7/7/2008 23:55	0.839	0.66
7/8/2008 0:00	0.84	0.33
7/8/2008 0:05	0.838	0.34
7/8/2008 0:10	0.834	0.33
7/8/2008 0:15	0.833	0.35
7/8/2008 0:20	0.834	0.37
7/8/2008 0:25	0.835	0.37
7/8/2008 0:30	0.835	0.32
7/8/2008 0:35	0.83	0.31
7/8/2008 0:40	0.821	0.33
7/8/2008 0:45	0.815	0.33
7/8/2008 0:50	0.808	0.29
7/8/2008 0:55	0.801	0.35
7/8/2008 1:00	0.799	0.32
7/8/2008 1:05	0.798	0.32
7/8/2008 1:10	0.797	0.35
7/8/2008 1:15	0.794	0.3
7/8/2008 1:20	0.789	0.31
7/8/2008 1:25	0.788	0.34
7/8/2008 1:30	0.787	0.32
7/8/2008 1:35	0.783	0.31
7/8/2008 1:40	0.781	0.28
7/8/2008 1:45	0.776	0.32
7/8/2008 1:50	0.775	0.28
7/8/2008 1:55	0.775	0.32
7/8/2008 2:00	0.772	0.31
7/8/2008 2:05	0.772	0.33
7/8/2008 2:10	0.77	0.3
7/8/2008 2:15	0.768	0.3
7/8/2008 2:20	0.767	0.34
7/8/2008 2:25	0.768	0.29
7/8/2008 2:30	0.767	0.38
7/8/2008 2:35	0.766	0.27
7/8/2008 2:40	0.766	0.29
7/8/2008 2:45	0.766	0.29
7/8/2008 2:50	0.765	0.29

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 2:55	0.761	0.34
7/8/2008 3:00	0.759	0.3
7/8/2008 3:05	0.758	0.38
7/8/2008 3:10	0.758	0.33
7/8/2008 3:15	0.758	0.33
7/8/2008 3:20	0.757	0.33
7/8/2008 3:25	0.756	0.31
7/8/2008 3:30	0.756	0.29
7/8/2008 3:35	0.756	0.24
7/8/2008 3:40	0.756	0.24
7/8/2008 3:45	0.756	0.31
7/8/2008 3:50	0.756	0.29
7/8/2008 3:55	0.754	0.29
7/8/2008 4:00	0.754	0.28
7/8/2008 4:05	0.754	0.28
7/8/2008 4:10	0.755	0.32
7/8/2008 4:15	0.754	0.34
7/8/2008 4:20	0.754	0.3
7/8/2008 4:25	0.753	0.3
7/8/2008 4:30	0.755	0.32
7/8/2008 4:35	0.756	0.28
7/8/2008 4:40	0.756	0.31
7/8/2008 4:45	0.756	0.33
7/8/2008 4:50	0.755	0.3
7/8/2008 4:55	0.754	0.31
7/8/2008 5:00	0.752	0.28
7/8/2008 5:05	0.751	0.33
7/8/2008 5:10	0.75	0.3
7/8/2008 5:15	0.748	0.33
7/8/2008 5:20	0.748	0.34
7/8/2008 5:25	0.748	0.33
7/8/2008 5:30	0.747	0.34
7/8/2008 5:35	0.748	0.28
7/8/2008 5:40	0.747	0.28
7/8/2008 5:45	0.753	0.29
7/8/2008 5:50	0.757	0.31
7/8/2008 5:55	0.759	0.31
7/8/2008 6:00	0.757	0.31
7/8/2008 6:05	0.759	0.37
7/8/2008 6:10	0.758	0.28
7/8/2008 6:15	0.757	0.3
7/8/2008 6:20	0.758	0.31
7/8/2008 6:25	0.76	0.31
7/8/2008 6:30	0.759	0.31

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 6:35	0.759	0.31
7/8/2008 6:40	0.758	0.31
7/8/2008 6:45	0.758	0.31
7/8/2008 6:50	0.758	0.31
7/8/2008 6:55	0.758	0.28
7/8/2008 7:00	0.759	0.34
7/8/2008 7:05	0.759	0.28
7/8/2008 7:10	0.76	0.32
7/8/2008 7:15	0.76	0.32
7/8/2008 7:20	0.76	0.3
7/8/2008 7:25	0.76	0.28
7/8/2008 7:30	0.76	0.29
7/8/2008 7:35	0.76	0.33
7/8/2008 7:40	0.76	0.27
7/8/2008 7:45	0.761	0.36
7/8/2008 7:50	0.762	0.36
7/8/2008 7:55	0.762	0.36
7/8/2008 8:00	0.761	0.29
7/8/2008 8:05	0.762	0.3
7/8/2008 8:10	0.763	0.3
7/8/2008 8:15	0.762	0.29
7/8/2008 8:20	0.762	0.3
7/8/2008 8:25	0.763	0.27
7/8/2008 8:30	0.763	0.33
7/8/2008 8:35	0.763	0.27
7/8/2008 8:40	0.763	0.3
7/8/2008 8:45	0.763	0.32
7/8/2008 8:50	0.763	0.28
7/8/2008 8:55	0.764	0.32
7/8/2008 9:00	0.764	0.31
7/8/2008 9:05	0.765	0.33
7/8/2008 9:10	0.765	0.31
7/8/2008 9:15	0.764	0.31
7/8/2008 9:20	0.765	0.32
7/8/2008 9:25	0.765	0.32
7/8/2008 9:30	0.765	0.32
7/8/2008 9:35	0.765	0.5
7/8/2008 9:40	0.765	0.34
7/8/2008 9:45	0.765	0.29
7/8/2008 9:50	0.765	0.31
7/8/2008 9:55	0.765	0.3
7/8/2008 10:00	0.764	0.27
7/8/2008 10:05	0.765	0.28
7/8/2008 10:10	0.765	0.32

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 10:15	0.764	0.32
7/8/2008 10:20	0.765	0.28
7/8/2008 10:25	0.764	0.31
7/8/2008 10:30	0.765	0.29
7/8/2008 10:35	0.766	0.29
7/8/2008 10:40	0.767	0.3
7/8/2008 10:45	0.847	0.38
7/8/2008 10:50	0.901	0.41
7/8/2008 10:55	0.91	0.45
7/8/2008 11:00	0.912	0.41
7/8/2008 11:05	0.912	0.41
7/8/2008 11:10	0.912	0.4
7/8/2008 11:15	0.911	0.41
7/8/2008 11:20	0.91	0.42
7/8/2008 11:25	0.909	0.43
7/8/2008 11:30	0.908	0.44
7/8/2008 11:35	0.908	0.42
7/8/2008 11:40	0.907	0.38
7/8/2008 11:45	0.905	0.41
7/8/2008 11:50	0.906	0.42
7/8/2008 11:55	0.905	0.4
7/8/2008 12:00	0.903	0.4
7/8/2008 12:05	0.902	0.41
7/8/2008 12:10	0.901	0.4
7/8/2008 12:15	0.901	0.4
7/8/2008 12:20	0.901	0.41
7/8/2008 12:25	0.901	0.4
7/8/2008 12:30	0.899	0.43
7/8/2008 12:35	0.899	0.42
7/8/2008 12:40	0.898	0.38
7/8/2008 12:45	0.898	0.41
7/8/2008 12:50	0.897	0.44
7/8/2008 12:55	0.896	0.41
7/8/2008 13:00	0.895	0.39
7/8/2008 13:05	0.896	0.4
7/8/2008 13:10	0.894	0.4
7/8/2008 13:15	0.895	0.42
7/8/2008 13:20	0.896	0.41
7/8/2008 13:25	0.896	0.39
7/8/2008 13:30	0.894	0.4
7/8/2008 13:35	0.894	0.39
7/8/2008 13:40	0.894	0.4
7/8/2008 13:45	0.894	0.38
7/8/2008 13:50	0.894	0.4

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 13:55	0.894	0.39
7/8/2008 14:00	0.894	0.39
7/8/2008 14:05	0.893	0.39
7/8/2008 14:10	0.893	0.39
7/8/2008 14:15	0.891	0.4
7/8/2008 14:20	0.892	0.4
7/8/2008 14:25	0.892	0.4
7/8/2008 14:30	0.891	0.44
7/8/2008 14:35	0.891	0.44
7/8/2008 14:40	0.891	0.36
7/8/2008 14:45	0.89	0.4
7/8/2008 14:50	0.89	0.38
7/8/2008 14:55	0.889	0.4
7/8/2008 15:00	0.889	0.41
7/8/2008 15:05	0.888	0.39
7/8/2008 15:10	0.887	0.4
7/8/2008 15:15	0.888	0.39
7/8/2008 15:20	0.887	0.37
7/8/2008 15:25	0.888	0.42
7/8/2008 15:30	0.886	0.36
7/8/2008 15:35	0.886	0.4
7/8/2008 15:40	0.886	0.37
7/8/2008 15:45	0.886	0.41
7/8/2008 15:50	0.886	0.38
7/8/2008 15:55	0.885	0.4
7/8/2008 16:00	0.885	0.38
7/8/2008 16:05	0.886	0.37
7/8/2008 16:10	0.886	0.37
7/8/2008 16:15	0.885	0.36
7/8/2008 16:20	0.885	-0.38
7/8/2008 16:25	0.885	0.38
7/8/2008 16:30	0.884	0.35
7/8/2008 16:35	0.885	0.38
7/8/2008 16:40	0.885	0.39
7/8/2008 16:45	0.885	0.4
7/8/2008 16:50	0.885	0.39
7/8/2008 16:55	0.885	0.38
7/8/2008 17:00	0.885	0.4
7/8/2008 17:05	0.885	0.37
7/8/2008 17:10	0.885	0.35
7/8/2008 17:15	0.885	0.39
7/8/2008 17:20	0.886	0.38
7/8/2008 17:25	0.886	0.37
7/8/2008 17:30	0.885	0.38

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 17:35	0.885	0.39
7/8/2008 17:40	0.885	0.36
7/8/2008 17:45	0.885	0.37
7/8/2008 17:50	0.886	0.38
7/8/2008 17:55	0.885	0.38
7/8/2008 18:00	0.886	0.38
7/8/2008 18:05	0.886	0.39
7/8/2008 18:10	0.886	0.38
7/8/2008 18:15	0.886	0.4
7/8/2008 18:20	0.885	0.37
7/8/2008 18:25	0.886	0.37
7/8/2008 18:30	0.885	0.39
7/8/2008 18:35	0.885	0.39
7/8/2008 18:40	0.886	0.39
7/8/2008 18:45	0.885	0.36
7/8/2008 18:50	0.885	0.37
7/8/2008 18:55	0.885	0.38
7/8/2008 19:00	0.883	0.38
7/8/2008 19:05	0.882	0.4
7/8/2008 19:10	0.882	0.37
7/8/2008 19:15	0.881	0.4
7/8/2008 19:20	0.882	0.38
7/8/2008 19:25	0.883	0.4
7/8/2008 19:30	0.882	0.37
7/8/2008 19:35	0.851	0.34
7/8/2008 19:40	0.823	0.33
7/8/2008 19:45	0.805	0.31
7/8/2008 19:50	0.799	0.31
7/8/2008 19:55	0.798	0.31
7/8/2008 20:00	0.797	0.31
7/8/2008 20:05	0.797	0.35
7/8/2008 20:10	0.792	0.31
7/8/2008 20:15	0.79	0.3
7/8/2008 20:20	0.792	0.27
7/8/2008 20:25	0.791	0.32
7/8/2008 20:30	0.789	0.32
7/8/2008 20:35	0.786	0.33
7/8/2008 20:40	0.757	0.31
7/8/2008 20:45	0.749	0.31
7/8/2008 20:50	0.747	0.31
7/8/2008 20:55	0.747	0.29
7/8/2008 21:00	0.745	0.29
7/8/2008 21:05	0.739	0.32
7/8/2008 21:10	0.739	0.32

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/8/2008 21:15	0.741	0.33
7/8/2008 21:20	0.742	0.3
7/8/2008 21:25	0.743	0.34
7/8/2008 21:30	0.745	0.32
7/8/2008 21:35	0.744	0.32
7/8/2008 21:40	0.743	0.38
7/8/2008 21:45	0.741	0.38
7/8/2008 21:50	0.742	0.33
7/8/2008 21:55	0.742	0.33
7/8/2008 22:00	0.743	0.29
7/8/2008 22:05	0.741	0.31
7/8/2008 22:10	0.741	0.28
7/8/2008 22:15	0.741	0.31
7/8/2008 22:20	0.742	0.37
7/8/2008 22:25	0.743	0.3
7/8/2008 22:30	0.743	0.28
7/8/2008 22:35	0.744	0.34
7/8/2008 22:40	0.745	0.29
7/8/2008 22:45	0.745	0.28
7/8/2008 22:50	0.747	0.28
7/8/2008 22:55	0.748	0.39
7/8/2008 23:00	0.748	0.33
7/8/2008 23:05	0.75	0.31
7/8/2008 23:10	0.751	0.31
7/8/2008 23:15	0.751	0.31
7/8/2008 23:20	0.752	0.3
7/8/2008 23:25	0.753	0.37
7/8/2008 23:30	0.754	0.37
7/8/2008 23:35	0.755	0.31
7/8/2008 23:40	0.755	0.32
7/8/2008 23:45	0.756	0.32
7/8/2008 23:50	0.757	0.33
7/8/2008 23:55	0.757	0.3
7/9/2008 0:00	0.759	0.29
7/9/2008 0:05	0.76	0.31
7/9/2008 0:10	0.76	0.31
7/9/2008 0:15	0.76	0.3
7/9/2008 0:20	0.762	0.36
7/9/2008 0:25	0.762	0.27
7/9/2008 0:30	0.763	0.31
7/9/2008 0:35	0.766	0.33
7/9/2008 0:40	0.767	0.31
7/9/2008 0:45	0.768	0.31
7/9/2008 0:50	0.769	0.31

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 0:55	0.769	0.33
7/9/2008 1:00	0.77	0.34
7/9/2008 1:05	0.771	0.32
7/9/2008 1:10	0.772	0.34
7/9/2008 1:15	0.773	0.29
7/9/2008 1:20	0.774	0.31
7/9/2008 1:25	0.775	0.31
7/9/2008 1:30	0.775	0.3
7/9/2008 1:35	0.776	0.3
7/9/2008 1:40	0.777	0.33
7/9/2008 1:45	0.776	0.3
7/9/2008 1:50	0.778	0.34
7/9/2008 1:55	0.778	0.32
7/9/2008 2:00	0.779	0.31
7/9/2008 2:05	0.779	0.32
7/9/2008 2:10	0.78	0.32
7/9/2008 2:15	0.78	0.33
7/9/2008 2:20	0.781	0.3
7/9/2008 2:25	0.783	0.33
7/9/2008 2:30	0.782	0.31
7/9/2008 2:35	0.784	0.34
7/9/2008 2:40	0.785	0.29
7/9/2008 2:45	0.783	0.33
7/9/2008 2:50	0.785	0.36
7/9/2008 2:55	0.783	0.34
7/9/2008 3:00	0.784	0.37
7/9/2008 3:05	0.784	0.36
7/9/2008 3:10	0.784	0.34
7/9/2008 3:15	0.783	0.3
7/9/2008 3:20	0.784	0.34
7/9/2008 3:25	0.784	0.35
7/9/2008 3:30	0.785	0.35
7/9/2008 3:35	0.784	0.31
7/9/2008 3:40	0.778	0.31
7/9/2008 3:45	0.775	0.32
7/9/2008 3:50	0.768	0.33
7/9/2008 3:55	0.766	0.33
7/9/2008 4:00	0.767	0.32
7/9/2008 4:05	0.767	0.32
7/9/2008 4:10	0.767	0.32
7/9/2008 4:15	0.766	0.33
7/9/2008 4:20	0.767	0.32
7/9/2008 4:25	0.767	0.34
7/9/2008 4:30	0.767	0.32

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 4:35	0.768	0.29
7/9/2008 4:40	0.768	0.3
7/9/2008 4:45	0.769	0.31
7/9/2008 4:50	0.769	0.3
7/9/2008 4:55	0.767	0.34
7/9/2008 5:00	0.767	0.31
7/9/2008 5:05	0.768	0.29
7/9/2008 5:10	0.768	0.32
7/9/2008 5:15	0.768	0.29
7/9/2008 5:20	0.769	0.3
7/9/2008 5:25	0.77	0.33
7/9/2008 5:30	0.768	0.31
7/9/2008 5:35	0.767	0.29
7/9/2008 5:40	0.767	0.35
7/9/2008 5:45	0.766	0.33
7/9/2008 5:50	0.767	0.32
7/9/2008 5:55	0.767	0.3
7/9/2008 6:00	0.768	0.28
7/9/2008 6:05	0.768	0.32
7/9/2008 6:10	0.769	0.33
7/9/2008 6:15	0.769	0.35
7/9/2008 6:20	0.769	0.3
7/9/2008 6:25	0.769	0.33
7/9/2008 6:30	0.77	0.31
7/9/2008 6:35	0.77	0.33
7/9/2008 6:40	0.772	0.28
7/9/2008 6:45	0.772	0.29
7/9/2008 6:50	0.773	0.32
7/9/2008 6:55	0.774	0.31
7/9/2008 7:00	0.774	0.32
7/9/2008 7:05	0.775	0.3
7/9/2008 7:10	0.776	0.3
7/9/2008 7:15	0.777	0.32
7/9/2008 7:20	0.778	0.35
7/9/2008 7:25	0.778	0.31
7/9/2008 7:30	0.779	0.34
7/9/2008 7:35	0.779	0.36
7/9/2008 7:40	0.78	0.32
7/9/2008 7:45	0.78	0.31
7/9/2008 7:50	0.781	0.31
7/9/2008 7:55	0.782	0.33
7/9/2008 8:00	0.783	0.29
7/9/2008 8:05	0.784	0.31
7/9/2008 8:10	0.785	0.31

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 8:15	0.786	0.3
7/9/2008 8:20	0.798	0.4
7/9/2008 8:25	1.042	0.6
7/9/2008 8:30	1.163	0.68
7/9/2008 8:35	1.208	0.75
7/9/2008 8:40	1.215	0.72
7/9/2008 8:45	1.217	0.68
7/9/2008 8:50	1.218	0.67
7/9/2008 8:55	1.216	0.68
7/9/2008 9:00	1.215	0.77
7/9/2008 9:05	1.213	0.69
7/9/2008 9:10	1.211	0.72
7/9/2008 9:15	1.209	0.69
7/9/2008 9:20	1.207	0.65
7/9/2008 9:25	1.203	0.67
7/9/2008 9:30	1.201	0.68
7/9/2008 9:35	1.199	0.66
7/9/2008 9:40	1.197	0.72
7/9/2008 9:45	1.195	0.7
7/9/2008 9:50	1.193	0.65
7/9/2008 9:55	1.19	0.66
7/9/2008 10:00	1.188	0.73
7/9/2008 10:05	1.187	0.65
7/9/2008 10:10	1.185	0.68
7/9/2008 10:15	1.182	0.67
7/9/2008 10:20	1.18	0.6
7/9/2008 10:25	1.178	0.66
7/9/2008 10:30	1.176	0.65
7/9/2008 10:35	1.174	0.79
7/9/2008 10:40	1.172	0.74
7/9/2008 10:45	1.171	0.6
7/9/2008 10:50	1.168	0.62
7/9/2008 10:55	1.166	0.61
7/9/2008 11:00	1.164	0.62
7/9/2008 11:05	1.162	0.66
7/9/2008 11:10	1.161	0.62
7/9/2008 11:15	1.158	0.63
7/9/2008 11:20	1.157	0.6
7/9/2008 11:25	1.155	0.67
7/9/2008 11:30	1.153	0.64
7/9/2008 11:35	1.152	0.66
7/9/2008 11:40	1.15	0.61
7/9/2008 11:45	1.148	0.61
7/9/2008 11:50	1.147	0.64

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 11:55	1.145	0.7
7/9/2008 12:00	1.143	0.64
7/9/2008 12:05	1.142	0.59
7/9/2008 12:10	1.142	0.6
7/9/2008 12:15	1.14	0.64
7/9/2008 12:20	1.139	0.6
7/9/2008 12:25	1.137	0.72
7/9/2008 12:30	1.135	0.61
7/9/2008 12:35	1.134	0.66
7/9/2008 12:40	1.132	0.68
7/9/2008 12:45	1.131	0.61
7/9/2008 12:50	1.129	0.6
7/9/2008 12:55	1.127	0.61
7/9/2008 13:00	1.126	0.62
7/9/2008 13:05	1.125	0.6
7/9/2008 13:10	1.122	0.59
7/9/2008 13:15	1.119	0.62
7/9/2008 13:20	1.119	0.6
7/9/2008 13:25	1.118	0.63
7/9/2008 13:30	1.115	0.59
7/9/2008 13:35	1.114	0.58
7/9/2008 13:40	1.113	0.58
7/9/2008 13:45	1.111	0.6
7/9/2008 13:50	1.109	0.58
7/9/2008 13:55	1.107	0.6
7/9/2008 14:00	1.106	0.62
7/9/2008 14:05	1.105	0.58
7/9/2008 14:10	1.104	0.6
7/9/2008 14:15	1.101	0.55
7/9/2008 14:20	1.099	0.63
7/9/2008 14:25	1.098	0.64
7/9/2008 14:30	1.095	0.61
7/9/2008 14:35	1.096	0.59
7/9/2008 14:40	1.093	0.57
7/9/2008 14:45	1.092	0.56
7/9/2008 14:50	1.09	0.59
7/9/2008 14:55	1.088	0.54
7/9/2008 15:00	1.088	0.57
7/9/2008 15:05	1.087	0.6
7/9/2008 15:10	1.084	0.54
7/9/2008 15:15	1.084	0.56
7/9/2008 15:20	1.084	0.56
7/9/2008 15:25	1.082	0.56
7/9/2008 15:30	1.08	0.54

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 15:35	1.08	0.54
7/9/2008 15:40	1.078	0.54
7/9/2008 15:45	1.076	0.54
7/9/2008 15:50	1.076	0.59
7/9/2008 15:55	1.073	0.57
7/9/2008 16:00	1.073	0.58
7/9/2008 16:05	1.071	0.56
7/9/2008 16:10	1.071	0.54
7/9/2008 16:15	1.071	0.54
7/9/2008 16:20	1.068	0.64
7/9/2008 16:25	1.068	0.53
7/9/2008 16:30	1.066	0.52
7/9/2008 16:35	1.065	0.59
7/9/2008 16:40	1.064	0.53
7/9/2008 16:45	1.062	0.54
7/9/2008 16:50	1.061	0.56
7/9/2008 16:55	1.06	0.53
7/9/2008 17:00	1.059	0.57
7/9/2008 17:05	1.057	0.52
7/9/2008 17:10	1.057	0.52
7/9/2008 17:15	1.056	0.53
7/9/2008 17:20	1.055	0.53
7/9/2008 17:25	1.053	0.58
7/9/2008 17:30	1.053	0.54
7/9/2008 17:35	1.052	0.57
7/9/2008 17:40	1.051	0.57
7/9/2008 17:45	1.047	0.55
7/9/2008 17:50	1.053	0.68
7/9/2008 17:55	1.055	0.56
7/9/2008 18:00	1.054	0.58
7/9/2008 18:05	1.054	0.6
7/9/2008 18:10	1.053	0.59
7/9/2008 18:15	1.051	0.6
7/9/2008 18:20	1.051	0.91
7/9/2008 18:25	1.051	0.63
7/9/2008 18:30	1.05	0.6
7/9/2008 18:35	1.047	0.64
7/9/2008 18:40	1.047	0.58
7/9/2008 18:45	1.045	0.56
7/9/2008 18:50	1.046	0.65
7/9/2008 18:55	1.044	0.68
7/9/2008 19:00	1.043	0.57
7/9/2008 19:05	1.044	0.6
7/9/2008 19:10	1.047	0.74

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 19:15	1.054	0.74
7/9/2008 19:20	1.078	0.74
7/9/2008 19:25	1.181	0.46
7/9/2008 19:30	1.547	0.37
7/9/2008 19:35	1.616	0.43
7/9/2008 19:40	1.684	0.43
7/9/2008 19:45	1.766	0.36
7/9/2008 19:50	1.9	0.36
7/9/2008 19:55	1.917	0.36
7/9/2008 20:00	1.867	0.34
7/9/2008 20:05	1.785	0.4
7/9/2008 20:10	1.703	0.43
7/9/2008 20:15	1.615	0.48
7/9/2008 20:20	1.525	0.55
7/9/2008 20:25	1.433	0.55
7/9/2008 20:30	1.356	0.57
7/9/2008 20:35	1.3	0.7
7/9/2008 20:40	1.264	0.65
7/9/2008 20:45	1.244	0.69
7/9/2008 20:50	1.232	0.82
7/9/2008 20:55	1.225	0.71
7/9/2008 21:00	1.223	0.82
7/9/2008 21:05	1.222	0.74
7/9/2008 21:10	1.22	0.68
7/9/2008 21:15	1.219	0.71
7/9/2008 21:20	1.218	0.87
7/9/2008 21:25	1.218	0.71
7/9/2008 21:30	1.218	0.79
7/9/2008 21:35	1.219	0.78
7/9/2008 21:40	1.218	0.75
7/9/2008 21:45	1.218	0.77
7/9/2008 21:50	1.219	0.73
7/9/2008 21:55	1.22	0.73
7/9/2008 22:00	1.221	0.76
7/9/2008 22:05	1.222	0.74
7/9/2008 22:10	1.223	0.72
7/9/2008 22:15	1.224	0.78
7/9/2008 22:20	1.225	0.79
7/9/2008 22:25	1.225	0.77
7/9/2008 22:30	1.225	0.75
7/9/2008 22:35	1.227	0.78
7/9/2008 22:40	1.228	0.75
7/9/2008 22:45	1.229	0.77
7/9/2008 22:50	1.23	0.79

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/9/2008 22:55	1.231	0.75
7/9/2008 23:00	1.232	0.76
7/9/2008 23:05	1.235	0.94
7/9/2008 23:10	1.239	0.7
7/9/2008 23:15	1.239	0.75
7/9/2008 23:20	1.241	0.72
7/9/2008 23:25	1.243	0.77
7/9/2008 23:30	1.243	0.79
7/9/2008 23:35	1.242	0.75
7/9/2008 23:40	1.234	0.73
7/9/2008 23:45	1.231	0.78
7/9/2008 23:50	1.231	0.78
7/9/2008 23:55	1.227	0.75
7/10/2008 0:00	1.227	0.73
7/10/2008 0:05	1.228	0.77
7/10/2008 0:10	1.229	0.74
7/10/2008 0:15	1.229	0.72
7/10/2008 0:20	1.229	0.75
7/10/2008 0:25	1.229	0.73
7/10/2008 0:30	1.227	0.72
7/10/2008 0:35	1.224	0.75
7/10/2008 0:40	1.222	0.74
7/10/2008 0:45	1.222	0.73
7/10/2008 0:50	1.222	0.76
7/10/2008 0:55	1.22	0.73
7/10/2008 1:00	1.219	0.75
7/10/2008 1:05	1.22	0.74
7/10/2008 1:10	1.219	0.75
7/10/2008 1:15	1.219	0.72
7/10/2008 1:20	1.22	0.73
7/10/2008 1:25	1.218	0.72
7/10/2008 1:30	1.219	0.76
7/10/2008 1:35	1.219	0.74
7/10/2008 1:40	1.218	0.73
7/10/2008 1:45	1.216	0.79
7/10/2008 1:50	1.22	0.74
7/10/2008 1:55	1.22	0.7
7/10/2008 2:00	1.219	0.73
7/10/2008 2:05	1.219	0.7
7/10/2008 2:10	1.219	0.75
7/10/2008 2:15	1.218	0.73
7/10/2008 2:20	1.217	0.73
7/10/2008 2:25	1.218	0.72
7/10/2008 2:30	1.217	0.73

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 2:35	1.217	0.76
7/10/2008 2:40	1.216	0.73
7/10/2008 2:45	1.211	0.72
7/10/2008 2:50	1.209	0.71
7/10/2008 2:55	1.206	0.71
7/10/2008 3:00	1.205	0.73
7/10/2008 3:05	1.205	0.74
7/10/2008 3:10	1.205	0.74
7/10/2008 3:15	1.207	0.77
7/10/2008 3:20	1.207	0.74
7/10/2008 3:25	1.206	0.75
7/10/2008 3:30	1.205	0.73
7/10/2008 3:35	1.205	0.74
7/10/2008 3:40	1.203	0.73
7/10/2008 3:45	1.195	0.72
7/10/2008 3:50	1.189	0.77
7/10/2008 3:55	1.187	0.72
7/10/2008 4:00	1.176	0.72
7/10/2008 4:05	1.147	0.7
7/10/2008 4:10	1.137	0.68
7/10/2008 4:15	1.133	0.68
7/10/2008 4:20	1.128	0.69
7/10/2008 4:25	1.125	0.67
7/10/2008 4:30	1.117	0.65
7/10/2008 4:35	1.101	0.65
7/10/2008 4:40	1.096	0.65
7/10/2008 4:45	1.095	0.64
7/10/2008 4:50	1.096	0.63
7/10/2008 4:55	1.093	0.66
7/10/2008 5:00	1.092	0.65
7/10/2008 5:05	1.091	0.66
7/10/2008 5:10	1.09	0.65
7/10/2008 5:15	1.089	0.63
7/10/2008 5:20	1.082	0.66
7/10/2008 5:25	1.077	0.66
7/10/2008 5:30	1.078	0.64
7/10/2008 5:35	1.078	0.63
7/10/2008 5:40	1.073	0.63
7/10/2008 5:45	1.066	0.61
7/10/2008 5:50	1.065	0.61
7/10/2008 5:55	1.064	0.6
7/10/2008 6:00	1.064	0.61
7/10/2008 6:05	1.066	0.62
7/10/2008 6:10	1.067	0.6

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 6:15	1.067	0.63
7/10/2008 6:20	1.068	0.66
7/10/2008 6:25	1.068	0.64
7/10/2008 6:30	1.069	0.6
7/10/2008 6:35	1.07	0.61
7/10/2008 6:40	1.071	0.6
7/10/2008 6:45	1.07	0.58
7/10/2008 6:50	1.071	0.63
7/10/2008 6:55	1.073	0.63
7/10/2008 7:00	1.073	0.62
7/10/2008 7:05	1.074	0.6
7/10/2008 7:10	1.074	0.61
7/10/2008 7:15	1.075	0.65
7/10/2008 7:20	1.076	0.61
7/10/2008 7:25	1.076	0.65
7/10/2008 7:30	1.077	0.62
7/10/2008 7:35	1.076	0.61
7/10/2008 7:40	1.078	0.6
7/10/2008 7:45	1.079	0.61
7/10/2008 7:50	1.08	0.61
7/10/2008 7:55	1.08	0.61
7/10/2008 8:00	1.082	0.58
7/10/2008 8:05	1.082	0.64
7/10/2008 8:10	1.082	0.64
7/10/2008 8:15	1.083	0.62
7/10/2008 8:20	1.085	0.6
7/10/2008 8:25	1.084	0.63
7/10/2008 8:30	1.083	0.65
7/10/2008 8:35	1.085	0.62
7/10/2008 8:40	1.085	0.64
7/10/2008 8:45	1.086	0.63
7/10/2008 8:50	1.087	0.6
7/10/2008 8:55	1.088	0.65
7/10/2008 9:00	1.088	0.64
7/10/2008 9:05	1.089	0.66
7/10/2008 9:10	1.09	0.63
7/10/2008 9:15	1.09	0.61
7/10/2008 9:20	1.09	0.62
7/10/2008 9:25	1.091	0.61
7/10/2008 9:30	1.092	0.62
7/10/2008 9:35	1.092	0.64
7/10/2008 9:40	1.093	0.65
7/10/2008 9:45	1.091	0.6
7/10/2008 9:50	1.093	0.64

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 9:55	1.093	0.62
7/10/2008 10:00	1.092	0.61
7/10/2008 10:05	1.095	0.65
7/10/2008 10:10	1.097	0.62
7/10/2008 10:15	1.097	0.61
7/10/2008 10:20	1.097	0.64
7/10/2008 10:25	1.098	0.64
7/10/2008 10:30	1.097	0.7
7/10/2008 10:35	1.098	0.63
7/10/2008 10:40	1.099	0.72
7/10/2008 10:45	1.1	0.64
7/10/2008 10:50	1.1	0.65
7/10/2008 10:55	1.099	0.65
7/10/2008 11:00	1.098	0.68
7/10/2008 11:05	1.099	0.64
7/10/2008 11:10	1.099	0.66
7/10/2008 11:15	1.099	0.65
7/10/2008 11:20	1.1	0.69
7/10/2008 11:25	1.097	0.64
7/10/2008 11:30	1.097	0.65
7/10/2008 11:35	1.098	0.66
7/10/2008 11:40	1.1	0.64
7/10/2008 11:45	1.098	0.65
7/10/2008 11:50	1.1	0.67
7/10/2008 11:55	1.097	0.65
7/10/2008 12:00	1.096	0.66
7/10/2008 12:05	1.097	0.66
7/10/2008 12:10	1.098	0.64
7/10/2008 12:15	1.098	0.64
7/10/2008 12:20	1.097	0.66
7/10/2008 12:25	1.098	0.65
7/10/2008 12:30	1.096	0.61
7/10/2008 12:35	1.098	0.63
7/10/2008 12:40	1.096	0.62
7/10/2008 12:45	1.096	0.67
7/10/2008 12:50	1.096	0.62
7/10/2008 12:55	1.095	0.66
7/10/2008 13:00	1.097	0.66
7/10/2008 13:05	1.097	0.63
7/10/2008 13:10	1.098	0.68
7/10/2008 13:15	1.096	0.64
7/10/2008 13:20	1.096	0.63
7/10/2008 13:25	1.097	0.66
7/10/2008 13:30	1.096	0.65

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 13:35	1.095	0.64
7/10/2008 13:40	1.096	0.62
7/10/2008 13:45	1.094	0.63
7/10/2008 13:50	1.094	0.68
7/10/2008 13:55	1.094	0.64
7/10/2008 14:00	1.093	0.63
7/10/2008 14:05	1.092	0.69
7/10/2008 14:10	1.092	0.7
7/10/2008 14:15	1.091	0.61
7/10/2008 14:20	1.092	0.65
7/10/2008 14:25	1.092	0.64
7/10/2008 14:30	1.089	0.63
7/10/2008 14:35	1.09	0.63
7/10/2008 14:40	1.09	0.65
7/10/2008 14:45	1.089	0.66
7/10/2008 14:50	1.089	0.66
7/10/2008 14:55	1.088	0.61
7/10/2008 15:00	1.088	0.6
7/10/2008 15:05	1.087	0.64
7/10/2008 15:10	1.087	0.67
7/10/2008 15:15	1.087	0.62
7/10/2008 15:20	1.085	0.66
7/10/2008 15:25	1.085	0.64
7/10/2008 15:30	1.082	0.64
7/10/2008 15:35	1.085	0.65
7/10/2008 15:40	1.085	0.66
7/10/2008 15:45	1.081	0.64
7/10/2008 15:50	1.081	0.66
7/10/2008 15:55	1.081	0.64
7/10/2008 16:00	1.081	0.68
7/10/2008 16:05	1.083	0.64
7/10/2008 16:10	1.081	0.63
7/10/2008 16:15	1.081	0.65
7/10/2008 16:20	1.08	0.62
7/10/2008 16:25	1.081	0.63
7/10/2008 16:30	1.08	0.63
7/10/2008 16:35	1.081	0.63
7/10/2008 16:40	1.081	0.62
7/10/2008 16:45	1.08	0.61
7/10/2008 16:50	1.079	0.65
7/10/2008 16:55	1.077	0.64
7/10/2008 17:00	1.077	0.67
7/10/2008 17:05	1.078	0.62
7/10/2008 17:10	1.078	0.64

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 17:15	1.077	0.62
7/10/2008 17:20	1.077	0.65
7/10/2008 17:25	1.077	0.64
7/10/2008 17:30	1.077	0.64
7/10/2008 17:35	1.078	0.64
7/10/2008 17:40	1.077	0.66
7/10/2008 17:45	1.077	0.66
7/10/2008 17:50	1.077	0.62
7/10/2008 17:55	1.076	0.66
7/10/2008 18:00	1.076	0.63
7/10/2008 18:05	1.076	0.63
7/10/2008 18:10	1.076	0.65
7/10/2008 18:15	1.076	0.64
7/10/2008 18:20	1.076	0.59
7/10/2008 18:25	1.075	0.62
7/10/2008 18:30	1.075	0.63
7/10/2008 18:35	1.076	0.62
7/10/2008 18:40	1.075	0.61
7/10/2008 18:45	1.074	0.62
7/10/2008 18:50	1.075	0.66
7/10/2008 18:55	1.075	0.66
7/10/2008 19:00	1.075	0.62
7/10/2008 19:05	1.076	0.61
7/10/2008 19:10	1.076	0.64
7/10/2008 19:15	1.078	0.64
7/10/2008 19:20	1.079	0.69
7/10/2008 19:25	1.078	0.63
7/10/2008 19:30	1.078	0.64
7/10/2008 19:35	1.078	0.64
7/10/2008 19:40	1.078	0.69
7/10/2008 19:45	1.078	0.66
7/10/2008 19:50	1.077	0.6
7/10/2008 19:55	1.077	0.7
7/10/2008 20:00	1.078	0.66
7/10/2008 20:05	1.078	0.66
7/10/2008 20:10	1.075	0.65
7/10/2008 20:15	1.075	0.65
7/10/2008 20:20	1.075	0.65
7/10/2008 20:25	1.075	0.62
7/10/2008 20:30	1.075	0.65
7/10/2008 20:35	1.075	0.65
7/10/2008 20:40	1.075	0.62
7/10/2008 20:45	1.074	0.63
7/10/2008 20:50	1.073	0.65

UNKAMET BROOK FLOW MONITORING DATA - JUNE 20, 2008 - JULY 11, 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
7/10/2008 20:55	1.07	0.62
7/10/2008 21:00	1.068	0.64
7/10/2008 21:05	1.068	0.63
7/10/2008 21:10	1.068	0.64
7/10/2008 21:15	1.067	0.65
7/10/2008 21:20	1.067	0.6
7/10/2008 21:25	1.068	0.64
7/10/2008 21:30	1.067	0.63
7/10/2008 21:35	1.067	0.65
7/10/2008 21:40	1.068	0.6
7/10/2008 21:45	1.067	0.65
7/10/2008 21:50	1.068	0.66
7/10/2008 21:55	1.067	0.58
7/10/2008 22:00	1.068	0.64
7/10/2008 22:05	1.065	0.62
7/10/2008 22:10	1.064	0.65
7/10/2008 22:15	1.061	0.61
7/10/2008 22:20	1.062	0.61
7/10/2008 22:25	1.062	0.62
7/10/2008 22:30	1.062	0.63
7/10/2008 22:35	1.062	0.61
7/10/2008 22:40	1.063	0.65
7/10/2008 22:45	1.063	0.71
7/10/2008 22:50	1.064	0.64
7/10/2008 22:55	1.062	0.66
7/10/2008 23:00	1.062	0.6
7/10/2008 23:05	1.061	0.62
7/10/2008 23:10	1.06	0.64
7/10/2008 23:15	1.063	0.67
7/10/2008 23:20	1.062	0.61
7/10/2008 23:25	1.058	0.65
7/10/2008 23:30	1.057	0.63
7/10/2008 23:35	1.056	0.62
7/10/2008 23:40	1.056	0.61
7/10/2008 23:45	1.055	0.66
7/10/2008 23:50	1.051	0.62
7/10/2008 23:55	1.049	0.62
7/11/2008 0:00	1.049	0.65

**ITEM 8
FORMER OXBOW AREAS A & C
(GECD410)
JULY 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 inspection of backfilled/restored areas 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)
JULY 2008**

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

a. Activities Undertaken/Completed

- Completed site restoration/planting and re-seeding activities on Parcels I9-8-1 and I9-8-2.
- Conducted inspection and meeting with Natural Resource Trustees regarding natural resource restoration/enhancement measures, along with first inspection of plantings installed as part of natural resource restoration/enhancement activities (July 28, 2008).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- As a result of the inspection completed on July 28, 2008, GE anticipates that the Trustees will write a letter of approval for completion of installation of restoration work.
- Revise draft ERE for Parcel I9-8-1.
- Continue efforts to obtain subordination agreements from encumbrance holders for ERE on Parcel I9-8-1.
- Submit letter summarizing the results of the above-referenced July 28, 2008 inspection.
- Conduct Fall 2008 inspection of backfilled/restored areas and revegetated areas at properties east and west of Lyman Street.
- Conduct Fall 2008 inspection of engineered barrier at Parcel I9-8-1.
- Continue discussions with EPA regarding draft Final Completion Report.

**ITEM 9
(cont'd)
LYMAN STREET AREA
(GECD430)
JULY 2008**

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Draft ERE for Parcel I9-8-1 is under revision.

f. Proposed/Approved Work Plan Modifications

None

**ITEM 10
NEWELL STREET AREA I
(GEC440)
JULY 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 Final Completion Report to EPA on July 31, 2008.*

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

- Conduct 2008 annual inspection of backfilled/restored and certain paved areas.
- Conduct Fall 2008 semi-annual inspection of engineered barriers.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

**ITEM 11
NEWELL STREET AREA II
(GECD450)
JULY 2008**

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

a. Activities Undertaken/Completed

Conducted installation inspection and meeting with Natural Resource Trustees regarding natural resource restoration/enhancement measures, along with second inspection of plantings installed as part of natural resource restoration/enhancement activities (July 28, 2008).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- As a result of the inspection completed on July 28, 2008, GE anticipates that the Trustees will write a letter of approval for completion of installation of restoration work.
- Discuss with EPA issues relating to the ERE boundary for Parcel J9-23-12 on undeveloped Vermont and Ontario Streets.
- Revise EREs for GE-owned properties.
- Continue work on revised draft Final Completion Report.
- Request subordination agreements from City of Pittsfield for EREs on GE-owned properties.
- Submit letter summarizing the results of the above-referenced July 28, 2008 inspection.
- Conduct Fall 2008 inspection of engineered barriers.
- Conduct Fall 2008 inspection of restored and revegetated areas.
- Send Conditional Solution notification letter to owner of Parcel J9-23-2.

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

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

Revision of draft Final Completion Report is awaiting resolution of issues relating to EREs and Trustees' approval of installation of restoration work at natural resource restoration/enhancement areas.

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

None

**ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
JULY 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 inspection of backfilled/restored areas and revegetated areas.

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)
JULY 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)**

Perform annual vegetation and aquatic habitat enhancement structure monitoring event.

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
(GECD820)
JULY 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 July 31, 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.)
- GE conducted Summer 2008 re-vegetation inspection and annual inspection of restored bank erosion, riprap, aquatic enhancement structures, and ancillary items.*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted report on Spring 2008 re-vegetation monitoring assessment (July 3, 2008).*

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

- Continue Housatonic River water column monitoring.
- Submit reports on Summer 2008 re-vegetation inspection and annual inspection of restored bank erosion, riprap, aquatic enhancement structures, and ancillary items.*
- Draft EREs and Conditional Solution notification letters, as appropriate, for properties where the riverbank portions are located within the 1½ Mile Reach.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

ITEM 14
(cont'd)
HOUSATONIC RIVER AREA
1½ MILE REACH
(GEC820)
JULY 2008

f. Proposed/Approved Work Plan Modifications

None

**TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 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	7/31/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-4	6/25/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/10/08
Monthly Water Column Sampling	Location-6A	7/31/08	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	6/25/08	Water	NEA	PCB, TSS, VSS, POC, Chlorophyll-A	7/10/08

**TABLE 14-2
SAMPLE DATA RECEIVED DURING JULY 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, -1248	Aroclor 1242	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)	VSS
LOCATION-4	Lyman Street Bridge	06/25/08	ND(0.0000220)	0.0000840 PD	ND(0.0000220)	ND(0.0000220)	0.0000840	0.66	6.37	0.00100	NA
LOCATION-6A	Pomeroy Ave. Bridge	06/25/08	ND(0.00000550)	ND(0.00000550)	ND(0.00000550)	ND(0.00000550)	ND(0.00000550)	0.84	6.13	0.00140	3.13

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:

PD - Aroclor 1242 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1242 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
(GEC850)
JULY 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 July 31, 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 July 31, 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.

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue Housatonic River monthly water column monitoring.
- Continue discussions with EPA regarding Corrective Measures Study (CMS) Report.*
- Conduct biotic sampling in Connecticut portion of River.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Issues relating to CMS Report are under discussion with EPA.*

f. Proposed/Approved Work Plan Modifications

None

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

**HOUSATONIC RIVER - REST OF RIVER
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	HR-D1 (Location-12)	6/25/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/10/08
Monthly Water Column Sampling	HR-D1 (Location-12)	7/31/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	7/31/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	6/25/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/10/08
Monthly Water Column Sampling	Location-10	7/31/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	6/25/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/10/08
Monthly Water Column Sampling	Location-12	6/25/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/10/08
Monthly Water Column Sampling	Location-12	7/31/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	7/31/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	6/25/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/10/08
Monthly Water Column Sampling	Location-2	6/25/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/10/08
Monthly Water Column Sampling	Location-2	7/31/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	7/31/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	6/25/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/10/08
Monthly Water Column Sampling	Location-9	7/31/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	6/25/08	Water	NEA	PCB, TSS, POC, Chlorophyll-A	7/10/08

Note:

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

**TABLE 15-2
SAMPLE DATA RECEIVED DURING JULY 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, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	06/25/08	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.73	4.57	0.000990
LOCATION-2	Newell Street Bridge	06/25/08	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.54	5.73	0.0011
LOCATION-7	Holmes Road Bridge	06/25/08	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.71	5.65	0.0018
LOCATION-9	New Lenox Road Bridge	06/25/08	ND(0.0000220)	0.0000220 AF	0.0000480 AG	0.0000700	0.88	8.40	0.0028
LOCATION-10	Headwaters of Woods Pond	06/25/08	ND(0.0000220)	0.0000260 AF	0.0000460 AG	0.0000720	0.62	5.16	0.0016
LOCATION-12	Schweitzer Bridge	06/25/08	ND(0.0000220)	0.0000250 AF	0.0000460 AG	0.0000710	0.57	5.59	0.0020
		06/25/08	ND(0.0000220)	[0.0000340 AF]	[0.0000560 AG]	[0.0000900]	[0.59]	[5.33]	[0.0017]
LOCATION-13	Division Street Bridge	06/25/08	ND(0.0000220)	ND(0.0000220)	0.0000250 AG	0.0000250	0.99	10.2	0.0019

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.

ITEMS 16 & 17
HOUSATONIC RIVER FLOODPLAIN
RESIDENTIAL AND NON-RESIDENTIAL
PROPERTIES ADJACENT TO 1½-MILE REACH
(GECD710 AND GECD720)
JULY 2008

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

a. Activities Undertaken/Completed

- Continued communications with EPA regarding draft Final Completion Reports for (1) Floodplain Current Residential Properties Adjacent to the 1½ Mile Reach – Actual/Potential Lawns (Floodplain Residential Properties) and (2) Floodplain Non-Residential Properties Adjacent to the 1½ Mile Reach (Excluding Banks) (Floodplain Non-Residential Properties).
- Performed pre-certification inspection with EPA and MDEP of Floodplain Residential Properties on July 23, 2008.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

- Submitted report on Spring 2008 inspection of re-planted areas at Phase 3 floodplain properties (July 1, 2008).
- Submitted revised report on Spring 2008 inspection of backfilled/restored areas and re-vegetated areas at Group 4C floodplain properties (July 9, 2008).
- Submitted Final Completion Report for Floodplain Residential Properties (July 30, 2008).

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

- Submit revised draft Final Completion Report for Floodplain Non-Residential Properties.
- Conduct Fall 2008 inspections of backfilled/restored areas and revegetated areas within the Phase 2, Phase 3, and Phase 4 floodplain properties.
- Revise EREs for GE-owned properties.

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

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

Completion of Final Completion Report for Floodplain Non-Residential Properties will depend on 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)
(GECD730)
JULY 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
(GECD500)
JULY 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.
- Submit letter documenting completion of soil removal and restoration activities.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

**ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GECD600)
JULY 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 (July 31, 2008) and obtained gauge reading for flow calculation (see Item 21.a.).
- Performed additional soil sampling for lead at certain properties, as identified on Table 20-1 (July 15, 2008).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Conceptual RD/RA Work Plan for Silver Lake Sediments (July 3, 2008).

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

Submit evaluation of recent supplemental soil sampling data.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Issues relating to the Conceptual RD/RA Work Plan for Soils Adjacent to Silver Lake are under discussion with EPA.

f. Proposed/Approved Work Plan Modifications

None

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Additional PDI Soil Sampling	I9-10-8-SB-18-SW	7/15/08	0-1	Soil	SGS	Lead	On Hold
Additional PDI Soil Sampling	I9-9-9-SB-3-SS	7/15/08	1-3	Soil	SGS	Lead	7/22/08
Additional PDI Soil Sampling	I9-9-9-SB-9	7/15/08	7-9	Soil	SGS	Lead	7/22/08
Monthly Water Column Sampling	Location-4A	6/25/08	NA	Water	NEA	PCB, TSS	7/10/08
Monthly Water Column Sampling	Location-4A	7/31/08	NA	Water	NEA	PCB, TSS	

**TABLE 20-2
SAMPLE DATA RECEIVED DURING JULY 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	6/25/2008	ND(0.0000220)	0.000340 PB	0.000120 PE	0.0000330 AF	0.0000250 AG	0.000518	1.24

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.

AG - Aroclor 1260 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.

TABLE 20-3
DATA RECEIVED DURING JULY 2008

ADDITIONAL PRE-DESIGN INVESTIGATION SOIL SAMPLING
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID:	I9-9-9-SB-3-SS	I9-9-9-SB-9
	Sample Depth(Feet):	1-3	7-9
	Date Collected:	07/15/08	07/15/08
Inorganics			
Lead		406	308

Notes:

1. Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of lead.

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GEC310)
JULY 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, including quarterly monitoring round.
- Conducted wastewater characterization sampling of purge water from monitoring wells at GMA 1, as identified 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 July.
- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.043 liter (0.011 gallon) of LNAPL was removed from this area during July.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 5,286,335 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 825 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 44 gallons of DNAPL from pumping system RW-3(X) were removed during July. Approximately 5 gallons of DNAPL were removed from recovery well 64V.
- Continued routine well monitoring and manual NAPL removal activities. Approximately 11.799 liters (3.113 gallons) of LNAPL were removed from wells in this area during July. Approximately 1.703 liters (0.449 gallon) of DNAPL were removed from wells in this area during July.
- Treated/discharged 4,408,525 gallons of water through 64G Groundwater Treatment Facility.

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

a. Activities Undertaken/Completed (cont'd)

East Street Area 2-North:

- Continued well monitoring and NAPL removal activities. No LNAPL was recovered from this area during July.

20s, 30s, and 40s Complexes:

- Continued well monitoring and NAPL removal activities. No LNAPL was recovered from this area during July.

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 199,259 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 July.
- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during July. Approximately 1.692 liters (0.446 gallon) of DNAPL were removed from wells in this area during July.
- Re-surveyed well LS-13 to assess anomalous groundwater elevation data. The corrected measuring point elevation has been added to the project database.

Newell Street Area II:

- Continued automated DNAPL removal activities. No DNAPL was removed by System 2 in July.
- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during July. Approximately 1.111 liters (0.293 gallon) of DNAPL were recovered from wells in this area during July.

Newell Street Area I:

- No activities

**ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GEC310)
JULY 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

Submitted Groundwater Quality Monitoring Interim Report for Spring 2008 (July 30, 2008).

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

- Continue routine groundwater and NAPL monitoring/recovery activities.
- Assess information on well conditions recorded during Spring 2008 sampling activities to determine need for well repairs/replacement.
- Complete and submit NAPL Monitoring Report for Spring 2008 (due to EPA on September 2, 2008).

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.

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

f. Proposed/Approved Work Plan Modifications

Modifications to the GMA 1 Groundwater Quality Monitoring Program were proposed in the Spring 2008 Groundwater Quality Monitoring Interim Report (July 30, 2008) and will be implemented following EPA approval.

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

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

Project Name	Field Sample ID	Sample			Analyses	Date Received by GE or ARCADIS
		Date	Matrix	Laboratory		
Groundwater Waste Water Characterization From Spring 2008	GMA1-Spring 2008	7/1/08	Water	SGS	PCB, VOC, SVOC, Total RCRA (8) Metals	7/17/08

**TABLE 21-2
DATA RECEIVED DURING JULY 2008**

**GROUNDWATER WASTE WATER CHARACTERIZATION FROM SPRING 2008 SAMPLING EVENT
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	GMA1-Spring 2008 07/01/08
Volatile Organics		
1,1-Dichloroethane		0.0011
Acetone		0.0031 J
Chloroethane		0.0016
Tetrachloroethene		0.00020 J
trans-1,2-Dichloroethene		0.00027 J
Trichloroethene		0.00042 J
Vinyl Chloride		0.00090 J
PCBs-Unfiltered		
Aroclor-1254		0.0030
Aroclor-1260		0.0027
Total PCBs		0.0057
Semivolatile Organics		
1,2,4-Trichlorobenzene		0.0013 J
1,3-Dichlorobenzene		0.0028 J
Di-n-Butylphthalate		0.00088 J
Inorganics-Unfiltered		
Arsenic		0.00268 B
Barium		0.0483 B
Cadmium		0.00349 B
Chromium		0.0126
Lead		0.00493 B
Selenium		0.0155 B
Silver		0.00358 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, volatiles, semivolatiles and metals.
2. Only detected constituents are summarized.

Data Qualifiers:

Organics (volatiles, PCBs, 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
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
July 2008**

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	July 2007	0.9	11,800	13.33
	August 2007	1.2	12,556	
	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		
Southside	July 2007	1.1	35,770	36.67
	August 2007	0.0	39,570	8.82
	September 2007	0.0	55,950	
	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		

Note:

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

TABLE 21-4
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
July 2008

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	July 2008 Removal (liters)
GMA 1 - East Street Area 1 - South						
34	7/29/2008	5.81	5.80	0.01	0.006	0.006
72	7/29/2008	6.64	6.58	0.06	0.037	0.037

Total Manual LNAPL Removal for July 2008: 0.043 liters
0.011 gallons

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-5
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 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	7/29/2008	4.89	---	0.00	---	6.81	0.00	994.37
131	1001.18	7/29/2008	3.98	---	0.00	---	6.60	0.00	997.20
140	1000.30	7/29/2008	7.35	---	0.00	---	15.20	0.00	992.95
ES1-08	1000.85	7/29/2008	5.33	---	0.00	---	13.10	0.00	995.52
North Caisson	997.84	7/2/2008	18.30	P	< 0.01	---	19.80	0.00	979.54
North Caisson	997.84	7/8/2008	18.11	18.10	0.01	---	19.80	0.00	979.74
North Caisson	997.84	7/15/2008	14.50	14.49	0.01	---	19.80	0.00	983.35
North Caisson	997.84	7/23/2008	18.16	P	< 0.01	---	19.80	0.00	979.68
North Caisson	997.84	7/30/2008	18.12	P	< 0.01	---	19.80	0.00	979.72
GMA 1 - East Street Area 1 - South									
31R	1,000.23	7/29/2008	8.72	---	0.00	---	15.00	0.00	991.51
33	999.50	7/29/2008	5.53	---	0.00	---	21.05	0.00	993.97
34	999.90	7/29/2008	5.81	5.80	0.01	---	21.00	0.00	994.10
72	1000.62	7/29/2008	6.64	6.58	0.06	---	21.85	0.00	994.04
72R	1000.92	7/29/2008	6.14	---	0.00	---	13.30	0.00	994.78
South Caisson	1001.11	7/2/2008	13.35	P	< 0.01	---	15.00	0.00	987.76
South Caisson	1001.11	7/8/2008	13.11	13.10	0.01	---	15.00	0.00	988.01
South Caisson	1001.11	7/15/2008	13.35	13.34	0.01	---	15.00	0.00	987.77
South Caisson	1001.11	7/23/2008	13.21	P	< 0.01	---	15.00	0.00	987.90
South Caisson	1001.11	7/30/2008	13.18	P	< 0.01	---	15.00	0.00	987.93

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 21-6
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
July 2008**

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	July 2007	1		
	August 2007	2		
	September 2007	1		
	October 2007	0.6		
	November 2007	0		71.43
	December 2007	0		93.33
	January 2008	7		63.64
	February 2008	8		
	March 2008	0.3		
	April 2008	0		
	May 2008	16		
	June 2008	2.8		
	July 2008	5.3		
	64R	July 2007	56	75,278
August 2007		19	3,083	
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		113	399,404	
64S System		July 2007	158	516,126	5.00
	August 2007	58	351,341	
	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
	64V ¹	July 2007	423	720,200
August 2007		274	695,600	
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	
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	1.9

TABLE 21-6
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
July 2008

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime	
64X	July 2007	4	432,000	10.34	
	August 2007	83	489,600		
	September 2007	191	403,200		
	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		
RW-2(X)	July 2007	0	621,704	3.57	
	August 2007	0	748,698		
	September 2007	17	556,053		
	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		
RW-1(S) ²	July 2007	14	728,718	5.00	
	August 2007	24	533,804	2.94	
	September 2007	76	388,294	3.03	
	October 2007	137	397,362		
	November 2007	63	406,149		
	December 2007	43	459,311	0.89	
	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		
RW-1(X)	July 2007	0	288,576		
	August 2007	0	486,758		
	September 2007	0	400,292		
	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		

**TABLE 21-6
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
July 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	
RW-3(X)	July 2007	25		
	August 2007	28		8.82
	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		

Summary of Total Automated Removal		
Water:	5,286,335	Gallons
LNAPL:	825	Gallons
DNAPL:	49	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.
4. The total DNAPL removed during July 2008 includes 5 gallons manually removed from recovery well 64V.

TABLE 21-7
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
July 2008

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	July 2008 Removal (liters)
East Street Area 2 - South						
14	7/29/2008	16.78	16.74	0.04	0.03	0.025
25R	7/29/2008	23.20	19.40	3.80	2.34	2.344
47	7/29/2008	17.10	16.78	0.32	0.20	0.197
48	7/29/2008	16.02	14.85	1.17	0.72	0.722
50	7/28/2008	10.06	9.70	0.36	0.22	0.222
55	7/29/2008	16.40	15.36	1.04	0.64	0.642
95-04R	7/28/2008	14.01	13.06	0.95	2.35	2.348
GMA1-14	7/15/2008	18.31	18.30	0.01	0.006	0.006
GMA1-15	7/2/2008	15.70	15.20	0.50	0.308	2.141
	7/8/2008	16.12	15.43	0.69	0.426	
	7/15/2008	16.40	15.60	0.80	0.494	
	7/22/2008	16.49	15.71	0.78	0.481	
	7/28/2008	15.05	14.35	0.70	0.432	
GMA1-16	7/2/2008	12.81	12.80	0.01	0.006	0.185
	7/8/2008	12.88	12.87	0.01	0.006	
	7/15/2008	13.40	13.17	0.23	0.142	
	7/22/2008	13.30	13.25	0.05	0.031	
GMA1-19	7/2/2008	11.38	11.03	0.35	0.216	2.967
	7/8/2008	12.71	11.20	1.51	0.932	
	7/15/2008	12.80	11.40	1.40	0.864	
	7/22/2008	12.98	11.43	1.55	0.956	

Total LNAPL Removal East Street Area 2 - South for July 2008: 11.799 liters
3.113 gallons

Total LNAPL Removal for July 2008: 11.799 liters
3.113 gallons

Note:

1. ft BMP - feet Below Measuring Point.

TABLE 21-8
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
July 2008

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	July 2008 Removal (liters)
East Street Area 2 - South						
E2SC-03I	7/29/2008	8.43	39.47	2.76	1.70	1.703

Total DNAPL Removal East Street Area 2 - South for July 2008: 1.703 liters
0.449 gallons

Total DNAPL Removal for July 2008: 1.703 liters
0.449 gallons

Note:

1. ft BMP - feet Below Measuring Point

**TABLE 21-9
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 2008**

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
July 2007	2,951,980	298,158	3,250,138
August 2007	2,455,420	298,290	2,753,710
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

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 21-10
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
July 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)
East Street Area 2 - North									
ES1-20	1,001.56	7/23/2008	14.60	---	0.00	---	19.45	0.00	986.96
East Street Area 2 - South									
13	990.88	7/29/2008	16.73	---	0.00	---	22.58	0.00	974.15
14	991.61	7/29/2008	16.78	16.74	0.04	---	25.40	0.00	974.87
19	983.59	7/2/2008	11.08	---	0.00	---	17.50	NA	972.51
19	983.59	7/8/2008	11.27	---	0.00	---	17.50	NA	972.32
19	983.59	7/15/2008	11.44	---	0.00	---	17.50	0.00	972.15
19	983.59	7/22/2008	11.50	---	0.00	---	17.45	0.00	972.09
19	983.59	7/29/2008	10.03	---	0.00	---	17.30	0.00	973.56
25R	998.31	7/29/2008	23.20	19.40	3.80	---	30.65	0.00	978.64
26RR	1,000.58	7/29/2008	20.75	---	0.00	---	28.40	0.00	979.83
30	989.34	7/29/2008	11.37	11.36	0.01	---	22.40	0.00	977.98
40R	991.60	7/29/2008	12.53	---	0.00	---	12.64	0.00	979.07
47	991.09	7/29/2008	17.10	16.78	0.32	---	23.09	0.00	974.29
48	992.39	7/29/2008	16.02	14.85	1.17	---	22.60	0.00	977.46
49R	988.71	7/28/2008	14.63	---	0.00	---	24.88	0.00	974.08
49RR	989.80	7/28/2008	15.83	---	0.00	---	23.02	0.00	973.97
50	985.79	7/28/2008	10.06	9.70	0.36	---	23.41	0.00	976.06
53	986.90	7/28/2008	12.90	---	0.00	---	25.40	0.00	974.00
55	989.45	7/29/2008	16.40	15.36	1.04	---	30.02	0.00	974.02
64R	993.37	7/2/2008	16.00	15.97	0.03	---	20.50	0.00	977.40
64R	993.37	7/8/2008	15.60	15.58	0.02	---	20.50	0.00	977.79
64R	993.37	7/15/2008	15.45	15.44	0.01	---	20.50	0.00	977.93
64R	993.37	7/23/2008	15.43	P	< 0.01	---	20.50	0.00	977.94
64R	993.37	7/30/2008	16.48	16.47	0.01	---	20.50	0.00	976.90
64S	984.48	7/2/2008	18.91	P	< 0.01	---	28.70	0.00	965.57
64S	984.48	7/8/2008	18.40	P	< 0.01	---	28.70	0.00	966.08
64S	984.48	7/15/2008	18.70	P	< 0.01	---	28.70	0.00	965.78
64S	984.48	7/23/2008	18.81	P	< 0.01	---	28.70	0.00	965.67
64S	984.48	7/30/2008	18.71	---	0.00	---	28.70	0.00	965.77
64S-Caisson	NA	7/2/2008	10.61	10.60	0.01	---	14.55	0.00	NA
64S-Caisson	NA	7/8/2008	10.60	P	< 0.01	---	14.55	0.00	NA
64S-Caisson	NA	7/15/2008	10.65	P	< 0.01	---	14.55	0.00	NA
64S-Caisson	NA	7/23/2008	10.70	10.69	0.01	---	14.55	0.00	NA
64S-Caisson	NA	7/30/2008	10.68	10.67	0.01	---	14.55	0.00	NA
64V	987.29	7/2/2008	20.60	19.90	0.70	P	29.60	< 0.01	967.34
64V	987.29	7/8/2008	20.40	19.40	1.00	29.51	29.60	0.09	967.82
64V	987.29	7/15/2008	20.90	20.30	0.60	29.50	29.60	0.10	966.95
64V	987.29	7/23/2008	21.10	20.51	0.59	29.50	29.60	0.10	966.74
64V	987.29	7/30/2008	21.21	20.75	0.46	P	29.60	< 0.01	966.51
64X(N)	984.83	7/2/2008	11.60	11.59	0.01	---	15.85	0.00	973.24
64X(N)	984.83	7/8/2008	12.11	12.10	0.01	---	15.85	0.00	972.73
64X(N)	984.83	7/15/2008	12.10	12.09	0.01	---	15.85	0.00	972.74
64X(N)	984.83	7/23/2008	12.07	12.06	0.01	---	15.85	0.00	972.77
64X(N)	984.83	7/30/2008	10.84	10.83	0.01	---	15.85	0.00	974.00
64X(S)	981.56	7/2/2008	15.02	15.00	0.02	---	23.82	0.00	966.56
64X(S)	981.56	7/8/2008	15.30	15.28	0.02	---	23.82	0.00	966.28
64X(S)	981.56	7/15/2008	15.30	15.26	0.04	---	23.82	0.00	966.30
64X(S)	981.56	7/23/2008	14.81	14.80	0.01	---	23.82	0.00	966.76
64X(S)	981.56	7/30/2008	13.75	13.74	0.01	---	23.82	0.00	967.82

TABLE 21-10
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
July 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)
64X(W)	984.87	7/2/2008	18.30	18.28	0.02	---	24.35	0.00	966.59
64X(W)	984.87	7/8/2008	18.40	18.38	0.02	---	24.35	0.00	966.49
64X(W)	984.87	7/15/2008	18.30	18.29	0.01	---	24.35	0.00	966.58
64X(W)	984.87	7/23/2008	18.03	18.00	0.03	---	24.35	0.00	966.87
64X(W)	984.87	7/30/2008	18.02	18.00	0.02	---	24.35	0.00	966.87
95-01	983.77	7/28/2008	9.68	---	0.00	---	16.90	0.00	974.09
95-04R	988.36	7/28/2008	14.01	13.06	0.95	---	21.96	0.00	975.23
3-6C-EB-22	986.94	7/28/2008	12.66	---	0.00	---	20.02	0.00	974.28
E2SC-03I	982.12	7/29/2008	8.43	---	0.00	39.47	42.23	2.76	973.69
E2SC-23	992.07	7/28/2008	16.70	---	0.00	---	21.15	0.00	975.37
E2SC-24	987.90	7/28/2008	14.00	---	0.00	---	21.60	0.00	973.90
GMA1-14	997.43	7/2/2008	17.83	---	0.00	---	22.80	0.00	979.60
GMA1-14	997.43	7/8/2008	18.10	---	0.00	---	22.80	0.00	979.33
GMA1-14	997.43	7/15/2008	18.31	18.30	0.01	---	22.80	0.00	979.13
GMA1-14	997.43	7/22/2008	18.55	---	0.00	---	22.80	0.00	978.88
GMA1-14	997.43	7/28/2008	17.60	---	0.00	---	22.80	0.00	979.83
GMA1-15	988.59	7/2/2008	15.70	15.20	0.50	---	17.80	0.00	973.36
GMA1-15	988.59	7/8/2008	16.12	15.43	0.69	---	17.78	0.00	973.11
GMA1-15	988.59	7/15/2008	16.40	15.60	0.80	---	17.80	0.00	972.93
GMA1-15	988.59	7/22/2008	16.49	15.71	0.78	---	17.78	0.00	972.83
GMA1-15	988.59	7/28/2008	15.05	14.35	0.70	---	17.80	0.00	974.19
GMA1-16	986.82	7/2/2008	12.81	12.80	0.01	---	19.94	0.00	974.02
GMA1-16	986.82	7/8/2008	12.88	12.87	0.01	---	19.92	0.00	973.95
GMA1-16	986.82	7/15/2008	13.40	13.17	0.23	---	19.93	0.00	973.63
GMA1-16	986.82	7/22/2008	13.30	13.25	0.05	---	19.94	0.00	973.57
GMA1-16	986.82	7/28/2008	12.40	---	0.00	---	19.94	0.00	974.42
GMA1-17E	993.03	7/28/2008	14.52	---	0.00	---	17.30	0.00	978.51
GMA1-17W	992.63	7/2/2008	17.30	17.29	0.01	---	NM	0.00	975.34
GMA1-17W	992.63	7/8/2008	NM	NM	NM	NM	NM	NM	NA
GMA1-17W	992.63	7/15/2008	NM	NM	NM	NM	NM	NM	NA
GMA1-17W	992.63	7/23/2008	NM	NM	NM	NM	NM	NM	NA
GMA1-17W	992.63	7/30/2008	NM	NM	NM	NM	NM	NM	NA
GMA1-19	984.28	7/2/2008	11.38	11.03	0.35	---	17.14	0.00	973.23
GMA1-19	984.28	7/8/2008	12.71	11.20	1.51	---	17.14	0.00	972.97
GMA1-19	984.28	7/15/2008	12.80	11.40	1.40	---	17.14	0.00	972.78
GMA1-19	984.28	7/22/2008	12.98	11.43	1.55	---	17.14	0.00	972.74
GMA1-19	984.28	7/28/2008	10.21	---	0.00	---	17.14	0.00	974.07
GMA1-20	983.49	7/2/2008	10.60	---	0.00	---	17.30	0.00	972.89
GMA1-20	983.49	7/8/2008	10.84	---	0.00	---	17.30	0.00	972.65
GMA1-20	983.49	7/15/2008	10.98	---	0.00	---	17.30	0.00	972.51
GMA1-20	983.49	7/22/2008	11.06	---	0.00	---	17.28	0.00	972.43
GMA1-20	983.49	7/28/2008	9.65	---	0.00	---	17.30	0.00	973.84
GMA1-21	985.68	7/2/2008	12.68	---	0.00	---	19.36	0.00	973.00
GMA1-21	985.68	7/8/2008	12.94	---	0.00	---	19.35	0.00	972.74
GMA1-21	985.68	7/15/2008	13.06	---	0.00	---	19.34	0.00	972.62
GMA1-21	985.68	7/22/2008	13.14	---	0.00	---	19.30	0.00	972.54
GMA1-21	985.68	7/28/2008	11.80	---	0.00	---	19.32	0.00	973.88
GMA1-22	988.45	7/2/2008	14.90	---	0.00	---	19.15	0.00	973.55
GMA1-22	988.45	7/8/2008	15.16	---	0.00	---	19.15	0.00	973.29
GMA1-22	988.45	7/15/2008	15.34	---	0.00	---	19.16	0.00	973.11
GMA1-22	988.45	7/22/2008	15.42	---	0.00	---	19.15	0.00	973.03
GMA1-22	988.45	7/28/2008	14.15	---	0.00	---	19.16	0.00	974.30
GMA1-23	986.16	7/2/2008	12.62	---	0.00	---	17.28	0.00	973.54
GMA1-23	986.16	7/8/2008	12.98	---	0.00	---	17.25	0.00	973.18
GMA1-23	986.16	7/15/2008	13.11	---	0.00	---	17.25	0.00	973.05
GMA1-23	986.16	7/22/2008	13.17	---	0.00	---	17.26	0.00	972.99
GMA1-23	986.16	7/28/2008	11.90	---	0.00	---	17.25	0.00	974.26
GMA1-24	983.81	7/2/2008	10.90	---	0.00	---	15.90	0.00	972.91

**TABLE 21-10
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
July 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)
GMA1-24	983.81	7/8/2008	11.14	---	0.00	---	15.90	0.00	972.67
GMA1-24	983.81	7/15/2008	11.30	---	0.00	---	15.90	0.00	972.51
GMA1-24	983.81	7/22/2008	11.38	---	0.00	---	15.88	0.00	972.43
GMA1-24	983.81	7/28/2008	10.05	---	0.00	---	15.90	0.00	973.76
HR-G1-MW-1	982.42	7/28/2008	8.70	---	0.00	---	20.28	0.00	973.72
HR-G1-MW-2	980.23	7/28/2008	6.44	---	0.00	---	28.40	0.00	973.79
HR-G1-MW-3	980.21	7/28/2008	6.35	---	0.00	---	17.85	0.00	973.86
HR-G2-MW-1	982.60	7/28/2008	8.23	---	0.00	---	18.23	0.00	974.37
HR-G2-MW-2	981.39	7/28/2008	7.31	---	0.00	---	17.68	0.00	974.08
HR-G2-MW-3	987.14	7/28/2008	13.20	---	0.00	---	22.02	0.00	973.94
HR-G2-RW-1	976.88	7/28/2008	3.83	---	0.00	---	18.68	0.00	974.02
HR-G3-MW-1	987.10	7/28/2008	13.33	---	0.00	---	17.72	0.00	977.14
HR-G3-MW-2	987.88	7/28/2008	14.24	---	0.00	---	17.73	0.00	982.53
HR-G3-RW-1	977.78	7/28/2008	5.35	---	0.00	---	8.58	0.00	972.43
HR-J1-MW-1	985.95	7/28/2008	11.95	---	0.00	---	25.84	0.00	974.00
HR-J1-MW-2	983.56	7/28/2008	9.40	---	0.00	---	17.65	0.00	974.16
HR-J1-MW-3	987.68	7/28/2008	13.61	---	0.00	---	26.54	0.00	974.07
HR-J1-RW-1	975.05	7/28/2008	1.94	---	0.00	---	14.92	0.00	973.11
RW-1(S)	987.23	7/2/2008	17.30	17.26	0.04	---	28.60	0.00	969.97
RW-1(S)	987.23	7/8/2008	17.04	17.02	0.02	---	28.60	0.00	970.21
RW-1(S)	987.23	7/15/2008	19.60	19.35	0.25	---	28.60	0.00	967.86
RW-1(S)	987.23	7/23/2008	18.47	18.31	0.16	---	28.60	0.00	968.91
RW-1(S)	987.23	7/30/2008	18.16	18.10	0.06	---	28.60	0.00	969.13
RW-1(X)	982.68	7/2/2008	14.50	14.49	0.01	---	20.80	0.00	968.19
RW-1(X)	982.68	7/8/2008	15.20	15.19	0.01	---	20.80	0.00	967.49
RW-1(X)	982.68	7/15/2008	14.90	14.89	0.01	---	20.80	0.00	967.79
RW-1(X)	982.68	7/23/2008	14.70	14.68	0.02	---	20.80	0.00	968.00
RW-1(X)	982.68	7/30/2008	14.77	14.75	0.02	---	20.80	0.00	967.93
RW-2(X)	985.96	7/2/2008	13.02	---	0.00	---	22.80	0.00	972.94
RW-2(X)	985.96	7/8/2008	13.01	---	0.00	---	22.80	0.00	972.95
RW-2(X)	985.96	7/15/2008	13.35	---	0.00	---	22.80	0.00	972.61
RW-2(X)	985.96	7/23/2008	12.90	---	0.00	---	22.80	0.00	973.06
RW-2(X)	985.96	7/30/2008	12.93	---	0.00	---	22.80	0.00	973.03
RW-3(X)	980.28	7/2/2008	8.63	---	0.00	43.10	44.40	1.30	971.65
RW-3(X)	980.28	7/8/2008	8.93	---	0.00	43.00	44.40	1.40	971.35
RW-3(X)	980.28	7/15/2008	9.07	---	0.00	42.60	44.40	1.80	971.21
RW-3(X)	980.28	7/23/2008	8.80	---	0.00	42.15	44.40	2.25	971.48
RW-3(X)	980.28	7/30/2008	8.91	---	0.00	42.10	44.40	2.30	971.37
RW-4	987.44	7/2/2008	17.80	P	< 0.01	---	29.05	0.00	969.64
RW-4	987.44	7/8/2008	18.01	P	< 0.01	---	29.05	0.00	969.43
RW-4	987.44	7/15/2008	18.03	P	< 0.01	---	29.05	0.00	969.41
RW-4	987.44	7/23/2008	18.12	---	0.00	---	29.05	0.00	969.32
RW-4	987.44	7/30/2008	18.18	---	0.00	---	29.05	0.00	969.26
TMP-1	992.74	7/28/2008	18.95	---	0.00	---	21.88	0.00	973.79
Housatonic River									
SG-HR-1	990.73	7/2/2008	19.50	See Note 7 regarding depth to water					971.23
SG-HR-1	990.73	7/9/2008	19.60	See Note 7 regarding depth to water					971.13
SG-HR-1	990.73	7/15/2008	19.74	See Note 7 regarding depth to water					970.99
SG-HR-1	990.73	7/21/2008	19.71	See Note 7 regarding depth to water					971.02
SG-HR-1	990.73	7/30/2008	19.03	See Note 7 regarding depth to water					971.70

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.
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 21-11
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 2008

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
July 2006	206,016	--	--
August 2006	216,359	--	--
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	--	--

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 21-12
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 2008**

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	July 2008 Removal (liters)
LS-30	7/21/2008	15.61	23.00	0.93	0.574	0.574
LS-34	7/21/2008	15.46	29.04	0.68	0.420	0.420
LSSC-07	7/1/2008	10.90	24.90	0.18	0.111	0.636
	7/8/2008	11.30	24.85	0.23	0.142	
	7/15/2008	11.35	24.78	0.30	0.185	
	7/21/2008	11.35	24.85	0.23	0.142	
	7/29/2008	9.90	24.99	0.09	0.056	
LSSC-08I	7/1/2008	12.40	23.32	0.03	0.019	0.062
	7/8/2008	12.78	23.30	0.04	0.025	
	7/15/2008	12.85	23.34	0.02	0.012	
	7/21/2008	12.86	23.33	0.01	0.006	

**Total Manual DNAPL Removal for July 2008: 1.692 liters
0.446 gallons**

Note:

1. ft BMP - feet Below Measuring Point.

TABLE 21-13
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 2008

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL	LNAPL Thickness	Depth to DNAPL	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	
				(ft BMP)	(feet)	(ft BMP)				
EPA-01	983.04	7/21/2008	12.73	---	0.00	---	22.65	0.00	970.31	
LS-24	986.58	7/21/2008	18.24	---	0.00	---	19.35	0.00	968.34	
LS-30	986.440	7/21/2008	15.61	---	0.00	23.00	23.93	0.93	970.83	
LS-31	987.090	7/21/2008	16.10	---	0.00	25.20	25.45	0.25	970.99	
LS-34	985.79	7/21/2008	15.46	---	0.00	29.04	29.72	0.68	970.33	
LS-38	986.95	7/21/2008	16.90	---	0.00	---	26.05	0.00	970.05	
LS-43	981.17	7/21/2008	Covered with asphalt				---	NA	NA	NA
LS-44	980.78	7/21/2008	10.32	---	0.00	---	24.10	0.00	970.46	
LSSC-07	982.48	7/1/2008	10.90	---	0.00	24.90	25.08	0.18	971.58	
LSSC-07	982.48	7/8/2008	11.30	---	0.00	24.85	25.08	0.23	971.18	
LSSC-07	982.48	7/15/2008	11.35	---	0.00	24.78	25.08	0.30	971.13	
LSSC-07	982.48	7/21/2008	11.35	---	0.00	24.85	25.08	0.23	971.13	
LSSC-07	982.48	7/29/2008	9.90	---	0.00	24.99	25.08	0.09	972.58	
LSSC-08I	983.13	7/1/2008	12.40	---	0.00	23.32	23.35	0.03	970.73	
LSSC-08I	983.13	7/8/2008	12.78	---	0.00	23.30	23.34	0.04	970.35	
LSSC-08I	983.13	7/15/2008	12.85	---	0.00	23.34	23.36	0.02	970.28	
LSSC-08I	983.13	7/21/2008	12.86	---	0.00	23.33	23.34	0.01	970.27	
LSSC-08I	983.13	7/29/2008	11.33	---	0.00	---	23.34	0.00	971.80	
LSSC-08S	983.11	7/21/2008	12.94	---	0.00	---	14.68	0.00	970.17	
LSSC-16I	980.88	7/21/2008	9.70	---	0.00	---	28.50	0.00	971.18	
LSSC-18	987.32	7/21/2008	18.66	---	0.00	---	22.48	0.00	968.66	
LSSC-32	980.68	7/21/2008	9.83	---	0.00	---	35.20	0.00	970.85	
LSSC-33	980.49	7/21/2008	9.65	---	0.00	---	29.03	0.00	970.84	
LSSC-34I	984.74	7/21/2008	16.01	---	0.00	30.60	30.73	0.13	968.73	
RW-1 (R)	985.07	7/2/2008	17.60	---	0.00	P	21.65	< 0.01	967.47	
RW-1 (R)	985.07	7/8/2008	17.30	P	< 0.01	P	21.65	< 0.01	967.77	
RW-1 (R)	985.07	7/15/2008	17.50	P	< 0.01	P	21.65	< 0.01	967.57	
RW-1 (R)	985.07	7/23/2008	17.39	P	< 0.01	P	21.65	< 0.01	967.68	
RW-1 (R)	985.07	7/30/2008	17.25	P	< 0.01	P	21.65	< 0.01	967.82	
RW-2	985.92	7/2/2008	16.50	---	0.00	---	24.70	0.00	NA	
RW-2	985.92	7/8/2008	16.80	---	0.00	---	24.70	0.00	NA	
RW-2	985.92	7/15/2008	17.02	---	0.00	---	24.70	0.00	968.90	
RW-2	985.92	7/23/2008	16.99	---	0.00	---	24.70	0.00	968.93	
RW-2	985.92	7/30/2008	17.01	P	< 0.01	---	24.70	0.00	968.91	
RW-3	984.08	7/2/2008	14.65	14.62	0.03	---	22.70	0.00	969.46	
RW-3	984.08	7/8/2008	14.40	14.38	0.02	---	22.70	0.00	969.70	
RW-3	984.08	7/15/2008	14.70	14.69	0.01	---	22.70	0.00	969.39	
RW-3	984.08	7/23/2008	14.81	14.79	0.02	---	22.70	0.00	969.29	
RW-3	984.08	7/30/2008	14.94	14.92	0.02	---	22.70	0.00	969.16	

TABLE 21-13
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 2008

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL	LNAPL Thickness	Depth to DNAPL	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
				(ft BMP)	(feet)	(ft BMP)			
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	7/2/2008	16.40	See Note 5 regarding depth to water					969.92
BM-2A	986.32	7/9/2008	16.46	See Note 5 regarding depth to water					969.86
BM-2A	986.32	7/15/2008	16.50	See Note 5 regarding depth to water					969.82
BM-2A	986.32	7/21/2008	16.52	See Note 5 regarding depth to water					969.80
BM-2A	986.32	7/30/2008	15.98	See Note 5 regarding depth to water					970.34

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 21-14
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 2008

Recovery System	Date	Total Gallons Recovered
System 2 ⁽¹⁾	July 2007	75.2
	August 2007	67.5
	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
Total Automated DNAPL Removal for July 2008:		0.0

Notes:

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

TABLE 21-15
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
July 2008

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	July 2008 Removal (liters)
N2SC-07	7/21/2008	10.64	35.70	0.10	0.062	0.062
N2SC-08	7/21/2008	11.83	39.60	1.70	1.049	1.049

Total DNAPL Removal for July 2008: 1.111 liters
0.293 gallons

Note:

1. ft BMP - feet Below Measuring Point.

**TABLE 21-16
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 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)
MW-1D	987.20	7/21/2008	13.97	---	0.00	38.48	38.74	0.26	973.23
MW-1S	986.60	7/21/2008	14.01	---	0.00	---	22.38	0.00	972.59
N2SC-01I	984.99	7/21/2008	12.35	---	0.00	37.4	40.40	3.00	972.64
N2SC-01I(R)	986.01	7/2/2008	15.40	NM	NM	P	42.60	< 0.01	970.61
N2SC-01I(R)	986.01	7/8/2008	15.70	NM	NM		42.45	0.15	970.31
N2SC-01I(R)	986.01	7/15/2008	15.87	NM	NM		42.30	0.30	970.14
N2SC-01I(R)	986.01	7/23/2008	15.60	NM	NM		42.10	0.50	970.41
N2SC-01I(R)	986.01	7/30/2008	14.20	NM	NM	P	42.60	< 0.01	971.81
N2SC-02	985.56	7/21/2008	11.50	---	0.00	---	38.36	0.00	974.06
N2SC-03I	986.24	7/21/2008	10.85	---	0.00	35.60	37.74	2.14	975.39
N2SC-03I(R)	985.86	7/2/2008	13.50	NM	NM	39.10	41.10	2.00	972.36
N2SC-03I(R)	985.86	7/8/2008	13.80	NM	NM	39.98	41.10	1.12	972.06
N2SC-03I(R)	985.86	7/15/2008	13.95	NM	NM	40.40	41.10	0.70	971.91
N2SC-03I(R)	985.86	7/23/2008	13.75	NM	NM	39.95	41.10	1.15	972.11
N2SC-03I(R)	985.86	7/30/2008	12.90	NM	NM	P	41.10	< 0.01	972.96
N2SC-07	984.61	7/21/2008	10.64	---	0.00	35.70	35.80	0.10	973.97
N2SC-08	986.07	7/21/2008	11.83	---	0.00	39.60	41.30	1.70	974.24
N2SC-14	985.06	7/2/2008	14.28	NM	NM	39.29	40.00	0.71	970.78
N2SC-14	985.06	7/8/2008	14.60	NM	NM	39.30	40.00	0.70	970.46
N2SC-14	985.06	7/15/2008	14.69	NM	NM	39.15	40.00	0.85	970.37
N2SC-14	985.06	7/23/2008	14.49	NM	NM	39.22	40.00	0.78	970.57
N2SC-14	985.06	7/30/2008	13.37	NM	NM	39.60	40.00	0.40	971.69
NS-9R	983.46	7/21/2008	12.10	---	0.00	---	16.55	0.00	971.36
NS-10	987.14	7/21/2008	13.18	13.15	0.03	---	21.60	0.00	973.99
NS-30	985.99	7/21/2008	10.60	---	0.00	34.90	35.10	0.20	975.39
NS-32	986.20	7/21/2008	11.64	---	0.00	38.02	38.05	0.03	974.56

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 21-17
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 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	980.27	7/2/2008	4.48	See Note 2 regarding depth to water					975.79
BM-SL-5	980.27	7/9/2008	4.50	See Note 2 regarding depth to water					975.77
BM-SL-5	980.27	7/15/2008	4.58	See Note 2 regarding depth to water					975.69
BM-SL-5	980.27	7/23/2008	4.44	See Note 2 regarding depth to water					975.83
BM-SL-5	980.27	7/30/2008	4.32	See Note 2 regarding depth to water					975.95

Notes:

1. ft BMP - feet Below Measuring Point.
2. 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.
3. 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 21-18
SILVER LAKE OUTLET CALCULATED DISCHARGE
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1**

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

Date	Gage Measurement (ft)	Calculated Flow (cfs)
7/31/2008	3.18	2.24

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)
JULY 2008**

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

a. Activities Undertaken/Completed

- Continued routine river elevation monitoring.
- Conducted wastewater characterization sampling of purge water from monitoring wells at GMA 2, as identified in Table 22-1.

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 Spring 2008 Monitoring Event Evaluation Report (due to EPA on August 4, 2008). (Note that the submittal date for the Spring 2008 Monitoring Event Evaluation Report was changed from July 28, 2008 to August 4, 2008, with EPA approval.)

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA's conditional approval for the Addendum to Monitoring Event Evaluation Report for Fall 2007 (July 30, 2008).

**TABLE 22-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2008**

**GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Groundwater Waste Water Characterization From Spring 2008	GMA2-Spring 2008	7/22/08	Water	SGS	PCB, VOC, SVOC, Total RCRA (8) Metals	

TABLE 22-2
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 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	7/21/2008	17.05	See Note 1 regarding depth to water					972.77

Notes:

1. 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)
(GEC330)
JULY 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, including quarterly monitoring round. Approximately 4.4 gallons of LNAPL were removed by the automatic skimmer located in well 51-21, and approximately 0.2 gallon of LNAPL was removed by the automatic skimmer located in well GMA3-17 (see Table 23-3). An additional 4.203 liters (1.109 gallons) of LNAPL were manually removed from the wells in this area during July (see Table 23-4).
- Conducted wastewater characterization sampling of purge water from sampling of wells within GMA 3, as identified in Table 23-1.

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.
- Complete and submit Spring 2008 Groundwater Quality and NAPL Interim Monitoring Report (due to EPA on September 2, 2008).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

**TABLE 23-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2008**

**GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample			Laboratory	Analyses	Date Received by GE or ARCADIS
		Date	Matrix				
Groundwater Waste Water Characterization From Spring 2008	GMA3-Spring 2008	7/7/08	Water		SGS	PCB, VOC, SVOC, Total RCRA (8) Metals	7/22/08

**TABLE 23-2
DATA RECEIVED DURING JULY 2008**

**GROUNDWATER WASTE WATER CHARACTERIZATION FROM SPRING 2008 SAMPLING
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	GMA3-Spring 2008 07/07/08
Volatile Organics		
Acetone		0.0022 J
Trichloroethene		0.0012
PCBs-Unfiltered		
None Detected		--
Semivolatile Organics		
1,2-Dichlorobenzene		0.0013 J
Inorganics-Unfiltered		
Barium		0.0357 B
Chromium		0.00441 B
Lead		0.00700 B
Silver		0.00279 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, volatiles, 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, PCBs, 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 23-3
AUTOMATED LNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
GROUNDWATER MANAGEMENT AREA 3
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 2008

Recovery Well	Month	Vol. LNAPL Collected (gallons)
51-21	July 2007	13.5
	August 2007	28.4
	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
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

Notes:

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

TABLE 23-4
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
GROUNDWATER MANAGEMENT AREA 3
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 2008

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	July 2008 Removal (liters)
51-08	7/8/2008	11.55	10.91	0.64	0.395	1.789
	7/16/2008	12.10	10.96	1.14	0.703	
	7/22/2008	12.22	11.10	1.12	0.691	
51-09	7/8/2008	11.55	10.91	0.64	0.395	0.395
51-17	7/16/2008	11.30	10.16	1.14	0.703	0.703
59-03R	7/16/2008	12.00	11.50	0.50	0.308	0.308
GMA3-10	7/16/2008	11.75	11.24	0.51	0.315	0.623
	7/22/2008	11.85	11.35	0.50	0.308	
GMA3-13	7/1/2008	11.31	11.20	0.11	0.062	0.333
	7/8/2008	11.50	11.28	0.22	0.136	
	7/16/2008	11.54	11.43	0.11	0.068	
	7/22/2008	11.64	11.53	0.11	0.068	
UB-PZ-3	7/16/2008	12.25	12.10	0.15	0.052	0.052

Total LNAPL Removed for July 2008: 4.203 liters
1.109 Gallons

Notes:

1. ft BMP - feet Below Measuring Point.

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 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	7/16/2008	9.80	---	0.00	---	10.55	0.00	986.64
51-06	997.36	7/16/2008	10.90	---	0.00	---	14.40	0.00	986.46
51-07	997.08	7/16/2008	10.86	---	0.00	---	11.21	0.00	986.22
51-08	997.08	7/1/2008	11.00	10.78	0.22	---	14.60	0.00	986.28
51-08	997.70	7/8/2008	11.55	10.91	0.64	---	14.60	0.00	986.75
51-08	997.08	7/16/2008	12.10	10.96	1.14	---	14.60	0.00	986.04
51-08	997.08	7/22/2008	12.22	11.10	1.12	---	14.62	0.00	985.90
51-08	997.08	7/29/2008	11.60	11.56	0.04	---	14.60	0.00	985.52
51-09	997.70	7/8/2008	11.55	10.91	0.64	---	14.60	0.00	986.75
51-09	997.70	7/16/2008	11.15	---	0.00	---	11.59	0.00	986.55
51-11	994.37	7/16/2008	8.65	---	0.00	---	13.55	0.00	985.72
51-12	996.55	7/16/2008	7.70	---	0.00	---	13.34	0.00	988.85
51-13	997.42	7/16/2008	11.00	---	0.00	---	13.65	0.00	986.42
51-14	996.77	7/16/2008	Dry at 9.83 (feet BMP)				9.83	NA	NA
51-15	996.43	7/16/2008	10.36	10.35	0.01	---	14.40	0.00	986.08
51-16R	996.39	7/16/2008	10.40	10.36	0.04	---	14.50	0.00	986.03
51-17	996.43	7/16/2008	11.30	10.16	1.14	---	14.51	0.00	986.19
51-18	997.12	7/16/2008	11.12	---	0.00	---	12.60	0.00	986.00
51-19	996.43	7/16/2008	10.63	10.60	0.03	---	14.08	0.00	985.83
51-21	1001.49	7/2/2008	15.32	15.31	0.01	---	NM	0.00	986.18
51-21	1001.49	7/8/2008	15.35	P	< 0.01	---	NM	0.00	986.14
51-21	1001.49	7/15/2008	15.50	15.49	0.01	---	NM	0.00	986.00
51-21	1001.49	7/23/2008	15.60	15.59	0.01	---	NM	0.00	985.90
51-21	1001.49	7/30/2008	14.98	P	< 0.01	---	NM	0.00	986.51
59-01	997.52	7/16/2008	11.15	---	0.00	---	11.43	0.00	986.37
59-03R	997.64	7/16/2008	12.00	11.50	0.50	---	17.02	0.00	986.11
59-07	997.96	7/16/2008	11.82	11.80	0.02	---	23.50	0.00	986.16
078B-R	988.83	7/16/2008	1.20	---	0.00	---	11.70	0.00	987.63
GMA3-7	1000.17	7/16/2008	13.80	---	0.00	---	19.75	0.00	986.37
GMA3-10	997.54	7/1/2008	11.10	11.00	0.10	---	17.73	0.00	986.53
GMA3-10	997.54	7/8/2008	11.24	11.14	0.10	---	17.72	0.00	986.39
GMA3-10	997.54	7/16/2008	11.75	11.24	0.51	---	17.72	0.00	986.26
GMA3-10	997.54	7/22/2008	11.85	11.35	0.50	---	17.70	0.00	986.16
GMA3-10	997.54	7/29/2008	11.09	10.98	0.11	---	17.71	0.00	986.55
GMA3-11	997.25	7/16/2008	10.58	---	0.00	---	17.95	0.00	986.67
GMA3-12	997.84	7/1/2008	11.37	11.25	0.12	---	21.20	0.00	986.58
GMA3-12	997.84	7/8/2008	11.65	11.46	0.19	---	21.20	0.00	986.37
GMA3-12	997.84	7/16/2008	11.80	11.61	0.19	---	21.20	0.00	986.22
GMA3-12	997.84	7/22/2008	11.94	11.73	0.21	---	21.20	0.00	986.10
GMA3-12	997.84	7/29/2008	11.51	11.32	0.19	---	21.20	0.00	986.51
GMA3-13	997.73	7/1/2008	11.31	11.20	0.11	---	17.40	0.00	986.52
GMA3-13	997.73	7/8/2008	11.50	11.28	0.22	---	17.36	0.00	986.43
GMA3-13	997.73	7/16/2008	11.54	11.43	0.11	---	17.40	0.00	986.29
GMA3-13	997.73	7/22/2008	11.64	11.53	0.11	---	17.36	0.00	986.19
GMA3-13	997.73	7/29/2008	11.19	---	0.00	---	17.38	0.00	986.54
GMA3-14	997.42	7/16/2008	10.95	---	0.00	---	16.46	0.00	986.47
GMA3-15	996.74	7/16/2008	11.64	---	0.00	---	17.18	0.00	985.10
GMA3-16	989.26	7/16/2008	11.32	---	0.00	---	12.30	0.00	977.94
GMA3-17	1002.00	7/2/2008	16.88	P	< 0.01	---	NM	0.00	985.12
GMA3-17	1002.00	7/8/2008	16.95	16.94	0.01	---	NM	0.00	985.06
GMA3-17	1002.00	7/15/2008	17.02	17.01	0.01	---	NM	NM	984.99
GMA3-17	1002.00	7/23/2008	17.20	P	< 0.01	---	NM	NM	984.80
GMA3-17	1002.00	7/30/2008	16.71	P	< 0.01	---	NM	0.00	985.29
UB-MW-10	995.99	7/16/2008	9.90	---	0.00	---	14.30	0.00	986.09
UB-PZ-3	998.15	7/16/2008	12.25	12.10	0.15	---	13.40	0.00	986.04

TABLE 23-5
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 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)
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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

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GEC340)
JULY 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, including quarterly monitoring round.
- Installed, developed and surveyed replacement wells OPCA-MW-1RR and OPCA-MW-2R.
- Conducted PCB wipe sampling on equipment used during well installation, as identified in Table 24-1.

b. Sampling/Test Results Received

See attached tables, which include groundwater elevation data collected by EPA to the north of this GMA on the Allendale School Property (Table 24-3).

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine monthly monitoring at well GMA4-3.
- Completed and submit Spring 2008 Groundwater Quality Interim Monitoring Report (due to EPA on September 2, 2008).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

**TABLE 24-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 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
Parratt-Wolff Auger Wipe Sampling	PWA-0715-W1	7/15/08	Wipe	SGS	PCB	7/28/08
Parratt-Wolff Auger Wipe Sampling	PWA-0715-W2	7/15/08	Wipe	SGS	PCB	7/28/08
Parratt-Wolff Auger Wipe Sampling	PWA-0715-W3	7/15/08	Wipe	SGS	PCB	7/28/08

**TABLE 24-2
PCB DATA RECEIVED DURING JULY 2008**

**PARRATT-WOLFF AUGER WIPE SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in mg/100cm²)**

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
PWA-0715-W1	7/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
PWA-0715-W2	7/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
PWA-0715-W3	7/15/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

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 parenthesis is the associated detection limit.

TABLE 24-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4
CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
July 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)
78-1	1,026.32	7/23/2008	10.84	---	0.00	---	22.40	0.00	1,015.48
78-2	1,033.96	7/23/2008	8.15	---	0.00	---	20.60	0.00	1,025.81
78-6	1,012.00	7/23/2008	7.99	---	0.00	---	17.45	0.00	1,004.01
GMA4-3	1,003.95	7/23/2008	17.80	---	0.00	---	26.24	0.00	986.15
GMA4-4	999.64	7/23/2008	12.91	---	0.00	---	23.07	0.00	986.73
GMA4-6	1,009.12	7/23/2008	9.72	---	0.00	---	12.68	0.00	999.40
NY-3	1,005.49	7/23/2008	15.43	---	0.00	---	24.71	0.00	990.06
NY-4	1,024.24	7/23/2008	10.55	---	0.00	---	31.15	0.00	1,013.69
OPCA-MW-1RR	1,016.42	7/16/2008	17.02	---	0.00	---	28.15	0.00	999.40
OPCA-MW-1RR	1,016.42	7/23/2008	16.41	---	0.00	---	28.09	0.00	1,000.01
OPCA-MW-2R	1,018.84	7/16/2008	23.28	---	0.00	---	27.26	0.00	995.56
OPCA-MW-2R	1,018.84	7/23/2008	23.16	---	0.00	---	27.15	0.00	995.68
OPCA-MW-3	1,014.83	7/23/2008	20.06	---	0.00	---	27.40	0.00	994.77
OPCA-MW-4	1,018.67	7/23/2008	12.15	---	0.00	---	21.50	0.00	1,006.52
OPCA-MW-5R	1,016.34	7/23/2008	11.68	---	0.00	---	21.60	0.00	1,004.66
OPCA-MW-6	1,022.31	7/23/2008	17.01	---	0.00	---	23.93	0.00	1,005.30
OPCA-MW-7	1,026.57	7/23/2008	15.80	---	0.00	---	23.64	0.00	1,010.77
OPCA-MW-8	1,027.40	7/23/2008	11.50	---	0.00	---	21.80	0.00	1,015.90
SCH-4	1,014.05	7/23/2008	9.10	---	0.00	---	16.25	0.00	1,004.95
Allendale School Property Monitoring Wells/Piezometers									
PZ-1	1,005.60	7/23/2008	4.31	---	0.00	---	NM	0.00	1,001.29
PZ-2	1,009.89	7/23/2008	2.14	---	0.00	---	NM	0.00	1,007.75
PZ-3	1,010.43	7/23/2008	2.39	---	0.00	---	NM	0.00	1,008.04
PZ-4	1,007.96	7/23/2008	0.92	---	0.00	---	NM	0.00	1,007.04
SCH-1	1,017.11	7/23/2008	5.96	---	0.00	---	NM	0.00	1,011.15

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)
(GECD350)
JULY 2008**

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

a. Activities Undertaken/Completed

Conducted wastewater characterization sampling of purge water from monitoring wells at GMA 5, as identified in Table 25-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Complete and submit Spring 2008 Monitoring Event Evaluation Report (due to EPA by August 23, 2008).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

**TABLE 25-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 2008**

**GROUNDWATER MANAGEMENT AREA 5
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or ARCADIS
Groundwater Waste Water Characterization From Spring 2008	GMA5-Spring 2008	7/16/08	Water	SGS	PCB, VOC, SVOC, Total RCRA Metals (8)	7/31/08

**TABLE 25-2
DATA RECEIVED DURING JULY 2008**

**GROUNDWATER WASTE WATER CHARACTERIZATION FROM SPRING 2008
GROUNDWATER MANAGEMENT AREA 5
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)**

Parameter	Sample ID: Date Collected:	GMA5-Spring 2008 07/16/08
Volatile Organics		
Tetrachloroethene		0.00066 J
PCBs-Unfiltered		
None Detected		--
Semivolatile Organics		
None Detected		--
Inorganics-Unfiltered		
Barium		0.0404 B
Chromium		0.00362 B
Lead		0.00896 B
Silver		0.000980 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, volatiles, 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, PCBs, 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.

ARCADIS

Attachment A

NPDES Sampling Records
and Results – July 2008

**TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 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-A9098	7/1/08	Water	Columbia	Oil & Grease	7/11/08
NPDES Sampling	001-A9100	7/1/08	Water	Columbia	TSS	7/11/08
NPDES Sampling	001-A9101	7/1/08	Water	Accutest	PCB	7/18/08
NPDES Sampling	005-A9066/A9069	6/16/08	Water	Accutest	PCB	7/1/08
NPDES Sampling	005-A9082/A9085	6/23/08	Water	Accutest	PCB	7/11/08
NPDES Sampling	005-A9102/A9104	7/1/08	Water	Accutest	BOD	7/28/08
NPDES Sampling	005-A9102/A9104	7/1/08	Water	Columbia	TSS	7/11/08
NPDES Sampling	005-A9103/A9105	7/1/08	Water	Accutest	PCB	7/28/08
NPDES Sampling	005-A9124/A9125	7/7/08	Water	Accutest	PCB	7/30/08
NPDES Sampling	005-A9148/A9151	7/14/08	Water	Accutest	PCB	
NPDES Sampling	005-A9162/A9165	7/21/08	Water	Accutest	PCB	
NPDES Sampling	005-A9181/A9184	7/28/08	Water	Accutest	PCB	
NPDES Sampling	006-A9110	7/3/08	Water	Columbia	Oil & Grease	7/17/08
NPDES Sampling	006-A9112	7/3/08	Water	Accutest	PCB	7/30/08
NPDES Sampling	01A-A9135	7/9/08	Water	Columbia	Oil & Grease	7/18/08
NPDES Sampling	01A-A9137	7/9/08	Water	Accutest	PCB	
NPDES Sampling	05A-A9107	7/3/08	Water	Columbia	Oil & Grease	7/17/08
NPDES Sampling	05A-A9109	7/3/08	Water	Accutest	PCB	7/30/08
NPDES Sampling	05B-A9171	7/23/08	Water	Columbia	Oil & Grease	7/31/08
NPDES Sampling	05B-A9173	7/23/08	Water	Accutest	PCB	
NPDES Sampling	06A-A9174	7/23/08	Water	Columbia	Oil & Grease	7/31/08
NPDES Sampling	06A-A9176	7/23/08	Water	Accutest	PCB	
NPDES Sampling	09B-A9070	6/16/08	Water	Accutest	BOD	7/1/08
NPDES Sampling	09B-A9076	6/22/08	Water	Columbia	TSS	7/1/08
NPDES Sampling	09B-A9087	6/23/08	Water	Accutest	BOD	7/11/08
NPDES Sampling	09B-A9088	6/29/08	Water	Columbia	TSS	7/9/08
NPDES Sampling	09B-A9097	6/30/08	Water	Accutest	BOD	7/11/08
NPDES Sampling	09B-A9129	7/9/08	Water	Accutest	BOD	7/30/08
NPDES Sampling	09B-A9129	7/9/08	Water	Columbia	TSS	7/17/08
NPDES Sampling	09B-A9152	7/14/08	Water	Columbia	TSS	7/21/08
NPDES Sampling	09B-A9153	7/14/08	Water	Accutest	BOD	
NPDES Sampling	09B-A9158	7/20/08	Water	Columbia	TSS	7/29/08
NPDES Sampling	09B-A9167	7/21/08	Water	Accutest	BOD	
NPDES Sampling	09B-A9177	7/27/08	Water	Columbia	TSS	
NPDES Sampling	09B-A9186	7/28/08	Water	Accutest	BOD	
NPDES Sampling	09C-A9077	6/22/08	Water	Columbia	Oil & Grease	7/1/08

**TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 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	09C-A9089	6/30/08	Water	Columbia	Oil & Grease	7/9/08
NPDES Sampling	09C-A9132	7/9/08	Water	Columbia	Oil & Grease	7/18/08
NPDES Sampling	09C-A9134	7/9/08	Water	Accutest	PCB	
NPDES Sampling	09C-A9154	7/18/08	Water	Columbia	Oil & Grease	7/29/08
NPDES Sampling	09C-A9156	7/20/08	Water	Columbia	Oil & Grease	7/29/08
NPDES Sampling	64G-A9083	6/23/08	Water	Columbia	Oil & Grease	7/1/08
NPDES Sampling	64G-A9095	6/30/08	Water	Columbia	Oil & Grease	7/9/08
NPDES Sampling	64G-A9117	7/7/08	Water	Columbia	Oil & Grease	7/17/08
NPDES Sampling	64G-A9119	7/7/08	Water	Columbia	VOC	7/17/08
NPDES Sampling	64G-A9120	7/7/08	Water	Columbia	SVOC	7/17/08
NPDES Sampling	64G-A9149	7/14/08	Water	Columbia	Oil & Grease	7/21/08
NPDES Sampling	64G-A9163	7/21/08	Water	Columbia	Oil & Grease	7/29/08
NPDES Sampling	64G-A9182	7/28/08	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A9080	6/23/08	Water	Columbia	Oil & Grease	7/1/08
NPDES Sampling	64T-A9092	6/30/08	Water	Columbia	Oil & Grease	7/9/08
NPDES Sampling	64T-A9114	7/7/08	Water	Columbia	Oil & Grease	7/17/08
NPDES Sampling	64T-A9146	7/14/08	Water	Columbia	Oil & Grease	7/21/08
NPDES Sampling	64T-A9160	7/21/08	Water	Columbia	Oil & Grease	7/29/08
NPDES Sampling	64T-A9179	7/28/08	Water	Columbia	Oil & Grease	
NPDES Sampling	A9027C	6/3/08	Water	Aquatec	Acute Toxicity Test	7/9/08
NPDES Sampling	A9028R	6/3/08	Water	Aquatec	Acute Toxicity Test	7/9/08
NPDES Sampling	A9122C	7/7/08	Water	Aquatec	Acute/Chronic Toxicity	
NPDES Sampling	A9122CCN	7/7/08	Water	Columbia	CN	7/18/08
NPDES Sampling	A9122CCN-FLTR	7/7/08	Water	Columbia	CN	7/18/08
NPDES Sampling	A9122CDM	7/7/08	Water	Columbia	Filtered Metals (8)	7/18/08
NPDES Sampling	A9122CTM	7/7/08	Water	Columbia	Metals (10)	7/18/08
NPDES Sampling	A9123R	7/7/08	Water	Aquatec	Acute/Chronic Toxicity	
NPDES Sampling	A9123RCN	7/7/08	Water	Columbia	CN	7/18/08
NPDES Sampling	A9123RCN-FLTR	7/7/08	Water	Columbia	CN	7/18/08
NPDES Sampling	A9123RTM	7/7/08	Water	Columbia	Metals (10)	7/18/08
NPDES Sampling	A9130C	7/9/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9130CCN	7/9/08	Water	Columbia	CN	7/21/08
NPDES Sampling	A9130CCN-FLTR	7/9/08	Water	Columbia	CN	7/21/08
NPDES Sampling	A9130CDM	7/9/08	Water	Columbia	Filtered Metals (8)	7/21/08
NPDES Sampling	A9130CTM	7/9/08	Water	Columbia	Metals (10)	7/21/08
NPDES Sampling	A9131R	7/9/08	Water	Aquatec	Chronic Toxicity Test	

**TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JULY 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	A9131RCN	7/9/08	Water	Columbia	CN	7/21/08
NPDES Sampling	A9131RCN-FLTR	7/9/08	Water	Columbia	CN	7/21/08
NPDES Sampling	A9131RTM	7/9/08	Water	Columbia	Metals (10)	7/21/08
NPDES Sampling	A9143C	7/11/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9143CCN	7/11/08	Water	Columbia	CN	7/25/08
NPDES Sampling	A9143CCN-FLTR	7/11/08	Water	Columbia	CN	7/25/08
NPDES Sampling	A9143CDM	7/11/08	Water	Columbia	Filtered Metals (8)	7/25/08
NPDES Sampling	A9143CTM	7/11/08	Water	Columbia	Metals (10)	7/25/08
NPDES Sampling	A9144R	7/11/08	Water	Aquatec	Chronic Toxicity Test	
NPDES Sampling	A9144RCN	7/11/08	Water	Columbia	CN	7/25/08
NPDES Sampling	A9144RCN-FLTR	7/11/08	Water	Columbia	CN	7/25/08
NPDES Sampling	A9144RTM	7/11/08	Water	Columbia	Metals (10)	7/25/08
NPDES Sampling	AUG08WK1	7/28/08	Water	Columbia	Cu, Pb, Zn	
NPDES Sampling	JUL08WK1	7/1/08	Water	Columbia	Cu, Pb, Zn	7/11/08
NPDES Sampling	JUL08WK3	7/14/08	Water	Columbia	Cu, Pb, Zn	7/21/08
NPDES Sampling	JUL08WK4	7/21/08	Water	Columbia	Cu, Pb, Zn	7/29/08
NPDES Sampling	Jun08WK4	6/23/08	Water	Columbia	Cu, Pb, Zn	7/1/08

TABLE A-2
DATA RECEIVED DURING JULY 2008

NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	001-A9098 07/01/08	001-A9100 07/01/08	001-A9101 07/01/08	01A-A9135 07/09/08	005-A9066/A9069 06/16/08	005-A9082/A9085 06/23/08	005-A9102/A9104 07/01/08
Volatile Organics								
1,1,1-Trichloroethane		NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA
bis(Chloromethyl)ether		NA	NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1260		NA	NA	ND(0.000050)	NA	ND(0.000050)	0.00012	NA
Total PCBs		NA	NA	ND(0.000050)	NA	ND(0.000050)	0.00012	NA
Semivolatile Organics								
None Detected		NA	NA	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)		NA	NA	NA	NA	NA	NA	ND(2.0)
Oil & Grease		ND(5.0)	NA	NA	ND(5.0)	NA	NA	NA
Total Suspended Solids		NA	5.20	NA	NA	NA	NA	ND(1.00)

TABLE A-2
DATA RECEIVED DURING JULY 2008

NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	005-A9103/A9105 07/01/08	005-A9124/A9125 07/07/08	05A-A9107 07/03/08	05A-A9109 07/03/08	05B-A9171 07/23/08	006-A9110 07/03/08	006-A9112 07/03/08	06A-A9174 07/23/08
Volatile Organics									
1,1,1-Trichloroethane		NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA	NA
bis(Chloromethyl)ether		NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1260		ND(0.000050)	ND(0.000050)	NA	ND(0.000050)	NA	NA	ND(0.000050)	NA
Total PCBs		ND(0.000050)	ND(0.000050)	NA	ND(0.000050)	NA	NA	ND(0.000050)	NA
Semivolatile Organics									
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		NA	NA	ND(5.0)	NA	ND(5.0)	ND(5.0)	NA	ND(5.0)
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JULY 2008

NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	09B-A9070 06/16/08	09B-A9076 06/22/08	09B-A9087 06/23/08	09B-A9088 06/29/08	09B-A9097 06/30/08	09B-A9129 07/09/08	09B-A9152 07/14/08	09B-A9158 07/20/08	09C-A9077 06/22/08
Volatile Organics										
1,1,1-Trichloroethane		NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(Chloromethyl)ether		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered										
Aroclor-1260		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics										
None Detected		NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals										
Biological Oxygen Demand (5-day)		2.9	NA	2.1	NA	ND(2.0)	ND(3.2)	NA	NA	NA
Oil & Grease		NA	NA	NA	NA	NA	NA	NA	NA	ND(5.0)
Total Suspended Solids		NA	3.40	NA	2.60	NA	2.00	3.10	4.50	NA

TABLE A-2
DATA RECEIVED DURING JULY 2008

NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	09C-A9089 06/30/08	09C-A9132 07/09/08	09C-A9154 07/18/08	09C-A9156 07/20/08	64G-A9083 06/23/08	64G-A9095 06/30/08	64G-A9117 07/07/08	64G-A9119 07/07/08	64G-A9120 07/07/08
Volatile Organics										
1,1,1-Trichloroethane		NA	NA	NA	NA	NA	NA	NA	0.00049	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA	0.00065	NA
bis(Chloromethyl)ether		NA	NA	NA	NA	NA	NA	NA	Not present	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA	0.00079	NA
Chloromethane		NA	NA	NA	NA	NA	NA	NA	0.00099	NA
Vinyl Chloride		NA	NA	NA	NA	NA	NA	NA	0.00035	NA
PCBs-Unfiltered										
Aroclor-1260		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics										
None Detected		NA	NA	NA	NA	NA	NA	NA	NA	--
Inorganics-Unfiltered										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals										
Biological Oxygen Demand (5-day)		NA	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)	NA	NA
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JULY 2008

NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	64G-A9149 07/14/08	64G-A9163 07/21/08	64T-A9080 06/23/08	64T-A9092 06/30/08	64T-A9114 07/07/08	64T-A9146 07/14/08	64T-A9160 07/21/08	A9122CCN 07/07/08	A9122CCN-FLTR 07/07/08
Volatile Organics										
1,1,1-Trichloroethane		NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(Chloromethyl)ether		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered										
Aroclor-1260		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics										
None Detected		NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA	NA	0.0427	ND(0.0100)
Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered										
Aluminum		NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead		NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals										
Biological Oxygen Demand (5-day)		NA	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)	NA	NA
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JULY 2008

NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	A9122CDM 07/07/08	A9122CTM 07/07/08	A9123RCN 07/07/08	A9123RCN-FLTR 07/07/08	A9123RTM 07/07/08	A9130CCN 07/09/08	A9130CCN-FLTR 07/09/08	A9130CDM 07/09/08
Volatile Organics									
1,1,1-Trichloroethane		NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA	NA
bis(Chloromethyl)ether		NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1260		NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics									
None Detected		NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum		NA	0.0244 B	NA	NA	0.0543 B	NA	NA	NA
Cadmium		NA	ND(0.000500)	NA	NA	ND(0.000500)	NA	NA	NA
Calcium		NA	82.2	NA	NA	22.1	NA	NA	NA
Chromium		NA	ND(0.00200)	NA	NA	ND(0.00200)	NA	NA	NA
Copper		NA	0.00216	NA	NA	ND(0.00100)	NA	NA	NA
Cyanide		NA	NA	ND(0.0100)	ND(0.0100)	NA	0.0325	ND(0.0100)	NA
Lead		NA	ND(0.000500)	NA	NA	ND(0.000500)	NA	NA	NA
Magnesium		NA	35.0	NA	NA	7.80	NA	NA	NA
Nickel		NA	0.00258	NA	NA	ND(0.00100)	NA	NA	NA
Silver		NA	ND(0.00100)	NA	NA	ND(0.00100)	NA	NA	NA
Zinc		NA	0.00840	NA	NA	ND(0.00500)	NA	NA	NA
Inorganics-Filtered									
Aluminum		0.0209 B	NA	NA	NA	NA	NA	NA	0.0358 B
Cadmium		ND(0.000500)	NA	NA	NA	NA	NA	NA	ND(0.000500)
Chromium		ND(0.00200)	NA	NA	NA	NA	NA	NA	ND(0.00200)
Copper		0.00183	NA	NA	NA	NA	NA	NA	0.00354
Lead		ND(0.000500)	NA	NA	NA	NA	NA	NA	ND(0.000500)
Nickel		0.00228	NA	NA	NA	NA	NA	NA	0.00213
Silver		ND(0.00100)	NA	NA	NA	NA	NA	NA	ND(0.00100)
Zinc		0.0157	NA	NA	NA	NA	NA	NA	0.0374
Conventionals									
Biological Oxygen Demand (5-day)		NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease		NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JULY 2008

NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	A9130CTM 07/09/08	A9131RCN 07/09/08	A9131RCN-FLTR 07/09/08	A9131RTM 07/09/08	A9143CCN 07/11/08	A9143CCN-FLTR 07/11/08	A9143CDM 07/11/08	A9143CTM 07/11/08
Volatile Organics									
1,1,1-Trichloroethane		NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA	NA
bis(Chloromethyl)ether		NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1260		NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics									
None Detected		NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum		0.0578 B	NA	NA	0.0493 B	NA	NA	NA	0.0267 B
Cadmium		ND(0.000500)	NA	NA	ND(0.000500)	NA	NA	NA	ND(0.000500)
Calcium		63.1	NA	NA	24.0	NA	NA	NA	74.5
Chromium		ND(0.00200)	NA	NA	ND(0.00200)	NA	NA	NA	ND(0.00200)
Copper		0.00554	NA	NA	ND(0.00100)	NA	NA	NA	0.00179
Cyanide		NA	ND(0.0100)	ND(0.0100)	NA	0.0485	ND(0.0100)	NA	NA
Lead		0.00109	NA	NA	ND(0.000500)	NA	NA	NA	0.000413 B
Magnesium		26.0	NA	NA	8.45	NA	NA	NA	31.3
Nickel		0.00248	NA	NA	ND(0.00100)	NA	NA	NA	0.00244
Silver		ND(0.00100)	NA	NA	ND(0.00100)	NA	NA	NA	ND(0.00100)
Zinc		0.0121	NA	NA	ND(0.00500)	NA	NA	NA	0.0100
Inorganics-Filtered									
Aluminum		NA	NA	NA	NA	NA	NA	ND(0.0200)	NA
Cadmium		NA	NA	NA	NA	NA	NA	ND(0.000500)	NA
Chromium		NA	NA	NA	NA	NA	NA	ND(0.00200)	NA
Copper		NA	NA	NA	NA	NA	NA	0.00149	NA
Lead		NA	NA	NA	NA	NA	NA	0.0000555 B	NA
Nickel		NA	NA	NA	NA	NA	NA	0.00229	NA
Silver		NA	NA	NA	NA	NA	NA	ND(0.00100)	NA
Zinc		NA	NA	NA	NA	NA	NA	0.0212	NA
Conventionals									
Biological Oxygen Demand (5-day)		NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease		NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids		NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JULY 2008

NPDES PERMIT MONITORING SAMPLING
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Sample ID: Date Collected:	A9144RCN 07/11/08	A9144RCN-FLTR 07/11/08	A9144RTM 07/11/08	JUL08WK1 07/01/08	JUL08WK3 07/14/08	JUL08WK4 07/21/08	JUN08WK4 06/23/08
Volatile Organics								
1,1,1-Trichloroethane		NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA
bis(Chloromethyl)ether		NA	NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1260		NA	NA	NA	NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics								
None Detected		NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum		NA	NA	0.105	NA	NA	NA	NA
Cadmium		NA	NA	ND(0.000500)	NA	NA	NA	NA
Calcium		NA	NA	20.7	NA	NA	NA	NA
Chromium		NA	NA	ND(0.00200)	NA	NA	NA	NA
Copper		NA	NA	ND(0.00100)	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)
Cyanide		ND(0.0100)	ND(0.0100)	NA	NA	NA	NA	NA
Lead		NA	NA	0.000446 B	ND(0.00500)	ND(0.00500)	ND(0.00500)	0.0156
Magnesium		NA	NA	7.30	NA	NA	NA	NA
Nickel		NA	NA	ND(0.00100)	NA	NA	NA	NA
Silver		NA	NA	ND(0.00100)	NA	NA	NA	NA
Zinc		NA	NA	ND(0.00500)	ND(0.0200)	ND(0.0200)	ND(0.0200)	0.0492
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 volatiles, PCBs, semivolatiles, 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.
6. Not present - Calibration for the compound bis(Chloromethyl)ether was not performed and reported as a tentively identified compound (TIC).

Data Qualifiers:

Inorganics

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

ARCADIS

Attachment B

NPDES Discharge
Monitoring Reports
June 2008

CHAIN OF CUSTODY FORM NPDES MONITORING

G.E. COMPANY
PITTSFIELD, MA

DATE: 6-30-08

SAMPLER: *Kevin Bissmann/H*

09B

FLOW 23 gpm
TSS, BOD _____
Metals _____
Toxicity _____
Time: 12:40am

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 23 gpm
pH SU 7.4
O&G 096-A09089-G
O&G ARCHIVE 096-A09089-G
O&G ARCHIVE 096-A09090-G
PCB 096-A09091-G
Time: 12:40 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 X

Comments: _____

Relinquished By: *K. Bissmann/H* Received By: *Joseph C. Harding* Time/Date: 6:15am 6-30-08

Relinquished By: _____ Received By: _____ Time/Date: _____

Relinquished By: _____ Received By: _____ Time/Date: _____

**CHAIN OF CUSTODY FORM
NPDES MONITORING
G.E. COMPANY
PITTSFIELD, MA**

COC#

6212

DATE: 7-3-08

Richard Superneau

SAMPLER:

09B

FLOW _____
TSS,BOD _____
Metals _____
Toxicity _____
Time: _____

05A

① FLOW 70 GPM
pH SU 7.2
O&G A9107-G
O&G ARCHIVE A9108-G
PCB A9109-G
Time: 5:20 PM

001

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
TSS _____
PCB _____
Metals _____
Toxicity _____
Time: _____

09C

FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

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 32 GPM
pH SU 6.9
O&G A9110-G
O&G ARCHIVE A9111-G
O&G ARCHIVE A9112-G
PCB _____
Time: 5:42 PM

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:

① Flow Meter Malfunction / used stick Velocity Measurements
to estimate Flow.

Relinquished By: Richard Superneau

Received By: J. Bourneau

Time/Date: 10:50 PM 7-3-08

Relinquished By: J. Bourneau

Received By: Joseph C. Hawley

Time/Date: 6:45 AM 7-4-08

Relinquished By: Joseph C. Hawley

Received By: C. Coy

Time/Date: 2:00 PM 7-7-08

**CHAIN OF CUSTODY FORM
NPDES MONITORING
G.E. COMPANY
PITTSFIELD, MA**

COC# 6217

DATE: 7-9-08
Richard Superneau
SAMPLER:

09B
FLOW 652 GPM
TSS,BOD _____
Metals _____
Toxicity _____
Time: 7:45 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 652 GPM
pH SU 6.8
O&G A9132-G
O&G ARCHIVE A9133-G
O&G ARCHIVE _____
PCB A9134-G
Time: 7:32 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 100 GPM D.S
pH SU 6.9 D.S
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: 8:01 PM D.S

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 X

06A
FLOW _____
pH SU _____
O&G _____
O&G ARCHIVE _____
O&G ARCHIVE _____
PCB _____
Time: _____

Comments: _____
Relinquished By: Richard Superneau Received By: R. Barman Time/Date: 10:50 PM 7-9-08
Relinquished By: R. Barman Received By: L. C. Coy Time/Date: 6:45 AM 7/10/08
Relinquished By: _____ Received By: _____ Time/Date: _____

**CHAIN OF CUSTODY FORM
NPDES MONITORING
G.E. COMPANY
PITTSFIELD, MA**

DATE: 7-18-08

Richard Superneau

SAMPLER:

09B
FLOW <u>539 GPM</u>
TSS,BOD _____
Metals _____
Toxicity _____
Time: <u>7:00 PM</u>

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 <u>539 GPM</u>
pH SU <u>7.1</u>
O&G <u>A9154-G</u>
O&G ARCHIVE <u>A9155-G</u>
O&G ARCHIVE _____
PCB _____
Time: <u>7:00 PM</u>

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: Richard Superneau Received By: P. J. M... Time/Date: 6:50 AM 7-19-08

Relinquished By: P. J. M... Received By: C. Coyne Time/Date: 10:40 pm/7-19-08

Relinquished By: _____ Received By: _____ Time/Date: _____

**CHAIN OF CUSTODY FORM
NPDES MONITORING
G.E. COMPANY
PITTSFIELD, MA**

COC# 6224

DATE: 7/20/08
SEAN C. COYLE
SAMPLER:

09B
FLOW 51 GPM
TSS,BOD _____
Metals _____
Toxicity _____
Time: 1:40 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 51 GPM
pH SU 7.32
O&G A9156-G
O&G ARCHIVE A9157-G
O&G ARCHIVE _____
PCB _____
Time: 1:40 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: _____

SAMPLED
Relinquished By: Sean C. Coyle 7/20/08 Received By: _____ Time/Date: _____

Relinquished By: Sean C. Coyle Received By: Joseph C. Hough Time/Date: 10:00 AM 7-21-08

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

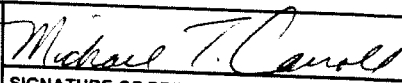
0051
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
WATERS TO HOUSATONIC RIVER
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	06	01		08	06	30

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	BS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	90 MO AVG	135 DAILY MX	lb/d	*****	*****	*****				
Solids, total suspended 00530 T 0 See Comments	SAMPLE MEASUREMENT	0	0	BS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	lb/d	*****	*****	*****			Monthly	COMPOS
Oil & grease 00556 T 0 See Comments	SAMPLE MEASUREMENT	*****	0	BS/DY	*****	*****	0	MG/L	0	01/07	GR
	PERMIT REQUIREMENT	*****	135 DAILY MX	lb/d	*****	*****	15 DAILY MX	mg/L		Weekly	GRAB
Polychlorinated biphenyls (PCBs) 39516 T 0 See Comments	SAMPLE MEASUREMENT	0.00006	0.00026	BS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	.01 MO AVG	.03 DAILY MX	lb/d	*****	*****	*****			Weekly	COMPOS
Flow, in conduit or thru treatment plant 50050 T 0 See Comments	SAMPLE MEASUREMENT	0.197	0.299	MGD	*****	*****	*****		0	99/99	RC
	PERMIT REQUIREMENT	2.09 MO AVG	2.09 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	7	21
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.			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


064T
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR (SUBRW)
WASTEWATER TREATMENT (005)
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM				TO		
08	06	01		08	06	30

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	*****	*****		6.8	*****	7.7	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.		TELEPHONE		DATE		
			413	494-5902	2008	7	21
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 COMMENTS FOR 0051. SEE PAGE 8+ 9 OF PERMIT.

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	06	01		08	06	30

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	*****	7.4	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	*****	*****		*****	0	0	MG/L	0	01/90	GR
	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	*****	*****		*****	0.001	0.001	MG/L	0	01/90	GR
	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 persons 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>Michael 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	7	21

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	06	01		08	06	30

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	*****	*****		*****						
	PERMIT REQUIREMENT	*****	*****		*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
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	*****	*****	*****			Monthly	CALCTD

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	7	21	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SAMPLE AT MANHOLE PRIOR TO CITY STORM DRAIN.

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

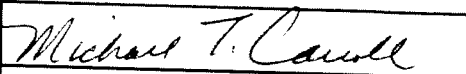
MA0003891	009A
PERMIT NUMBER	DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
09A SAMPLE POINT BEFORE 009
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	06	01		08	06	30

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	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.		TELEPHONE		DATE		
			413 494-5902	2008	7	21	
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

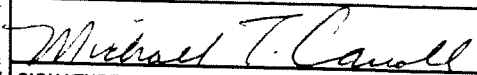
MA0003891	009B
PERMIT NUMBER	DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
09B SAMPLE POINT PRIOR TO 009
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	06	01		08	06	30

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	0.7	2.5	LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	lb/d	*****	*****	*****			Weekly	COMPOS
Solids, total suspended 00530 V 0 See Comments	SAMPLE MEASUREMENT	2.9	11.2	LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	lb/d	*****	*****	*****			Weekly	COMPOS
Flow, in conduit or thru treatment plant 50050 V 0 See Comments	SAMPLE MEASUREMENT	0.021	0.134	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	TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
			413	494-5902	2008	7	21

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SEE PAGE 11 OF PERMIT. SEE DMR 0091; SAMPLE AT 09B.

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

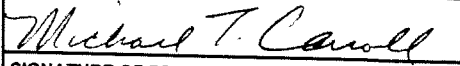
0091
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
PROCESSES TO UNKAMET BROOK
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	06	01		08	06	30

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	0.7	2.5	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	*****	7.3	SU	0	01/07	GR
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU			
Solids, total suspended 00530 V 0 See Comments	SAMPLE MEASUREMENT	2.9	11.2	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	*****	*****		*****	0.0009	0.0009	MG/L	0	01/00	GR
	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	0.021	0.134	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	TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
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.			413	494-5902	2008	7	21

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	06	01		08	06	30

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	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
Nickel, total recoverable 01074 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0	LBS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
Silver total recoverable 01079 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0	LBS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
Zinc, total recoverable 01094 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0.3	LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
Aluminum, total (as Al) 01105 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0	LBS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
Cadmium, total recoverable 01113 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0	LBS/DY	*****	*****	*****		0	01/30	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
Lead, total recoverable 01114 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0.09	LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
										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	TELEPHONE		DATE		
			413 494-5902	2008	7	21	
			AREA Code	NUMBER	YEAR	MO	DAY

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		YEAR	MO	DAY
08	06	01	FROM	08	06	30
			TO			

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	01/30	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
Copper, total recoverable 01119 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0	LBS/DY	*****	*****	*****		0	01/07	CP
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	lb/d	*****	*****	*****				
Cyanide, total recoverable 78248 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0.06	LBS/DY	*****	*****	*****		0	01/30	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.	<i>Michael T. Carroll</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			413 494-5902	2008	7	21	
			AREA Code	NUMBER	YEAR	MO	DAY

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

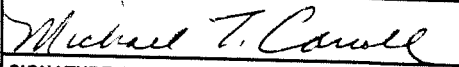
SUMB
DISCHARGE NUMBER

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	06	01	FROM	08	06	30
			TO			

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	SAMPLE MEASUREMENT	*****	*****		100	*****	*****	%	0	01/30	CP
TDM3D 10 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	7	21	
			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.

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


005A
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	04	01		08	06	30

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 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		7.7	*****	7.7	SU	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
pH 00400 U 0 See Comments	SAMPLE MEASUREMENT	*****	*****		NODI 9	*****	NODI 9				
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
Oil & grease 00556 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	PPM	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Oil & grease 00556 U 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI 9				
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	4.4	PPB	0	01/90	RC
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 U 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI 9				
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Flow, in conduit or thru treatment plant 50050 S 0 See Comments	SAMPLE MEASUREMENT	*****	1.179	MGD	*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****		0	01/90	ES
										Quarterly	ESTIMA

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	404-6902	2008	7	21
			AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'.

SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS

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

005A
DISCHARGE NUMBER


DMR MAILING ZIP CODE: 01201

MAJOR
(SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
08	04	01	FROM	08	06	30
			TO			

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, in conduit or thru treatment plant 50050 U 0 See Comments	SAMPLE MEASUREMENT	*****	NODI [9]		*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****			Quarterly	ESTIMA

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	7	21
		AREA Code		NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'.
SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

Page 37

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

005B
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR (SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	04	01		08	06	30

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 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		8.5	*****	8.5	SU	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****		8 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
Oil & grease 00556 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	PPM	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	8.8	PPB	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Flow, in conduit or thru treatment plant 50050 S 0 See Comments	SAMPLE MEASUREMENT	*****	0.138	MGD	*****	*****	*****		0	01/90	ES
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****			Quarterly	ESTIMA

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>Michael T. Carroll</i>	TELEPHONE		DATE	
			413 494-5902	2008	7	21
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) QUARTERLY. SAMPLE AT POINT OF DISCHARGE.			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

0061
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	04	01		08	06	30

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

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 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		8.5	*****	8.5	SU	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
pH 00400 U 0 See Comments	SAMPLE MEASUREMENT	*****	*****		NODI [9]	*****	NODI [9]				
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
Oil & grease 00556 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	PPM	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Oil & grease 00556 U 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [9]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.20	PPB	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 U 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [9]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Flow, in conduit or thru treatment plant 50050 S 0 See Comments	SAMPLE MEASUREMENT	*****	2.045	MGD	*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****		0	01/90	ESTIMA

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			413	494-5902	2008	7	21
			AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'.

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

0061
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	04	01		08	06	30

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, in conduit or thru treatment plant 50050 U 0 See Comments	SAMPLE MEASUREMENT	*****	NODI [9]		*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****			Quarterly	ESTIMA

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>Michael T. Carroll</i>	TELEPHONE		DATE		
			AREA Code	NUMBER	YEAR	MO	DAY
			413	494-5902	2008	7	21

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'.
FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS

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


006A
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	04	01		08	06	30

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 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		6.9	*****	6.9	SU	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
Oil & grease 00556 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	0	PPM	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.5	PPB	0	01/90	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Flow, in conduit or thru treatment plant 50050 S 0 See Comments	SAMPLE MEASUREMENT	*****	0.072	MGD	*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****		0	01/90 Quarterly	ES ESTIMA

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	7	21
			AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

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

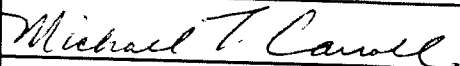
009D
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	04	01		08	06	30

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 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		NODI [E]	*****	NODI [E]				
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
Oil & grease 00556 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Flow, in conduit or thru treatment plant 50050 S 0 See Comments	SAMPLE MEASUREMENT	*****	NODI [E]		*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****			Quarterly	ESTIMA

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 413 494-5902		DATE 2008 7 21		
			AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

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

SRO1
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	04	01		08	06	30

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 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		NODI [E]	*****	NODI [E]				
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
Oil & grease 00556 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Flow, in conduit or thru treatment plant 50050 S 0 See Comments	SAMPLE MEASUREMENT	*****	NODI [E]		*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****			Quarterly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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	7	21
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) SAMPLE AT POINT OF DISCHARGE.						

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

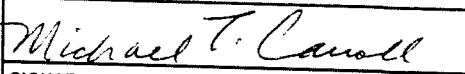
SRO2
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	04	01		08	06	30

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 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		NODI [C]	*****	NODI [C]				
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
Oil & grease 00556 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [C]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [C]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Flow, in conduit or thru treatment plant 50050 S 0 See Comments	SAMPLE MEASUREMENT	*****	NODI [C]		*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mga/d	*****	*****	*****			Quarterly	ESTIMA

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 413 494-5902		DATE 2008 7 21		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 		AREA Code 413	NUMBER 494-5902	YEAR 2008	MO 7	DAY 21

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SAMPLE AT POINT OF DISCHARGE.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

Page 28

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

SRO3
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR (SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	04	01		08	06	30

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 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		NODI [C]	*****	NODI [C]				
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
Oil & grease 00556 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [C]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [C]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Flow, in conduit or thru treatment plant 50050 S 0 See Comments	SAMPLE MEASUREMENT	*****	NODI [C]		*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****			Quarterly	ESTIMA

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>Michael T. Carroll</i>	TELEPHONE		DATE		
			413 494-5902	2008	7	21	
			AREA Code	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SAMPLE AT POINT OF DISCHARGE.

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

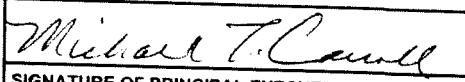
SRO4
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

No Discharge

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	04	01		08	06	30

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH 00400 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		NODI [C]	*****	NODI [C]				
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
Oil & grease 00556 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [C]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [C]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Flow, in conduit or thru treatment plant 50050 S 0 See Comments	SAMPLE MEASUREMENT	*****	NODI [C]		*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****			Quarterly	ESTIMA

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 413 494-5902		DATE 2008 7 2 /		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 		AREA Code 413	NUMBER 494-5902	YEAR 2008	MO 7	DAY 2 /

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SAMPLE AT POINT OF DISCHARGE.

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

SRO5
DISCHARGE NUMBER

DMR MAILING ZIP CODE: 01201
MAJOR
(SUBRW)
NON PROCESS/STORMWATER BYPASS
External Outfall

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
08	04	01	08	06	30

FROM TO

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 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		NODI [E]	*****	NODI [E]				
	PERMIT REQUIREMENT	*****	*****		6 MINIMUM	*****	9 MAXIMUM	SU		Quarterly	RANG-C
Oil & grease 00556 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	15 DAILY MX	ppm		Quarterly	GRAB
Polychlorinated biphenyls (PCBs) 39516 S 0 See Comments	SAMPLE MEASUREMENT	*****	*****		*****	*****	NODI [E]				
	PERMIT REQUIREMENT	*****	*****		*****	*****	Req. Mon. DAILY MX	ppb		Quarterly	GRAB
Flow, in conduit or thru treatment plant 50050 S 0 See Comments	SAMPLE MEASUREMENT	*****	NODI [E]		*****	*****	*****				
	PERMIT REQUIREMENT	*****	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****			Quarterly	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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	7	21
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	YEAR	MO	DAY
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) SAMPLE AT POINT OF DISCHARGE.						

ARCADIS

Attachment C

NPDES Biomonitoring Report
July 2008

August 5, 2008

Mr. Jeffrey Nicholson
GE Corporate Environmental Programs
159 Plastics Avenue
Pittsfield, MA 01201

Re: NPDES Biomonitoring Report for July 2008
Submission #: R2844841

Dear Mr. Nicholson:

Enclosed is our report on the Acute Whole Effluent Toxicity testing conducted in July 2008. The Outfall Composite samples were collected on 7/7/08 at 10:10 am. The Housatonic River samples were collected on 7/7/08 at 8:55 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: Jill Piskorz, 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

July 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
August 5, 2008

TABLE OF CONTENTS

	<u>PAGE</u>
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 July 6-7, 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 July 7, 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 July 6-7, 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	100%
Survival in laboratory water	100%
Survival in laboratory water with 100 mg/L sodium thiosulfate	100%
LC_{50} for <i>Daphnia pulex</i> in sodium chloride reference toxicant solution	3033g NaCl/L on July 8, 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

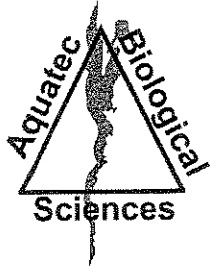
The following is a brief description of each of the seven outfalls that are monitored for acute and chronic toxicity in accordance with NPDES Permit MA0003891 issued to the General Electric Company, Pittsfield, MA.

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

July 25, 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 July 8, 2008.

According to the Chain-of-Custody documentation the samples for Whole Effluent Toxicity (WET) Testing were collected on July 7, 2008. The samples were transported to Aquatec Biological Sciences, Inc. by courier and delivered on July 8, 2008. The effluent sample (Sample 37592) was logged in for the acute 48-hour static toxicity test with *Daphnia pulex*. The receiving water sample (Sample 37593) 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 July 8, 2008, within the specified holding time.

At the conclusion of the toxicity test on July 10, 2008, a final count of surviving organisms was completed. The average survival ranged from 92-100 percent in all 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 July 2008

Submitted to:
**General Electric
Area Environmental & Facility Programs
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201**

SDG number: 11304
Effluent ID: Outfall Composite A9122C Aquatec sample number: 37592
Receiving water ID: Housatonic River A9123R Aquatec sample number: 37593

Study Director: John Williams

July 25, 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:

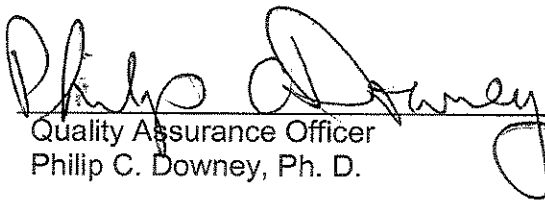
Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, Vermont 05454
Phone: (802) 860-1638
Fax: (802) 860-1638



Study Director
John Williams

7/25/08

Date



Quality Assurance Officer
Philip C. Downey, Ph. D.

7/25/08

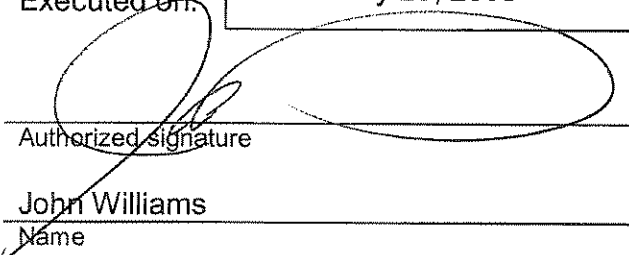
Date

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: July 25, 2008


Authorized signature

John Williams
Name

Manager, Environmental Toxicology
Title

Aquatec Biological Sciences, Inc.
Laboratory



Certificate # 1737

Table of Contents

	Page
Signatures and Approval	2
Whole Effluent Toxicity Test Report Certification	3
List of Tables	5
Summary of Static Acute Toxicity Test With <i>Daphnia pulex</i>	6
1.0 Introduction	
1.1 Background	7
1.2 Objective of the General Electric Study	7
2.0 Materials and Methods	
2.1 Protocol	7
2.2 Effluent and receiving water samples	8
2.3 Control water	8
2.4 Test organism	8
2.5 Test procedure	9
2.6 Test monitoring	9
2.7 Reference toxicant test	10
3.0 Statistics	
3.1 Statistical protocol	10
4.0 Results	
4.1 Effluent toxicity test	10
4.2 Reference toxicant test	11
5.0 Qualifiers	
5.1 Qualifiers and Special Conditions	11
References	12
<hr/>	
Appendix 1	Chain-of-Custody Documentation
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

List of Tables

		Page
Table 1	Results of the characterization and analysis of the General Electric Pittsfield Plant effluent and the dilution water (Housatonic River)	13
Table 2	The water quality measurements recorded during the 48-hour static toxicity test for <i>Daphnia pulex</i> exposed to General Electric Pittsfield Plant effluent	14
Table 3	Cumulative percent mortalities recorded during the 48-hour static toxicity test for <i>Daphnia pulex</i> exposed to General Electric Pittsfield Plant effluent	15

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: 11304

Test material: Composite effluent from the General Electric Company located in Pittsfield, Massachusetts

GE sample ID: OUTFALL COMPOSITE A9122C

Dilution water: Water from the Housatonic River (grab sample)

GE sample ID: HOUSATONIC RIVER A9123R

Dates collected: July 7, 2008

Date received: July 8, 2008

Test dates: July 8-10, 2008

Test concentrations: 100%, 75%, 50%, 35%, 15%, 5% effluent.
Dilution water control (Housatonic River A9122C)
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 July 8-10, 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, July 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 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, July 2003
Alkalinity – total titrimetric method	TOX1-010	Rev. 6, July 2004
Thermo-Orion 145 A+ Conductivity Meter	TOX1-016	Rev. 1, July 2004
Dissolved oxygen	TOX1-006	Rev. 7, July 2004
pH measurement	TOX1-007	Rev. 2, July 2004
Salinity: refraction method	TOX1-008	Rev. 3, January, 2003

2.2 Effluent and Receiving Water Samples

The effluent sample (Outfall Composite A9122C) was collected by GE personnel on July 7, 2008. The receiving water sample (Housatonic River A9123R) was a grab collected from the Housatonic River on July 7, 2008. Samples were delivered to Aquatec on July 8, 2008. Upon receipt at Aquatec, the temperature of the temperature blank contained within the cooler was 4.0°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: pH (7.5); dissolved oxygen (7.5 mg/L); conductivity (195 uS/cm). An additional dechlorination control (laboratory water with 0.2 N sodium thiosulfate added) was included in the test array, even though chlorine was not detected in the effluent sample.

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 7.7 – 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), a laboratory control (a mix of moderately hard water and Lamoille River, VT water), and a laboratory control with sodium thiosulfate added (dechlorination control). A 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, 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 July 2008. The resulting 48-hour LC50, calculated by the Spearman-Kärber method, was 3.33 g NaCl/L with 95% confidence intervals of 2.9 – 3.9 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

To the best of our knowledge, no qualifiers or special conditions were applicable to the reported 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. 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 A9122C	Receiving Water HOUSATONIC RIVER A9123R
Temperature	20.9	20.9
pH	7.9	7.5
Alkalinity (as CaCO ₃), mg/L	336	76
Hardness (as CaCO ₃), mg/L	364	86
Dissolved oxygen, mg/L	7.6	7.6
Specific conductivity, uS/cm	1328	222
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, July 8-10, 2008.

Test Concentration (% effluent)	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
Dechl. Control	7.6	-	7.2	7.4	-	8.5	20.5	20.2	20.1
Lab Control	7.5	-	7.1	7.5	-	8.6	20.4	20.1	20.1
Dilution Control	7.5	-	7.3	7.6	-	8.6	20.9	20.0	20.2
5%	7.6	-	7.5	7.4	-	8.6	21.0	19.8	20.1
15%	7.7	-	7.6	7.5	-	8.6	20.6	19.8	20.0
35%	7.8	-	7.9	7.5	-	8.6	20.8	19.9	20.0
50%	7.9	-	8.0	7.6	-	8.6	20.3	19.8	19.9
75%	7.9	-	8.0	7.6	-	8.6	19.6	20.0	19.8
100%	7.9	-	8.0	7.6	-	8.7	20.9	20.0	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.

Dechl. Control = laboratory water with sodium thiosulfate added (dechlorination control).

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, July 8-10, 2008.

Effluent Conc. (%)	24-hour						48-hour					
	A	B	C	D	E	Avg	A	B	C	D	E	Avg
Dechl. Control	0	0	0	0	0	0	0	0	0	0	0	0
Lab Control	0	0	0	0	0	0	0	0	0	0	0	0
Rec. Control	0	0	0	0	0	0	0	0	0	0	0	0
5%	0	0	0	0	0	0	0	0	0	0	0	0
15%	0	0	0	0	0	0	0	0	0	0	0	0
35%	0	0	0	0	0	0	0	0	0	0	0	0
50%	20	0	0	0	0	4	20	0	0	0	0	4
75%	0	0	0	0	0	0	0	0	0	0	0	0
100%	0	0	0	20	20	8	0	0	0	20	20	8

Dechl. Control = laboratory water with sodium thiosulfate added (dechlorination control).

Lab Control = a mix of natural river water and moderately hard water.

Dilution Control = receiving water (Housatonic River).

Percent mortality = (# dead/5) X 100

NPDES Permit No. MA0003891
SDG: 11304
July 8, 2008

Appendix 1

Chain-of-Custody Documentation

Aquatec Biological Sciences



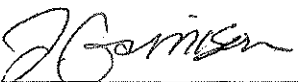
Chain-of-Custody Record

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: <u>General Electric Company</u> Address: <u>O'Brien & Gere</u> <u>1000 East Street, Gate 64</u> City/State/Zip: <u>Pittsfield, MA 01201</u> Telephone: <u>(413) 494-6709</u> Facsimile: <u>(413) 494-7052</u> Contact Name: <u>Sean Coyle</u>	Project Name: <u>GE PITTSFIELD</u> <u>Outfall Composite - INITIAL SAMPLE</u> Project Number: <u>08008</u> Sampler Name(s): <u>SEAN E. COYLE</u> NPDES Permit #: <u>MA0003891</u> Ship these samples on Monday. Quote #: <u>10/05</u> Client Code: <u>GEPITTS</u>	Carrier: <u>PRIORITY EXPRESS</u> Airbill Number: <u> </u> Date Shipped: <u>7/7/08</u> Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4°C	4°C	4°C	4°C	4°C	4°C
			H ₂ SO ₄	H ₂ SO ₄	H ₂ SO ₄	H ₂ SO ₄	H ₂ SO ₄	HNO ₃
			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	NUMBER OF CONTAINERS							
	DATE	TIME												
Outfall Composite A9122C	7/7/08	10 AM		X	Effluent	Ceriodaphnia dubia chronic survival and reproduction (EPA Met hod 1002.0) Initial sample	1							
¹⁶ Housatonic River A9123R	7/7/08	8:55 AM	X		Receiving	Dilution Water	2							

Note: effluent and receiving water were also logged in for the Duplex acute toxicity test (7/8/08) 7/25/08

Relinquished by: (signature)	DATE	TIME	Received by: (signature)	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: 4.0 °C. Dechlorinate the effluent sample if chlorine is detected.
	7/7/08	11:35 AM		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	
	7-8-08	6:00		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	

Appendix 2 Summary of Test Conditions

Test Description: Daphnid, *Daphnia pulex*, static acute toxicity testASSOCIATED PROTOCOL: EPA 2002, 5th ed. (EPA-821-R-02-012) *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, Method 2002.0*

1. Test type:	Static, no renewal
2. Test temperature:	20 ± 1°C
3. Light quality:	Ambient laboratory illumination
4. Photoperiod:	16 hr. light, 8 hr. dark
5. Test chamber size:	30 ml
6. Test solution volume:	25 ml / replicate
7. Renewal of test concentrations:	None
8. Age of test organisms:	Less than 24 h
9. No. organisms / test chamber:	5
10. No. of replicate chambers / concentration:	5
11. No. of organisms / concentration:	20
12. Feeding regime:	Feed 0.1 ml of YTC and algal suspension prior to testing. Not fed during test.
13. Cleaning:	None
14. Aeration:	None
15. Dilution water:	Receiving Water (Housatonic River)
16. Test concentrations:	5, 15, 35, 50, 75, 100%
17. Laboratory control:	1:1 mix of reconstituted moderately hard water and Lamoille River water. Dechlorination control.
18. Test duration:	48 h
19. Monitoring:	Day 0: temperature, DO, pH, and conductivity. Day 1: temperature. Day 2: temperature, DO, pH, and conductivity Hardness, alkalinity, salinity, TRC Biological monitoring daily (survival)
19. End points:	Survival
20. Reference toxicant test:	Sodium chloride 48-h LC50
21. Test acceptability	90% or greater
22. Data interpretation:	Acute: 48 h LC50 (Point estimate by EPA statistical flowchart using CETIS) and A-NOEC by hypothesis test statistics compared to the receiving water control (EPA statistical flowchart using CETIS)

Appendix 3
U.S. EPA Region 1 Toxicity Test Summary and
Statistical Flow Chart

TOXICITY TEST SUMMARY SHEET

Facility Name: Outfall Composite A9122C Test Start Date: 07/08/08

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: July 7, 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: 07/08/08 – 07/10/08

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: 100 (%)

	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

**DETERMINATION OF THE NOAEC
FROM A MULTI-EFFLUENT-CONCENTRATION
ACUTE TOXICITY TEST**

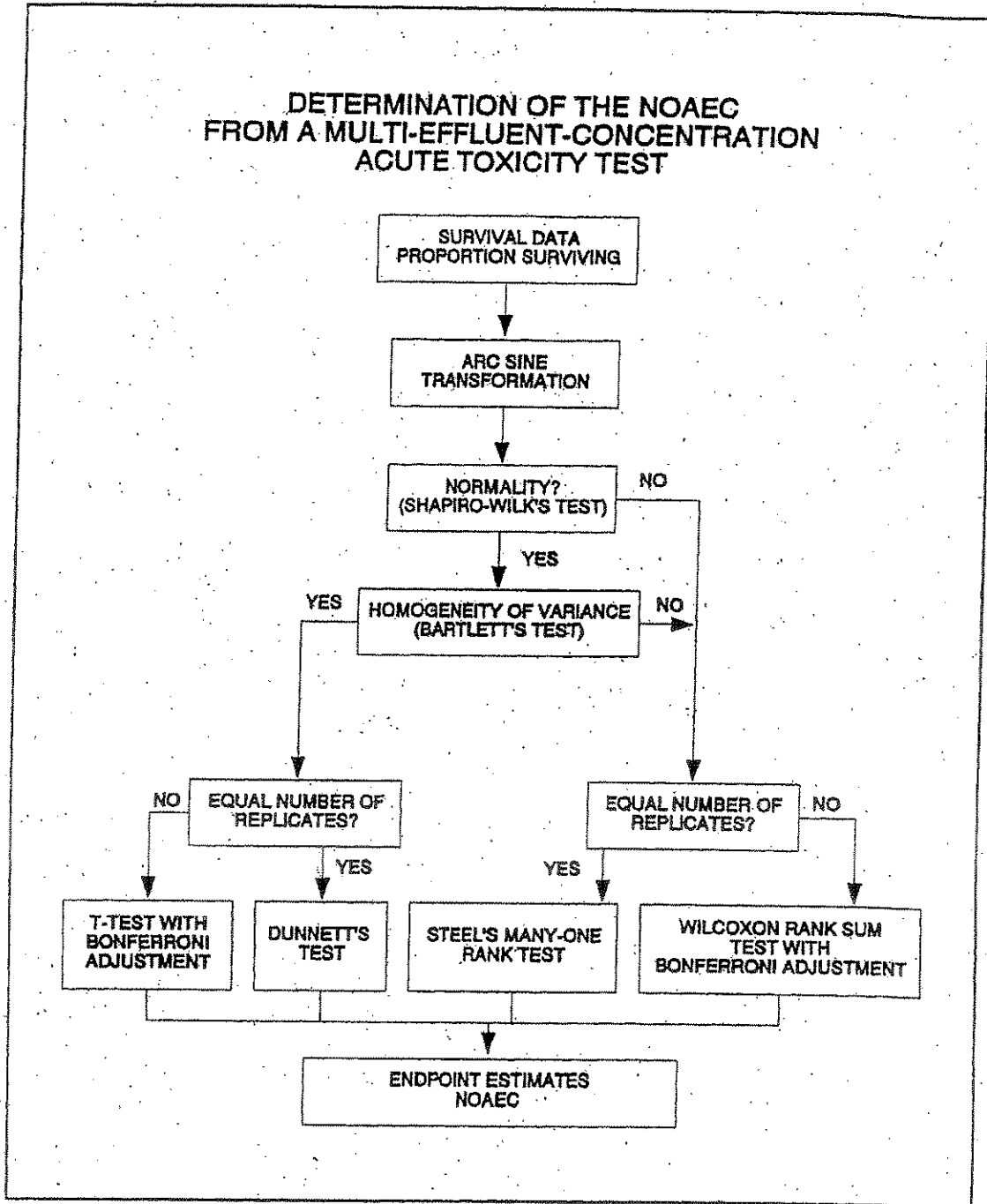


Figure 13. Flowchart for analysis of multi-effluent-concentration test data.

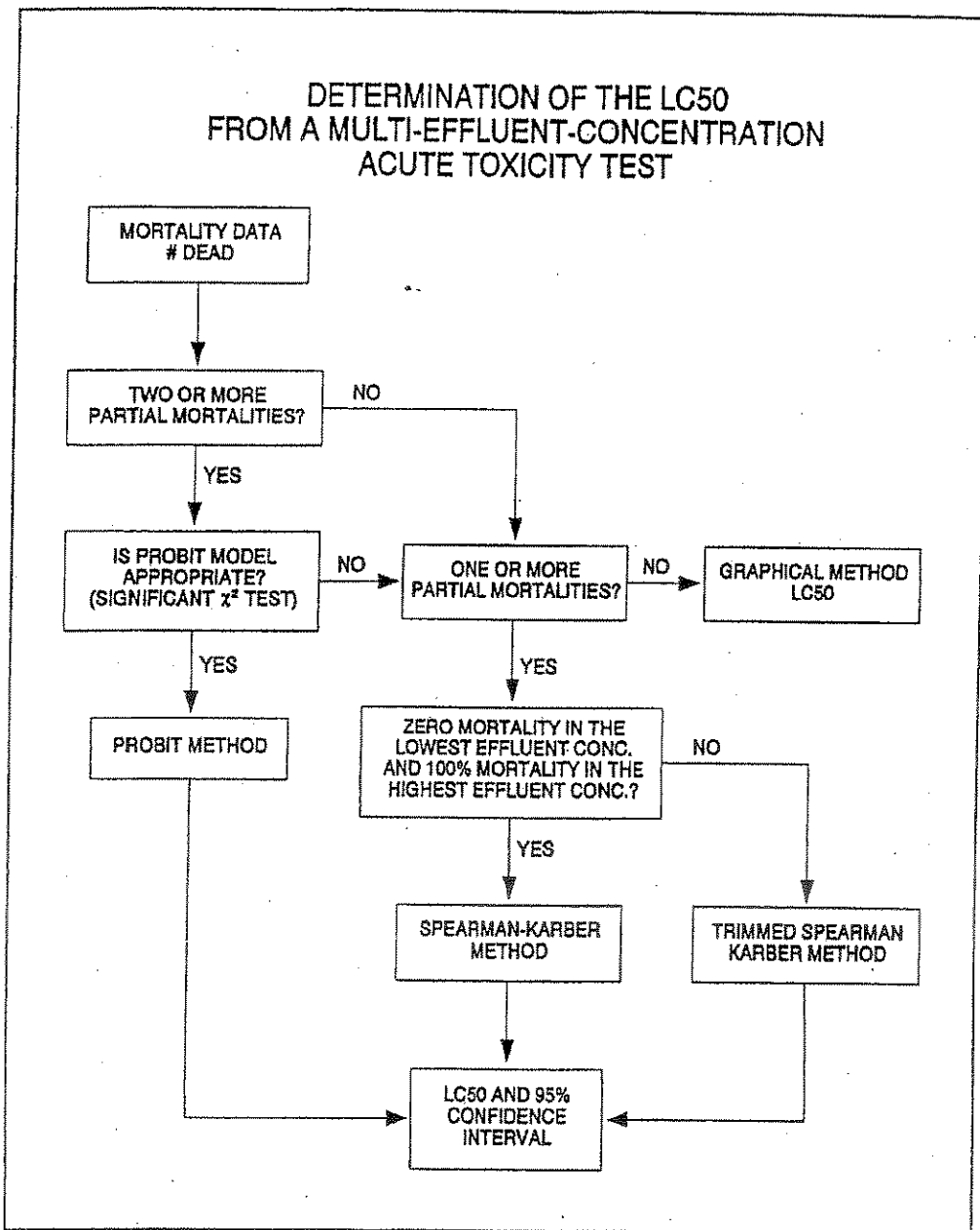


Figure 6. Flowchart for determination of the LC50 for multi-effluent-concentration acute toxicity tests.

Appendix 4
Bench Data, *Daphnia pulex* Acute Toxicity Test

CETIS Summary Report

Report Date: 22 Jul-08 10:59 (p 1 of 1)
 Link/Link Code: 02-3517-1860/56906

Daphnia pulex 48-h Acute Survival Test			Aquatec Biological Sciences, Inc		
Test Run No:	21-1659-0699	Test Type:	Survival (48h)	Analyst:	
Start Date:	08 Jul-08 12:40	Protocol:	EPA/821/R-02-012 (2002)	Diluent:	Receiving Water
Ending Date:	10 Jul-08 12:50	Species:	Daphnia pulex	Brine:	
Duration:	48h	Source:	In-House Culture	Age:	<24h
Sample No:	20-4316-6813	Code:	11304	Client:	GE Pittsfield
Sample Date:	07 Jul-08 10:10	Material:	POTW Effluent	Project:	WET Monthly Compliance Test (JUL)
Receive Date:	08 Jul-08 09:00	Source:	NPDES Permit # MA0003891 (GE PITTS)		
Sample Age:	27h (4 °C)	Station:	GE Pittsfield		

Comparison Summary						
Analysis No	Endpoint	NOEL	LOEL	TOEL	PMSD	Method
05-0842-2144	48h Survival Rate	100	> 100	N/A	10.04%	Steel Many-One Rank Test

Point Estimate Summary						
Analysis No	Endpoint	Effect-%	Conc-%	95% LCL	95% UCL	Method
13-0281-4599	48h Survival Rate	5	87.5	27.5	N/A	Linear Interpolation (ICPIN)
		10	> 100	N/A	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
05-0842-2144	48h Survival Rate	Control Resp	1	0.9 - NL	Yes	Passes acceptability criteria
13-0281-4599	48h Survival Rate	Control Resp	1	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	1	1	1	1	1	0	0	0.0%	0.0%
0	Lab Water	5	1	1	1	1	1	0	0	0.0%	0.0%
0	Thiosulfate	5	1	1	1	1	1	0	0	0.0%	0.0%
5		5	1	1	1	1	1	0	0	0.0%	0.0%
15		5	1	1	1	1	1	0	0	0.0%	0.0%
35		5	1	1	1	1	1	0	0	0.0%	0.0%
50		5	0.96	0.926602	0.993398	0.8	1	0.0163299	0.0894427	9.32%	4.0%
75		5	1	1	1	1	1	0	0	0.0%	0.0%
100		5	0.92	0.879095	0.960905	0.8	1	0.02	0.109545	11.91%	8.0%

48h Survival Rate Detail						
Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Dilution Water	1	1	1	1	1
0	Lab Water	1	1	1	1	1
0	Thiosulfate	1	1	1	1	1
5		1	1	1	1	1
15		1	1	1	1	1
35		1	1	1	1	1
50		0.8	1	1	1	1
75		1	1	1	1	1
100		1	1	1	0.8	0.8

CETIS Analytical Report

Report Date: 22 Jul-08 10:59 (p 1 of 2)
 Link/Link Code: 02-3517-1860/56906

Daphnia pulex 48-h Acute Survival Test

Aquatec Biological Sciences, Inc

Analysis No: 05-0842-2144 Endpoint: 48h Survival Rate CETIS Version: CETISv1.6.4
 Analyzed: 22 Jul-08 10:59 Analysis: Nonparametric-Control vs Treatments Official Results: Yes

Test Run No: 21-1659-0699 Test Type: Survival (48h) Analyst:
 Start Date: 08 Jul-08 12:40 Protocol: EPA/821/R-02-012 (2002) Diluent: Receiving Water
 Ending Date: 10 Jul-08 12:50 Species: Daphnia pulex Brine:
 Duration: 48h Source: In-House Culture Age: <24h

Sample No: 20-4316-6813 Code: 11304 Client: GE Pittsfield
 Sample Date: 07 Jul-08 10:10 Material: POTW Effluent Project: WET Monthly Compliance Test (JUL)
 Receive Date: 08 Jul-08 09:00 Source: NPDES Permit # MA0003891 (GE PITTS)
 Sample Age: 27h (4 °C) 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	10.04%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Dilution Water		5	27.5	16	1	0.8571	Non-Significant Effect
		15	27.5	16	1	0.8571	Non-Significant Effect
		35	27.5	16	1	0.8571	Non-Significant Effect
		50	25	16	1	0.6693	Non-Significant Effect
		75	27.5	16	1	0.8571	Non-Significant Effect
		100	22.5	16	1	0.4265	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	Acceptability Limits	Overlap	Decision
Control Resp	1	0.9 - NL	Yes	Passes acceptability criteria

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.0421259	0.007021	6	1.73333	0.1501	Non-Significant Effect
Error	0.1134158	0.0040506	28			
Total	0.1555417	0.0110715	34			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Mod Levene Equality of Variance	2.64762	3.52756	0.0367	Equal Variances
Distribution	Shapiro-Wilk Normality	0.669107		0.0000	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	1	1	1	1	1	0	0	0.0%	0.0%
5		5	1	1	1	1	1	0	0	0.0%	0.0%
15		5	1	1	1	1	1	0	0	0.0%	0.0%
35		5	1	1	1	1	1	0	0	0.0%	0.0%
50		5	0.96	0.925978	0.994022	0.8	1	0.0166091	0.0894428	9.32%	4.0%
75		5	1	1	1	1	1	0	0	0.0%	0.0%
100		5	0.92	0.878331	0.961669	0.8	1	0.0203419	0.109545	11.91%	8.0%

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	1.34528	1.34521	1.34536	1.34528	1.34528	0	0	0.0%	0.0%
5		5	1.34528	1.34521	1.34536	1.34528	1.34528	0	0	0.0%	0.0%
15		5	1.34528	1.34521	1.34536	1.34528	1.34528	0	0	0.0%	0.0%
35		5	1.34528	1.34521	1.34536	1.34528	1.34528	0	0	0.0%	0.0%
50		5	1.29766	1.25715	1.33817	1.10715	1.34528	0.0197759	0.106497	8.21%	3.54%
75		5	1.34528	1.34521	1.34536	1.34528	1.34528	0	0	0.0%	0.0%
100		5	1.25003	1.20042	1.29964	1.10715	1.34528	0.0242205	0.130431	10.43%	7.08%

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CETIS Analytical Report

Report Date: 22 Jul-08 10:59 (p 2 of 2)
 Link/Link Code: 02-3517-1860/56906

Daphnia pulex 48-h Acute Survival Test

Aquatec Biological Sciences, Inc

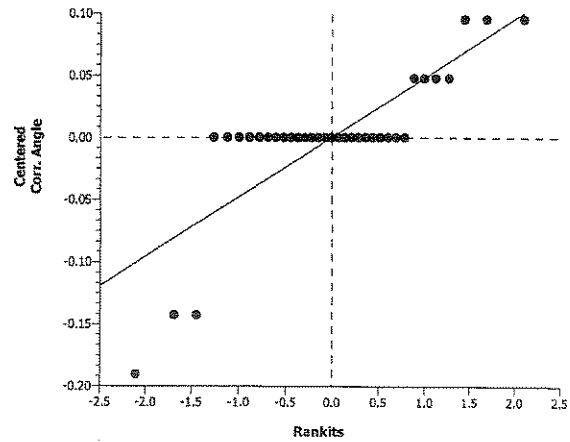
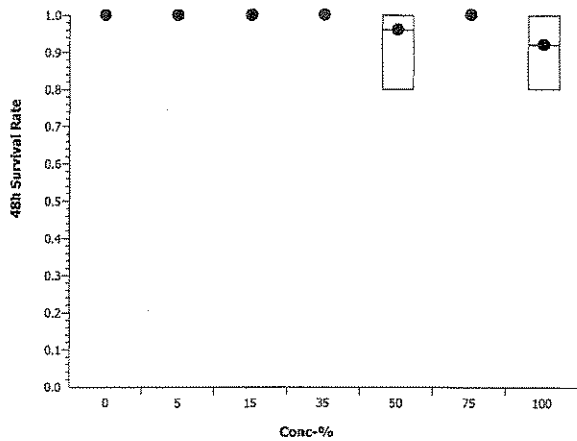
Analysis No: 05-0842-2144 Endpoint: 48h Survival Rate
 Analyzed: 22 Jul-08 10:59 Analysis: Nonparametric-Control vs Treatments

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	1	1
5		1	1	1	1	1
15		1	1	1	1	1
35		1	1	1	1	1
50		1	1	1	1	0.8
75		1	1	1	1	1
100		1	1	1	0.8	0.8

Graphics



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 7/25/08

CETIS Analytical Report

Report Date: 22 Jul-08 10:59 (p 1 of 2)
 Link/Link Code: 02-3517-1860/56906

Daphnia pulex 48-h Acute Survival Test

Aquatec Biological Sciences, Inc

Analysis No: 13-0281-4599	Endpoint: 48h Survival Rate	CETIS Version: CETISv1.6.4
Analyzed: 22 Jul-08 10:59	Analysis: Linear Interpolation (ICPIN)	Official Results: Yes
Test Run No: 21-1659-0699	Test Type: Survival (48h)	Analyst:
Start Date: 08 Jul-08 12:40	Protocol: EPA/821/R-02-012 (2002)	Diluent: Receiving Water
Ending Date: 10 Jul-08 12:50	Species: Daphnia pulex	Brine:
Duration: 48h	Source: In-House Culture	Age: <24h
Sample No: 20-4316-6813	Code: 11304	Client: GE Pittsfield
Sample Date: 07 Jul-08 10:10	Material: POTW Effluent	Project: WET Monthly Compliance Test (JUL)
Receive Date: 08 Jul-08 09:00	Source: NPDES Permit # MA0003891 (GE PITTS)	
Sample Age: 27h (4 °C)	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	1	0.9 - NL	Yes	Passes acceptability criteria

Point Estimates

Effect-%	Conc-%	95% LCL	95% UCL
5	87.5	27.5	N/A
10	> 100	N/A	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

Calculated Variate(A/B)

Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Dilution Water	5	1	1	1	0	0	0.0%	0.0%	25	25
5		5	1	1	1	0	0	0.0%	0.0%	25	25
15		5	1	1	1	0	0	0.0%	0.0%	25	25
35		5	1	1	1	0	0	0.0%	0.0%	25	25
50		5	0.96	0.8	1	0.0163299	0.0894428	9.32%	4.0%	24	25
75		5	1	1	1	0	0	0.0%	0.0%	25	25
100		5	0.92	0.8	1	0.02	0.109545	11.91%	8.0%	23	25

48h Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Dilution Water	1	1	1	1	1
5		1	1	1	1	1
15		1	1	1	1	1
35		1	1	1	1	1
50		0.8	1	1	1	1
75		1	1	1	1	1
100		1	1	1	0.8	0.8

J 7/25/08

CETIS Analytical Report

Report Date: 22 Jul-08 10:59 (p 2 of 2)
Link/Link Code: 02-3517-1860/56906

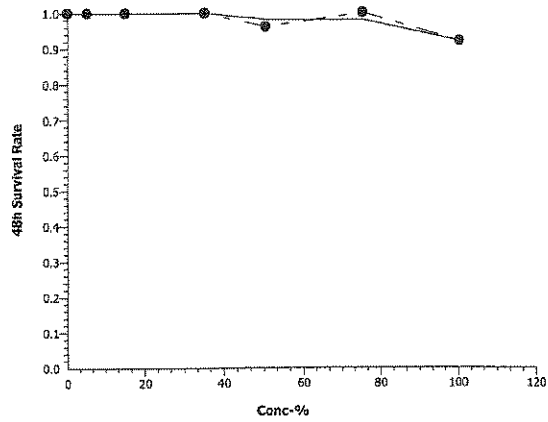
Daphnia pulex 48-h Acute Survival Test

Aquatec Biological Sciences, Inc

Analysis No: 13-0281-4599 Endpoint: 48h Survival Rate
Analyzed: 22 Jul-08 10:59 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.6.4
Official Results: Yes

Graphics



Client: GENERAL ELECTRIC, PITTSFIELD, MA
 MA0003891

Test #: 56906

SDG: 11304

Test Description: *Daphnia pulex* 48-h static acute toxicity test

SURVIVAL DATA, SAMPLE 37075

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	5
Contr C	5	5	5	1:1 C	5	5	5
D	5	5	5	LR / MHW D	5	5	5
E	5	5	5	E	5	5	5
5.0 A	5	5	5	Dechlor. A	5	5	5
B	5	5	5	Control B	5	5	5
C	5	5	5	C	5	5	5
D	5	5	5	D	5	5	5
E	5	5	5	E	5	5	5
15 A	5	5	5				
B	5	5	5				
C	5	5	5				
D	5	5	5				
E	5	5	5				
35 A	5	5	5				
B	5	5	5				
C	5	5	5				
D	5	5	5				
E	5	5	5				
50 A	5	4 ①	4				
B	5	5	5				
C	5	5	5				
D	5	5	5				
E	5	5	5				
75 A	5	5	5				
B	5	5	5				
C	5	5	5				
D	5	5	5				
E	5	5	5				
100 A	5	5	5				
B	5	5	5				
C	5	5	5				
D	5	4 ①	4				
E	5	4 ①	4				
Sample #	37592	37592					
I/D/T	JG 7-8-08 12:40	JG 7-9-08 12:45	JG 7-10-08 12:50				

① 1 daphnid stuck to side of cup, dead.

Aquatec Biological Sciences, Inc. Williston Vermont

Reviewed by: J Date: 7/25/08

GENERAL ELECTRIC, PITTSFIELD, MA

Documentation of Collection of *Daphnia pulex* for Toxicity Testing

Culture ID	Date / Time / Init Cleared of Neonates	Date / Time / Init Neonate Collection	Fed YC / Selenastrum (Lot #'s)
6/12	7-7-08 13:00 JG	—————	070108 Sel
6/26	7-7-08 13:30 JG	—————	060508 YC
6/12	—————	7-8-08 11:00 AD	✓
6/26	—————	7-8-08 10:40 AD	✓

Project Description / Test Use: GC Pittsfield

Culture Chemistry Prior to Use

pH 7.1
 DO 7.7
 Temp. 23.0°C
 Cond. 310

Alkalinity and Hardness Worksheet

Sample Identifier	LIMS Identifier	Sub ID Code	Sampling Date	Sample Volume	Alkalinity					Hardness					
					Initial Titrant (ml)	Final Titrant (ml)	Analyst	Analysis Date	Alkalinity	Sample Volume	Initial Titrant (ml)	Final Titrant (ml)	Analyst	Analysis Date	Hardness
37592	Outfall Composite	EFF	7/8/2008	25	8.8	17.2	AD	7/8/2008	336.0	25	19	28.1	AD	7/8/2008	364.0
37593	Housatonic River A	RW	7/8/2008	25	17.2	19.1	AD	7/8/2008	76.0	50	28.1	32.4	AD	7/8/2008	86.0
37611	Outfall Composite (	EFF	7/10/2008	25	6.3	12.7	AD	7/10/2008	256.0	10	16.2	19.2	AD	7/10/2008	300.0
37612	Housatonic River (	RW	7/10/2008	25	12.7	14.8	AD	7/10/2008	84.0	50	19.2	24.1	AD	7/10/2008	98.0
37642	Outfall Composite:	EFF	7/12/2008	25	22.7	30.8	AD	7/15/2008	324.0	10	37.6	41	KK	7/12/2008	340.0
37643	Housatonic River:	RW	7/12/2008	25	30.8	32.7	AD	7/15/2008	76.0	50	41	45.4	KK	7/12/2008	88.0

32

QC/ll

Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, VT 05495
(802) 860-1638

Total Residual Chlorine Analysis

Client GE Pittsfield, MA	SDG 11304
------------------------------------	---------------------

Sample #	Sample ID	Collection Date / Time	Analysis Date	Result (TRC mg/L)	Method
37592	Outfall Composite A9122C	7/7/08 10:10	7/8/08 15:30	0.04 *	DPD Colorimetric

*The effluent was not dechlorinated with sodium thiosulfate prior to use in the toxicity test.

Sample Preparation

Client: GENERAL ELECTRIC, PITTSFIELD, MA MA0003891	SDG: 11304
Test Description: <i>Daphnia pulex</i> acute toxicity test.	Test #: 56906

Sample Identification:

Sample Description	Effluent	Rec. Water (Housatonic River)
Sample #	37592	37593

Sample Preparation:

Filtration	60 micron ✓	60 micron ✓
Chlorine ¹	ND	ND
Dechlorine ²	—	—
Salinity ^(‰)	0‰	0‰
Prepared by (Init./date)	7-8-08 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.)

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.
--

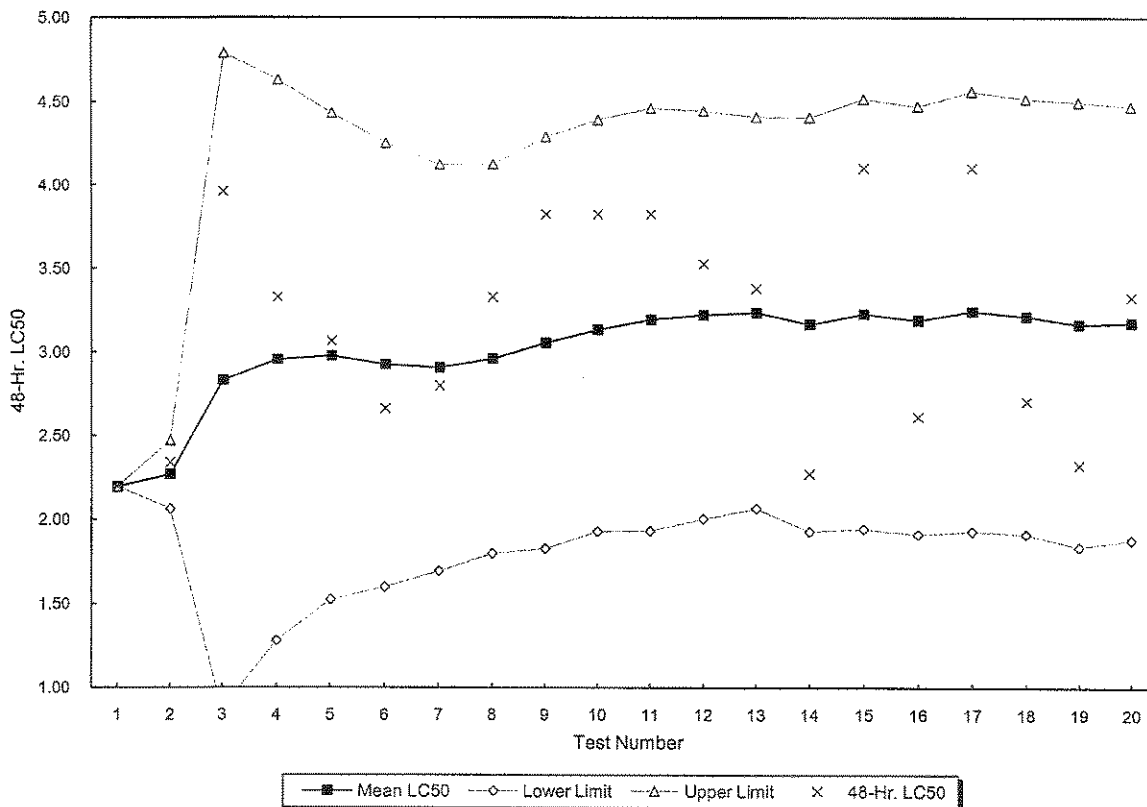
Appendix 5
Standard Reference Toxicant test Control Chart

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	01/10/07	1	2.196	2.20	2.20	2.20	Aquatec Biological Sciences
2	02/07/07	1	2.34	2.27	2.06	2.47	Aquatec Biological Sciences
3	03/08/07	1	3.959	2.83	0.87	4.79	Aquatec Biological Sciences
4	04/18/07	1	3.329	2.96	1.28	4.63	Aquatec Biological Sciences
5	05/09/07	1	3.069	2.98	1.53	4.43	Aquatec Biological Sciences
6	06/26/07	1	2.661	2.93	1.60	4.25	Aquatec Biological Sciences
7	07/09/07	1	2.799	2.91	1.69	4.12	Aquatec Biological Sciences
8	07/10/07	1	3.329	2.96	1.80	4.12	Aquatec Biological Sciences
9	08/07/07	1	3.824	3.06	1.83	4.29	Aquatec Biological Sciences
10	09/06/07	1	3.824	3.13	1.93	4.39	Aquatec Biological Sciences
11	10/09/07	1	3.824	3.20	1.93	4.46	Aquatec Biological Sciences
12	11/07/07	1	3.527	3.22	2.00	4.44	Aquatec Biological Sciences
13	12/18/07	1	3.38	3.24	2.06	4.41	Aquatec Biological Sciences
14	01/06/08	1	2.27	3.17	1.93	4.40	Aquatec Biological Sciences
15	02/26/08	1	4.1	3.23	1.94	4.52	Aquatec Biological Sciences
16	03/06/08	1	2.61	3.19	1.91	4.47	Aquatec Biological Sciences
17	04/03/08	1	4.1	3.24	1.93	4.56	Aquatec Biological Sciences
18	05/05/08	1	2.704	3.21	1.91	4.52	Aquatec Biological Sciences
19	06/04/08	1	2.32	3.17	1.84	4.50	Aquatec Biological Sciences
20	07/08/08	1	3.33	3.17	1.88	4.47	Aquatec Biological Sciences



qaq\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: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9122C

Date Sampled : 07/07/08 10:10

Order #: 1115226

Sample Matrix: WATER

Date Received: 07/08/08

Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.126	MG/L	07/17/08	09:16	1.0
CHLORIDE	SM4500-C	1.00	207	MG/L	07/11/08	15:32	5.0
TOTAL ALKALINITY	SM2320B	2.00	380	MG/L	07/14/08		1.0
TOTAL ORGANIC CARBON	SM5310C	0.0500	8.96	MG/L	07/17/08	15:30	20.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	07/15/08	09:52	1.0
TOTAL SOLIDS	SM2540B	10.0	748	MG/L	07/09/08	09:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.00 U	MG/L	07/09/08	14:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric
Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08
Client Sample ID : A9122CCN

Date Sampled : 07/07/08 10:10 Order #: 1115232 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0427	MG/L	07/10/08	10:41	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A912CCN-FLTR

Date Sampled : 07/07/08 10:10 Order #: 1115233 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/10/08	10:41	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9122CTM

Date Sampled : 07/07/08 10:10
Date Received: 07/08/08

Order #: 1115228
Submission #: R2844841

Sample Matrix: WATER

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0244 B	MG/L	07/10/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/15/08	1.0
CALCIUM	200.7	1.00	82.2	MG/L	07/10/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/15/08	1.0
COPPER	200.8	1.00	2.16	UG/L	07/15/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	07/16/08	1.0
MAGNESIUM	200.7	1.00	35.0	MG/L	07/10/08	1.0
NICKEL	200.8	1.00	2.58	UG/L	07/15/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
ZINC	200.8	5.00	8.40	UG/L	07/16/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9122CDM

Date Sampled : 07/07/08 10:10

Order #: 1115227

Sample Matrix: WATER

Date Received: 07/08/08

Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0209 B	MG/L	07/10/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/15/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/15/08	1.0
COPPER	200.8	1.00	1.83	UG/L	07/15/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	07/16/08	1.0
NICKEL	200.8	1.00	2.28	UG/L	07/15/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
ZINC	200.8	5.00	15.7	UG/L	07/16/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9123R

Date Sampled : 07/07/08 08:55 Order #: 1115225 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.0500 U	MG/L	07/17/08	09:16	1.0
CHLORIDE	SM4500-C	1.00	15.5	MG/L	07/11/08	15:32	1.0
TOTAL ALKALINITY	SM2320B	2.00	88.0	MG/L	07/14/08		1.0
TOTAL ORGANIC CARBON	SM5310C	0.0500	5.83	MG/L	07/16/08	14:08	10.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	07/15/08	09:52	1.0
TOTAL SOLIDS	SM2540B	10.0	132	MG/L	07/09/08	09:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.50	MG/L	07/09/08	14:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9123RCN

Date Sampled : 07/07/08 08:55 Order #: 1115230 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/10/08	10:41	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9123RCN-FLTR

Date Sampled : 07/07/08 08:55 Order #: 1115231 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/10/08	10:41	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9123RTM

Date Sampled : 07/07/08 08:55 Order #: 1115229 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0543 B	MG/L	07/10/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/15/08	1.0
CALCIUM	200.7	1.00	22.1	MG/L	07/10/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/15/08	1.0
COPPER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	07/16/08	1.0
MAGNESIUM	200.7	1.00	7.80	MG/L	07/10/08	1.0
NICKEL	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
ZINC	200.8	5.00	5.00 U	UG/L	07/16/08	1.0

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: July 7, 2008

Acute Dry

Acute Wet

Chronic (Day 1, 2 or 3)

Effluent Composite

Sample # A9122C

Date 7/7/08

Time 10:10AM

pH 7.72 su

River/Dilution Water

Sample # A9123R

Date 7/7/08

Time 7:55AM

pH 7.46 su

SEAN C. COYLE

C. Coyle 7/7/08
Signature & Date

Joseph C. Hamling

Joseph C. Hamling 7-7-08
SIGNATURE & DATE

APPENDIX 3

Chain of Custody Forms

7/7/2008

CHRONIC AQUATIC TOXICITY COMPOSITE 7C1

Month: JULY
Week: 2
Fiscal Wk: 28
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	8:00AM	15,990	1,232.11	11.20%
004		0	-	0.00%
007		0	-	0.00%
64T	7:10AM	4,685	361.00	3.28%
64G	7:10AM	122,080	9,406.89	85.52%
09A		0	-	0.00%
09B	8:30AM	0	-	0.00%
		142,755	11000	100.00%

The Acute Toxicity Composite was made today by SEAN C. COYLE @ 10:10 AM
according to the table above, and given the sample ID# A9122C

Sean C. Coyle

Signed

7/7/08

Date

Chain-of-Custody Form Number:	<u>6214</u>
Analysis:	<u>TOX COMPOSITE</u>
TIME:	<u>10:10 AM</u>
Location:	<u>7/7/08</u> Date:
Sample Label Serial Number	<u>A 09122C</u>



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 4

SR # _____
CAS Contact _____

Project Name		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)										PRESERVATIVE	REMARKS/ ALTERNATE DESCRIPTION	
Project Manager		Report CC		NUMBER OF CONTAINERS	GC/MS VOA's 8260 8270 8270 8021 601/602	GC/MS SVOA's 8270 825 8021 601/602	PESTICIDES 8081 808 808	PCB's 8082 608 808	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	METALS, TOTAL (List in comments below)	METALS DISSOLVED (List in comments below)	TOC 300.7			SM 5310C 3320B	TSS 5M 2540D
Company/Address		Phone #												FAX#				SAMPLING DATE		TIME		MATRIX
NPDES PERMIT															Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other <u>NO HEADSPACE</u>	
J. NICHOLSON																
GE CEP		(413) 444-5915		(413) 444-5935		SEAN C. COYLE										
159 PLASTICS AVE BLDG 59																
PITTSFIELD, MA 01201																
FOR OFFICE USE ONLY		LAB ID		DATE		TIME		MATRIX								
CLIENT SAMPLE ID																
A9122CTM		1115228		7/7/08		10:10 AM		H ₂ O		1						
A9122CTMQ		1115228		7/7/08		10:10 AM		H ₂ O		1						MATRIX SPIKE
A9123RTM		1115229		7/7/08		8:55 AM		H ₂ O		1						FILTERED & PRESERVED
A9122CDM		1115227		7/7/08		10:10 AM		H ₂ O		1						
A9122C		1115226		7/7/08		10:10 AM		H ₂ O		3						
A9123R		1115225		7/7/08		8:55 AM		H ₂ O		3						
A9122C		1115226		7/7/08		10:10 AM		H ₂ O		1						
A9123R		1115225		7/7/08		8:55 AM		H ₂ O		1						
A9122C		1115226		7/7/08		10:10 AM		H ₂ O		1						
A9123R		1115225		7/7/08		8:55 AM		H ₂ O		1						
SPECIAL INSTRUCTIONS/COMMENTS																
Metals TOTAL																
(7) EPA 200.7 - Cu, Pb, Cd, Cr, Ni, Ag, Zn																
(3) EPA 200.7 - Al, Ca, Mg																
DISSOLVED METALS (7) EPA 200.7 - Cu, Pb, Ni, Zn, Cd, Cr, Ag																
DISSOLVED METALS (1) EPA 200.7 Al																
See QAPP <input type="checkbox"/> - SAMPLES PACKED IN ICE																
TURNAROUND REQUIREMENTS																
RUSH (SURCHARGES APPLY)																
24 hr 48 hr <input checked="" type="checkbox"/> 5 day																
STANDARD																
REQUESTED FAX DATE																
REQUESTED REPORT DATE																
REPORT REQUIREMENTS																
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 Yes <input type="checkbox"/> No <input type="checkbox"/>																
INVOICE INFORMATION																
PO#																
BILL TO:																
SUBMISSION #:																1284484
RECEIVED BY																
RELINQUISHED BY																
Signature																
SEAAN C. COYLE																
Printed Name																
ORC																
Firm																
7/7/08 2:30pm																
Date/Time																
RELINQUISHED BY																
Signature																
HOLLY PUNDT																
Printed Name																
CAS																
Firm																
7/7/08 9:45																
Date/Time																



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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PAGE 3 OF 4

SR # _____
CAS Contact _____

Project Name NPDES PERMIT		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																
Project Manager T. NICHOLSON		Report CC		PRESERVATIVE																
Company/Address GE CEP				NUMBER OF CONTAINERS	GC/MS VOA's <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> CLP	GC/MS SVOA's <input type="checkbox"/> 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP	GC VOA's <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602	PESTICIDES <input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	PCB's <input type="checkbox"/> 8082 <input type="checkbox"/> 808 <input type="checkbox"/> CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	CYANIDE EPA 335.4	CYANIDE EPA 335.4	TOTAL PHOSPHORUS 35.1 M	AMMONIA 35.1 M	TOTAL SOLIDS 35.1 M	PRESERVATIVE	REMARKS/ ALTERNATE DESCRIPTION	Preservative Key	
1. NONE																				
2. HCL																				
3. H ₂ SO ₄																				
4. NaOH																				
5. Zn. Acetate																				
6. MeOH																				
7. NaHSO ₄																				
8. Other _____																				
Phone # (413) 444-5915		FAX# (413) 444-5935																		
Sampler's Signature [Signature]		Sampler's Printed Name SEAN C. COYLE																		
Client Sample ID		FOR OFFICE USE ONLY LAB ID		SAMPLING DATE TIME		MATRIX														
A9122CCN		1115232		7/7/02 10:10 AM		H ₂ O														
A9122CCN-FLTR		1115233		7/7/02 10:20 AM		H ₂ O														
A9122CCNQ		1115232		7/7/02 10:10 AM		H ₂ O												MATRIX SPIKE		
A9122CCNQ-FLTR		1115233		7/7/02 10:10 AM		H ₂ O												MATRIX SPIKE		
A9123RCN		1115230		7/7/02 8:55 AM		H ₂ O														
A9123RCN-FLTR		1115231		7/7/02 8:55 AM		H ₂ O												FILTER PAD		
A9122C		1115226		7/7/02 10:10 AM		H ₂ O														
A9123R		1115225		7/7/02 8:55 AM		H ₂ O														
A9122C		1115226		7/7/02 10:10 AM		H ₂ O														
A9123R		1115225		7/7/02 8:55 AM		H ₂ O														
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 ② MATRIX SPIKE				TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 24 hr 48 hr <input checked="" type="checkbox"/> 5 day STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE				REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries <input checked="" type="checkbox"/> IV. Data Validation Report with Raw Data V. Specialized Forms / Custom Report Edata Yes No				INVOICE INFORMATION PO# BILL TO: SUBMISSION #: R284484								
SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____				CUSTODY SEALS: Y N																
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY						
Signature [Signature]		Signature [Signature]		Signature		Signature		Signature		Signature		Signature		Signature						
Printed Name SEAN C. COYLE		Printed Name HOLLY PUNDT		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name						
Firm GE		Firm CAS		Firm		Firm		Firm		Firm		Firm		Firm						
Date/Time 7/7/02 2:30pm		Date/Time 7/8/02 9:45		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time						

Cooler Receipt And Preservation Check Form

Project/Client GE Pittsfield Submission Number R28-44841

Cooler received on 7/8/08 by: JF 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/ROS, CLIENT
 7. Temperature of cooler(s) upon receipt: 3.4° 1.5° 1.8° _____
- 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: 7/8/08 1010

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 7/8/08

Cooler Breakdown: Date: 7/8/08 by: KMK

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	X		80820538	05/09				
≤2	H ₂ SO ₄	X		4551320	04/09				
Residual Chlorine (-)	For TCN and Phenol	A		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: 0303609 051908-2
 Other Comments: _____

PC Secondary Review: C 7/8/08 *significant air bubbles are greater than 5-6 mm

Aquatec Biological Sciences



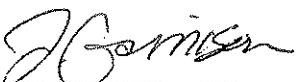
Chain-of-Custody Record

273 Commerce Street
 Williston, VT 05495
 TEL: (802) 960-1638
 FAX: (802) 658-3189

COMPANY INFORMATION	COMPANY'S PROJECT INFORMATION	SHIPPING INFORMATION	VOLUME/CONTAINER TYPE/PRESERVATIVE					
Name: <u>General Electric Company</u>	Project Name: <u>GE PITTSFIELD</u>	Carrier: <u>PRIORITY EXPRESS</u>	4°C	4°C	4°C	4°C	4°C	4°C
Address: <u>O'Brien & Gere</u> <u>1000 East Street, Gate 64</u>	Outfall Composite - INITIAL SAMPLE	Airbill Number: <u> </u>	—	—	H ₂ SO ₄	H ₂ SO ₄	—	—
City/State/Zip: <u>Pittsfield, MA 01201</u>	Project Number: <u>08008</u>	Date Shipped: <u>7/7/08</u>	Plastic	Plastic	Plastic	Glass	Glass	Plastic
Telephone: <u>(413) 494-6709</u>	Sampler Name(s): <u>SEAN C. COYLE</u>	Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	—	—	—	—	—	—
Facsimile: <u>(413) 494-7052</u>	NPDES Permit #: <u>MA0003891</u>		1 gal	1/2 gal	1 L	40 ml	40 mL	0.5 L
Contact Name: <u>Sean Coyle</u>	Ship these samples on Monday.							
	Quote #: <u>10/05</u> Client Code: <u>GEPITTS</u>							

SAMPLE IDENTIFICATION	COLLECTION		GRAB	COMPOSITE	MATRIX	ANALYSIS	NUMBER OF CONTAINERS							
	DATE	TIME												
Outfall Composite A9122C	<u>7/7/08</u>	<u>10 10 AM</u>		X	Effluent	<i>Ceriodaphnia dubia</i> chronic survival and reproduction (EPA Met hod 1002.0) Initial sample	1							
¹⁶ Housatonic River A9123R	<u>7/7/08</u>	<u>8 55 AM</u>	X		Receiving	Dilution Water	2							

Note: effluent and receiving water were also logged in for the Duplex acute toxicity test (7/8/08) 7/25/08

Relinquished by: (signature)	DATE	TIME	Received by: (signature)	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: <u>4.0</u> °C. Dechlorinate the effluent sample if chlorine is detected.
	<u>7/7/08</u>	<u>11 25 AM</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	
	<u>7-8-08</u>	<u>09:00</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	

ARCADIS

Attachment D

NPDES Chronic Biomonitoring
Report July 2008

August 6, 2008

Mr. Jeffrey Nicholson
GE Corporate Environmental Programs
159 Plastics Avenue
Pittsfield, MA 01201

Re: NPDES Chronic Biomonitoring Report for July 2008
Submission #s: R2844841, R2844886 and R2844915

Dear Mr. Nicholson:

Enclosed is our report on the Chronic Whole Effluent Toxicity testing conducted in July 2008. The Outfall Composite samples were collected on 7/7/08 at 10:10 am, 7/9/08 at 9:05 am and 7/11/08 at 9:10 am. The Housatonic River samples were collected on 7/7/08 at 8:55 am, 7/9/08 at 8:30 am and 7/11/08 at 8:40 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: Jill Piskorz, 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
July 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
August 6, 2008**

TABLE OF CONTENTS

	<u>PAGE</u>
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 July 6-11, 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 July 6-7, July 8-9 and July 10-11. 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 July 7, 9 and 11 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 July 6-7, July 8-9 and July 10-11 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 =	75%
Effluent toxicity as LC ₅₀ =	>100%

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)	32.1	≥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.

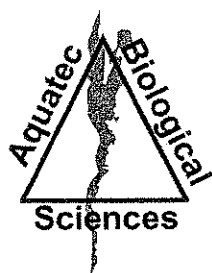
1. Outfall 001 is permitted to discharge storm water runoff from the oil/water separator in Building 31W to Silver Lake.
2. Outfall 004 is permitted to discharge storm water runoff to Silver Lake. (**Outfall plugged**)
3. Outfall 005 is permitted to discharge contact cooling water, non-contact cooling 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 July 6-11, 2008							
Aquatic Chronic Toxicity Results:				No Observed Effect Level (NOCEL) =		100%	
				LC50 =		>100%	
Chemical Analyses: (all results are mg/L unless otherwise indicated)							
		July 6-7	July 7	July 8-9	July 9	July 10-11	July 11
		Effluent	Housatonic	Effluent	Housatonic	Effluent	Housatonic
Parameter Tested	Laboratory	Composite	River	Composite	River	Composite	River
Ammonia	CAS	0.126	ND (0.0500)	0.182	ND (0.0500)	ND (0.0500)	ND (0.0500)
Chloride	CAS	207	15.5	169	16.3	210	16
Total Alkalinity	CAS	380	88.0	284	94.0	356	88.0
Total Organic Carbon	CAS	8.96	5.83	7.87	5.60	8.86	7.00
Total Phosphorus	CAS	ND (0.0500)	ND (0.0500)	ND (0.0500)	ND (0.0500)	ND (0.0500)	ND (0.0500)
Total Solids	CAS	748	132	596	149	713	136
Total Suspended Solids	CAS	ND (1.00)	1.50	3.20	1.30	ND (1.00)	3.80
Hardness	Aquatec	364	86	300	98	340	88
Spec. Conductance (umhos)	Aquatec	1332	228	1068	242	1273	218
pH (SU)	Aquatec	8.0	7.7	7.7	7.4	7.7	7.3
TRC (start of toxicity test)	Aquatec	ND	ND	ND	ND	ND	ND
Cyanide	CAS	0.0427	ND (0.0100)	0.0325	ND (0.0100)	0.0485	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	0.0244	0.0543	0.0578	0.0493	0.0267	0.105
Aluminum, dissolved	CAS	0.0209	NA	0.0358	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	0.00216	ND (0.00100)	0.00554	ND (0.00100)	0.00179	ND (0.00100)
Copper, dissolved	CAS	0.00183	NA	0.00354	NA	0.00149	NA
Lead, total	CAS	ND (0.000500)	ND (0.000500)	0.00109	ND (0.000500)	0.000413	0.000446
Lead, dissolved	CAS	ND (0.000500)	NA	ND (0.000500)	NA	0.0000555	NA
Nickel, total	CAS	0.00258	ND (0.00100)	0.00248	ND (0.00100)	0.00244	ND (0.00100)
Nickel, dissolved	CAS	0.00228	NA	0.00213	NA	0.00229	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	0.0084	ND (0.00500)	0.0121	ND (0.00500)	0.0100	ND (0.00500)
Zinc, dissolved	CAS	0.0157	NA	0.0374	NA	0.0212	NA
pH (SU)	OB&G	7.72	7.46	7.60	7.36	7.79	7.61
Hardness	Aquatec	364	86	300	98	340	88
NA – Not analyzed							

APPENDIX 1

Chemical and Acute Toxicity Data


Aquatec Biological Sciences



Aquatec Biological Sciences

 Ecology

 Environmental Toxicology

 Natural Resource Assessments

 Microbiology

August 5, 2008

Mr. Carl Beechler
Columbia Analytical Services,
1 Mustard Street – Suite 250
Rochester, NY 14609

Dear Mr. Beechler:

Enclosed please find one bound and one unbound copies of our report of the results for chronic whole effluent toxicity testing of samples received from GE Pittsfield, Massachusetts during July 2008.

According to the Chain-of-Custody documentation, samples for Whole Effluent Toxicity (WET) Testing were collected on July 7, 9, and 11, 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 July 8, 2008, within the specified holding time.

At the conclusion of the toxicity test on July 14, 2008, a final count of surviving organisms and offspring (neonates) was completed. The average survival was 100 percent in all test concentrations. Acute toxicity or chronic to *Ceriodaphnia dubia* was not detected, with the 48-hour LC50 reported as >100% effluent and the Chronic No-Observed-Effect Concentration (C-NOEC) reported as 75% resulting from a statistically significant reduction in reproduction in the 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 - 60

**Chronic Whole Effluent Toxicity Testing
Of Wastewaters Discharged from
The General Electric Plant
Pittsfield, Massachusetts**

Samples Collected in July 2008

Submitted to:
**General Electric
Area Environmental & Facility Programs
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201**

SDG number: 11304

Effluent ID: Outfall Composite A9122C Aquatec sample number: 37592
Effluent ID: Outfall Composite A9130C Aquatec sample number: 37611
Effluent ID: Outfall Composite A9143C Aquatec sample number: 37642

Receiving water ID: Housatonic River A9123R Aquatec sample number: 37593
Receiving water ID: Housatonic River A9131R Aquatec sample number: 37612
Receiving water ID: Housatonic River A9144R Aquatec sample number: 37643
Study Director: John Williams

July 28, 2008

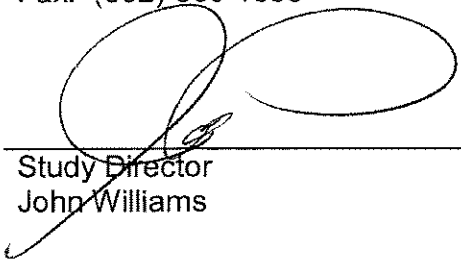
Submitted by:
**Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, Vermont 05454
Phone: (802) 860-1638 Fax: (802) 860-1638**

Accreditation: NH Environmental Laboratory Accreditation Program
NELAP / NELAC accredited for the requested analysis.

Signatures and Approval

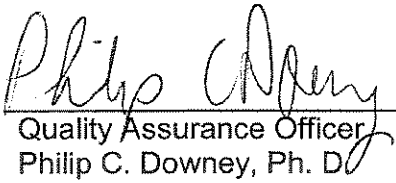
Submitted by:

Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, Vermont 05454
Phone: (802) 860-1638
Fax: (802) 860-1638



Study Director
John Williams

8/5/08
Date




Quality Assurance Officer
Philip C. Downey, Ph. D.

8/5/08
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: July 28, 2008



Authorized signature

John Williams

Name

Manager, Environmental Toxicology

Title

Aquatec Biological Sciences, Inc.

Laboratory

Table of Contents

	Page
Signatures and Approval	2
Whole Effluent Toxicity Test Report Certification	3
List of Tables	5
Summary of Chronic Toxicity Test With <i>Ceriodaphnia dubia</i>	6
1.0 Introduction	
1.1 Background	7
1.2 Objective of the General Electric Study	7
2.0 Materials and Methods	
2.1 Protocol	7
2.2 Effluent and receiving water samples	8
2.3 Control water	8
2.4 Test organism	8
2.5 Test procedure	9
2.6 Test monitoring	9
2.7 Reference toxicant test	10
3.0 Statistics	
3.1 Statistical protocol	10
4.0 Results	
4.1 Effluent toxicity test	10
4.2 Reference toxicant test	11
5.0 Qualifiers	
5.1 Qualifiers and Special Conditions	11
References	12
<hr/>	
Appendix 1	Chain-of-Custody Documentation
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>Ceriodaphnia dubia</i> Chronic Toxicity Test
Appendix 5	Standard Reference Toxicant test Control Chart
Appendix 6	TOX2-002, Standard Operating Procedure for Daphnid (<i>Ceriodaphnia dubia</i>) Survival and Reproduction Toxicity Test

List of Tables

		Page
Table 1a	Results of the characterization and analysis of the General Electric Pittsfield Plant effluent and the dilution water (Housatonic River): Initial Samples	13
Table 1b	Results of the characterization and analysis of the General Electric Pittsfield Plant effluent and the dilution water (Housatonic River): Renewal Samples	13
Table 1c	Results of the characterization and analysis of the General Electric Pittsfield Plant effluent and the dilution water (Housatonic River): Renewal Samples	13
Table 2	The water quality measurements recorded during the short-term chronic toxicity test for <i>Ceriodaphnia dubia</i> exposed to General Electric Pittsfield Plant effluent	14
Table 3	Summary of mean survival and reproduction recorded during the 7-day short-term chronic toxicity test for <i>Ceriodaphnia dubia</i> exposed to General Electric Pittsfield Plant effluent	15

**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., July 23002. Method 1002.0
Aquatec SDG:	11304
Test material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE sample ID:	Outfall Composite A9122C Outfall Composite A9130C Outfall Composite A9143C
Dilution water:	Water from the Housatonic River (grab sample)
GE sample ID:	Housatonic River A9123R Housatonic River A9131R Housatonic River A89144R
Dates collected:	July 7, 9, and 11, 2008
Date received:	July 8, 10, and 12, 2008
Test dates:	July 8-14, 2008
Test concentrations:	100%, 75%, 50%, 25%, 12.5%, 6.25% effluent. Dilution water control (Housatonic River) Laboratory control 1 (culture water) Laboratory control 2 (culture water with sodium thiosulfate)

Acute Toxicity Values

Species	Exposure Period	48-hour LC50 (% effluent)	A-NOAC (% effluent)
<i>Ceriodaphnia dubia</i>	48 hours	>100%	>100%

Chronic Toxicity Values

Species	Endpoint	Exposure Period	C-NOEC (% effluent)	C-LOEC (% effluent)
<i>Ceriodaphnia dubia</i>	Survival	6 – 7 days	100%	>100%
<i>Ceriodaphnia dubia</i>	Reproduction	6 – 7 days	75%	100%

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 July 8-14, 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 Revision 6, April 23, 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., July 2002, Method 1002.0 (as summarized in Appendix 2 of this report). A copy of the revised SOP is attached. (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 July 6-7, 2008 (initial sample); July 8-9, 2008 (first renewal sample), and July 10-11, 2008 (second renewal sample). Receiving water samples were grab samples collected from the Housatonic River on July 7, 9, and 11, 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: pH (7.7); dissolved oxygen (8.5 mg/L); conductivity (189 uS/cm). An additional dechlorination control (laboratory water with 0.25 N sodium thiosulfate added) was included in the test array, even though chlorine was not detected in the effluent sample.

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 five 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 (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.

The Chronic-No-Observable-Effect Concentration (C-NOEC) was determined based on the end-of-test survival and reproduction data using multiple comparison tests (CETIS), 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 23.9°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.

Acute toxicity was not demonstrated during this evaluation. The 48-hour LC50 value was >100% effluent. The Acute No-Observed Effect Concentration (A-NOEC) was 100% effluent. The Chronic No-Observed Effect Concentration (C-NOEC) value was 75% effluent. And the Chronic Lowest-Observed Effect Concentration (C-LOEC) was 100% effluent resulting from a statistically significant reduction in reproduction in the 100% effluent.

4.2 Reference Toxicant Test

The most recent standard reference toxicant (SRT) test, conducted in July 2008, had a resulting 48-hour LC50 of 2.195 g NaCl/L and a chronic IC25 of 0.969 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 A9122C	OUTFALL COMPOSITE A9130C	OUTFALL COMPOSITE A9143C
Temperature	25.0	25.6	25.3
pH	8.0	7.7	7.7
Alkalinity (as CaCO ₃), mg/L	336	256	324
Hardness (as CaCO ₃), mg/L	364	300	340
Dissolved oxygen, mg/L	8.8	8.9	8.8
Specific conductivity, uS/cm	1332	1068	1273
Total residual chlorine (mg/L)	ND	ND	ND
Parameter	Housatonic River A9123R	Housatonic River A9131R	Housatonic River A9144R
Temperature	24.8	25.6	24.8
pH	7.7	7.4	7.3
Alkalinity (as CaCO ₃), mg/L	76	84	76
Hardness (as CaCO ₃), mg/L	86	98	88
Dissolved oxygen, mg/L	8.8	8.8	8.9
Specific conductivity, uS/cm	228	242	218
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, July 8 - 14, 2008.

Test Concentration (% effluent)	pH	Dissolved Oxygen (mg/L)	Temperature (°C)	Conductivity (umhos/cm)
Lab Control	7.1 – 7.7	7.9 – 8.6	24.0 – 25.3	189 – 232
Reference Control	7.2 – 7.7	7.8 – 9.1	24.0 – 25.6	218 – 252
6.25%	7.4 – 7.8	7.8 – 9.2	23.9 – 25.6	296 – 309
12.5%	7.5 – 7.9	7.8 – 9.2	24.0 – 25.6	352 – 382
25%	7.5 – 8.1	7.8 – 9.1	24.0 – 25.6	458 – 525
50%	7.6 – 8.3	7.7 – 9.1	24.0 – 25.5	667 – 801
75%	7.6 – 8.3	8.1 – 9.1	24.0 – 25.6	867 – 1067
100%	7.7 – 8.2	7.7 – 9.0	24.1 – 25.8	1032 – 1332

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, July 8-14, 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	100	100	100	100	100	-

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, July 8-14, 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	10	53	116	176	-	35.5
Reference Control	0	0	6	67	97	151	-	32.1
6.25%	0	0	13	56	127	160	-	35.6
12.5%	0	0	11	66	123	179	-	37.9
25%	0	0	15	41	130	167	-	35.3
50%	0	0	7	62	113	164	-	34.6
75%	0	0	8	55	101	149	-	31.3
100%	0	0	13	52	67	142	-	27.4

Lab Control = a mix of natural river water and moderately hard water.

Dilution Control = receiving water (Housatonic River).

Appendix 1
Chain-of-Custody Documentation



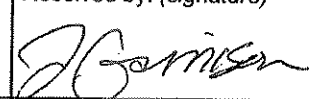
Aquatec Biological Sciences

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: <u>General Electric Company</u>	Project Name: <u>GE PITTSFIELD</u>	Carrier: <u>PRIORITY EXPRESS</u>	4°C	4°C	4°C	4°C	4°C	4°C
Address: <u>O'Brien & Gere</u> <u>1000 East Street, Gate 64</u>	Outfall Composite - INITIAL SAMPLE	Airbill Number: <u> </u>	—	—	H ₂ SO ₄	H ₂ SO ₄	—	HNO ₃
City/State/Zip: <u>Pittsfield, MA 01201</u>	Project Number: <u>08008</u>	Date Shipped: <u>7/7/08</u>	Plastic	Plastic	Plastic	Glass	Glass	Plastic
Telephone: <u>(413) 494-6709</u>	Sampler Name(s): <u>SEAN C. COYLE</u>	Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	—	—	—	—	—	—
Facsimile: <u>(413) 494-7052</u>	NPDES Permit #: <u>MA0003891</u>		1 gal	1/2 gal	1 L	40 ml	40 mL	0.5 L
Contact Name: <u>Sean Coyle</u>	Ship these samples on Monday.							
	Quote #: <u>10/05</u> Client Code: <u>GEPITTS</u>							

SAMPLE IDENTIFICATION	COLLECTION		GRAB	COMPOSITE	MATRIX	ANALYSIS	NUMBER OF CONTAINERS								
	DATE	TIME													
Outfall Composite A9122C	7/7/08	10:10 AM		X	Effluent	<i>Ceriodaphnia dubia</i> chronic survival and reproduction (EPA Method 1002.0) Initial sample	1								
Housatonic River A9123R	7/7/08	8:55 AM	X		Receiving	Dilution Water	2								

Relinquished by: (signature)	DATE	TIME	Received by: (signature)	<p>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.</p> <p>Notes to Lab: Ambient cooler temperature: 4.0 °C. Dechlorinate the effluent sample if chlorine is detected.</p>
	7/7/08	11:35 AM		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	
	7-8-08	09:00		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	



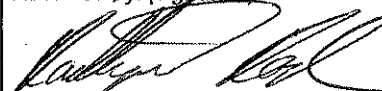
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273 Commerce Street
 Williston, VT 05495
 TEL: (802) 860-1638
 FAX: (802) 658-3189

COMPANY INFORMATION	COMPANY'S PROJECT INFORMATION	SHIPPING INFORMATION	VOLUME/CONTAINER TYPE/PRESERVATIVE					
Name: <u>General Electric Company</u>	Project Name: <u>GE PITTSFIELD</u>	Carrier: <u>PRIORITY EXPRESS</u>	4°C	4°C	4°C	4°C	4°C	4°C
Address: <u>O'Brien & Gere</u> <u>1000 East Street, Gate 64</u>	Outfall Composite – RENEWAL SAMPLE	Airbill Number: <u> </u>	—	—	H ₂ SO ₄	H ₂ SO ₄	—	HNO ₃
City/State/Zip: <u>Pittsfield, MA 01201</u>	Project Number: <u>08008</u>	Date Shipped: <u>7/9/08</u>	Plastic	Plastic	Plastic	Glass	Glass	Plastic
Telephone: <u>(413) 494-6709</u>	Sampler Name(s): <u>SEAN COYLE</u>	Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	—	—	—	—	—	—
Facsimile: <u>(413) 494-7052</u>	NPDES Permit #: <u>MA0003891</u>		1 gal	1/2 gal	1 L	40 ml	40 mL	0.5 L
Contact Name: <u>Sean Coyle</u>	Ship these samples on <u>Wednesday</u> .							
	Quote #: <u>10/05</u> Client Code: <u>GEPITTS</u>							

SAMPLE IDENTIFICATION	COLLECTION		GRAB	COMPOSITE	MATRIX	ANALYSIS	NUMBER OF CONTAINERS								
	DATE	TIME													
Outfall Composite <u>A9130C</u>	<u>7/9/08</u>	<u>9:05 AM</u>		X	Effluent	Ceriodaphnia dubia chronic survival and reproduction (EPA Method 1002.0) – Renewal 1	1								
¹⁹ Housatonic River <u>A9131R</u>	<u>7/9/08</u>	<u>8:30 AM</u>	X		Receiving	Dilution Water	2								

Relinquished by: (signature)	DATE	TIME	Received by: (signature)	<p>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.</p> <p>Notes to Lab: Ambient cooler temperature: <u>1.7</u> °C. Dechlorinate the effluent sample if chlorine is detected.</p>
	<u>7/9/08</u>	<u>11:20 AM</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	
	<u>7/10/08</u>	<u>9:00</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	

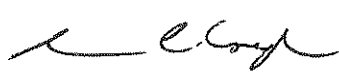


Aquatec Biological Sciences

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: <u>General Electric Company</u>	Project Name: <u>GE PITTSFIELD</u>	Carrier: <u>PRIORITY EXPRESS</u>	4°C	4°C	4°C	4°C	4°C	4°C
Address: <u>O'Brien & Gere</u> <u>1000 East Street, Gate 64</u>	Outfall Composite – RENEWAL SAMPLE	Airbill Number: <u> </u>	—	—	H ₂ SO ₄	H ₂ SO ₄	—	—
City/State/Zip: <u>Pittsfield, MA 01201</u>	Project Number: <u>08008</u>	Date Shipped: <u>7/11/08</u>	Plastic	Plastic	Plastic	Glass	Glass	Plastic
Telephone: <u>(413) 494-6709</u>	Sampler Name(s): <u>SEAN C. COYLE</u>	Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	—	—	—	—	—	—
Facsimile: <u>(413) 494-7052</u>	NPDES Permit #: <u>MA0003891</u>		1 gal	1/2 gal	1 L	40 ml	40 mL	0.5 L
Contact Name: <u>Sean Coyle</u>	Ship these samples on Friday.							
	Quote #: <u>10/05</u> Client Code: <u>GEPITTS</u>							

SAMPLE IDENTIFICATION	COLLECTION		GRAB	COMPOSITE	MATRIX	ANALYSIS	NUMBER OF CONTAINERS								
	DATE	TIME													
Outfall Composite <u>A9143C</u>	<u>7/11/08</u>	<u>9:10 AM</u>		<u>X</u>	Effluent	<u>Ceriodaphnia dubia chronic survival and reproduction (EPA Method 1002.0) – Renewal 2</u>	2								
<u>20</u> Housatonic River <u>A9144R</u>	<u>7/11/08</u>	<u>8:40 AM</u>	<u>X</u>		Receiving	<u>Dilution Water</u>	2								

Relinquished by: (signature) 	DATE <u>7/11/08</u>	TIME <u>12:45 PM</u>	Received by: (signature) 	<p>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.</p> <p>Notes to Lab: Ambient cooler temperature: <u>29</u> °C. Dechlorinate the effluent sample if chlorine is detected.</p>
Relinquished by: (signature)	DATE <u>7/12/08</u>	TIME <u>8:45</u>	Received by: (signature) 	
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	

Appendix 2 Summary of Test Conditions

Client: CAS / GE PITTSFIELD

Test #: 56902

SDG: 11304

Test Description: Daphnid, *Ceriodaphnia dubia* acute / chronic survival and reproduction

ASSOCIATED PROTOCOL: EPA 1994. *Short Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms.* (EPA/600/4-91/002) Method 1002.0

1. Test type:	Static, daily renewal
2. Test temperature:	25 ± 1°C
3. Light quality:	Ambient laboratory illumination
4. Photoperiod:	16 hr. light, 8 hr. dark
5. Test chamber size:	30 ml
6. Test solution volume:	15-20 ml / replicate
7. Renewal of test concentrations:	Daily
8. Age of test organisms:	Less than 24 h, released within an 8 hr. period
9. No. organisms / test chamber:	1
10. No. of replicate chambers / concentration:	10
11. No. of organisms / concentration:	10
12. Feeding regime:	0.1 ml each of YTC and algal suspension daily
13. Cleaning:	Transfer to new test solution and test chamber daily
14. Aeration:	None
15. Dilution water:	Receiving water
16. Test concentrations:	6.25, 12.5, 25, 50, 75, 100% effluent
17. Laboratory control:	1:1 Lamoille R. / MHW as additional control. Sodium thiosulfate in Lamoille R. / MHW as additional control
18. Test duration:	Until 60% of control females have three broods
19. Monitoring:	Daily temperature, dissolved oxygen, pH, and conductivity. Hardness, alkalinity on each new sample. Biological monitoring daily
19. End points:	Survival (Days 2 and end of test) and reproduction (end of test)
20. Reference toxicant test:	Sodium chloride LC50 / IC25
21. Test acceptability (control performance):	80% or greater survival and an average of 15 or more young/female. At least 60% of surviving females must have produced third brood
22. Data interpretation:	Acute: 48-h LC50 (point estimate); A-NOEC Chronic: C-NOEC by hypothesis test statistics compared to the Lab Control using CETIS

Aquatec Biological Sciences Williston, Vermont

Reviewed by: J Date: 7/25/08

22

GE TOX FORMS Cd

Appendix 3
U.S. EPA Region 1 Toxicity Test Summary and
Statistical Flow Chart

TOXICITY TEST SUMMARY SHEET

Facility Name: Outfall Composite A9122C

Test Start Date: 07/8/08

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 0.04 mg/L)	Composite

Dilution Water: Receiving water (Housatonic River)

Receiving Water: Housatonic River

Effluent Sampling Dates: July 7, July 9, and July 11, 2008

Concentrations Tested: 0 5.0 15 35 50 75 100 Control 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: 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: 32.1 (neonates)

B. Receiving water Control

See above data.

C. Lab Control:

Mean Control Survival: 100 (%) Mean Control Reproduction: 35.5 (neonates)

D. Thiosulfate Control: No

Test variability: Test PMSD (reproduction): 14.1%

	Limits (%)		Results (%)
LC50	NA	48-Hour LC50	>100
		Upper Value	--
		Lower Value	--
		Data Analysis Method	Dunnett's Multiple Comparison Test
A-NOEC	NA	48-hour A-NOEC	100
C-NOEC	NA	C-NOEC	75
		LOEC	100
IC25	NA	IC25	--
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 statistically equivalent reproduction for all concentrations with the exception of a very slight, but statistically significant reduction in reproduction in the 100% effluent. Since the PMSD was 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

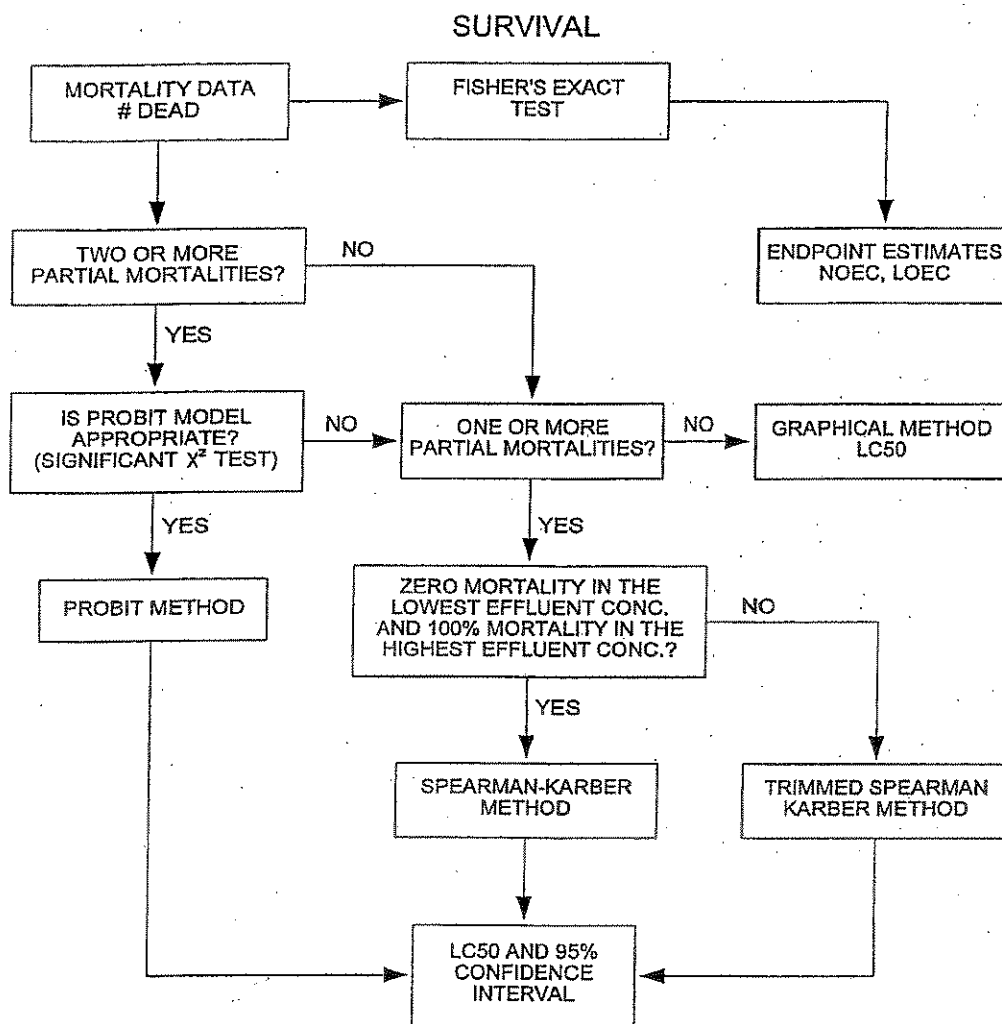


Figure 4. Flowchart for statistical analysis of the daphnid, *Ceriodaphnia dubia*, survival data.

STATISTICAL ANALYSIS OF CERIODAPHNIA SURVIVAL AND REPRODUCTION TEST

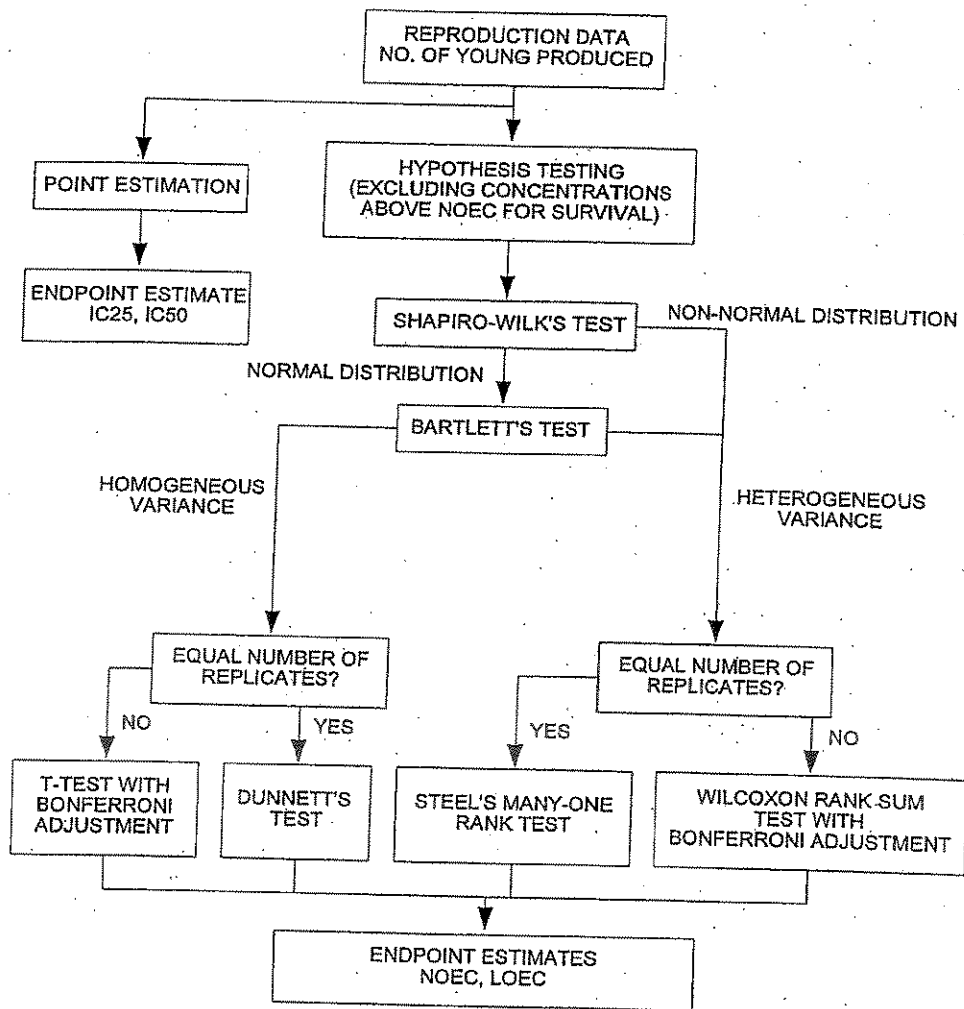


Figure 6.

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: 22 Jul-08 10:53 (p 1 of 2)
 Link/Link Code: 21-2392-2031/56902

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Test Run No: 13-4896-1280	Test Type: Reproduction-Survival (7d)	Analyst:
Start Date: 08 Jul-08 11:20	Protocol: EPA/821/R-02-013 (2002)	Diluent: Receiving Water
Ending Date: 14 Jul-08 10:15	Species: Ceriodaphnia dubia	Brine:
Duration: 5d 23h	Source: In-House Culture	Age: <24h
Sample No: 20-4316-6813	Code: 11304	Client: GE Pittsfield
Sample Date: 07 Jul-08 10:10	Material: POTW Effluent	Project: WET Monthly Compliance Test (JUL)
Receive Date: 08 Jul-08 09:00	Source: NPDES Permit # MA0003891 (GE PITTS)	
Sample Age: 25h (4 °C)	Station: GE Pittsfield	

Comparison Summary

Analysis No	Endpoint	NOEL	LOEL	TOEL	PMSD	Method
12-6112-4382	2d Survival Rate	100	> 100	N/A	N/A	Fisher Exact/Bonferroni-Holm Test
13-8168-6720	7d Survival Rate	100	> 100	N/A	N/A	Fisher Exact/Bonferroni-Holm Test
18-8004-3584	Reproduction	75	100	86.6025	14.09%	Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis No	Endpoint	Effect-%	Conc-%	95% LCL	95% UCL	Method
11-3566-3551	2d Survival Rate	5	> 100	N/A	N/A	Linear Interpolation (ICPIN)
		10	> 100	N/A	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	
07-8170-7150	Reproduction	5	58.608	21.5051	77.3705	Linear Interpolation (ICPIN)
		10	71.9508	51.8146	83.7586	
		15	83.7099	65.9291	96.1492	
		20	95	77.963	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
13-8168-6720	7d Survival Rate	Control Resp	1	0.8 - NL	Yes	Passes acceptability criteria
07-8170-7150	Reproduction	Control Resp	32.1	15 - NL	Yes	Passes acceptability criteria
18-8004-3584	Reproduction	Control Resp	32.1	15 - NL	Yes	Passes acceptability criteria
18-8004-3584	Reproduction	PMSD	0.14094	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	1	1	1	1	1	0	0	0.0%	0.0%

J 7/25/08

CETIS Summary Report

Report Date: 22 Jul-08 10:53 (p 2 of 2)
 Link/Link Code: 21-2392-2031/56902

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

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	1	1	1	1	1	0	0	0.0%	0.0%

Reproduction Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Dilution Water	10	32.1	30.3096	33.8904	24	38	0.875384	4.79467	14.94%	0.0%
0	Lab Water	10	35.5	34.548	36.452	32	40	0.465475	2.54951	7.18%	-10.59%
6.25		10	35.6	33.7438	37.4562	27	44	0.907581	4.97103	13.96%	-10.9%
12.5		10	37.9	36.8373	38.9627	33	41	0.519615	2.84605	7.51%	-18.07%
25		10	35.3	33.6112	36.9888	28	41	0.825743	4.52278	12.81%	-9.97%
50		10	34.6	33.2229	35.9771	30	40	0.6733	3.68782	10.66%	-7.79%
75		10	31.3	29.5218	33.0782	23	39	0.86944	4.76212	15.21%	2.49%
100		10	27.4	25.8138	28.9862	21	35	0.775552	4.24788	15.5%	14.64%

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		1	1	1	1	1	1	1	1	1	1

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		1	1	1	1	1	1	1	1	1	1

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	32	33	38	32	37	24	32	24	36	33
0	Lab Water	36	37	33	40	38	33	34	35	32	37
6.25		34	32	38	37	33	38	41	32	44	27
12.5		33	33	40	40	38	39	37	41	38	40
25		40	34	37	28	37	34	40	33	41	29
50		30	35	31	38	39	31	40	32	33	37
75		34	29	23	30	28	28	39	31	34	37
100		26	35	21	29	29	24	26	24	27	33

CETIS Analytical Report

Report Date: 22 Jul-08 10:53 (p 1 of 2)
 Link/Link Code: 21-2392-2031/56902

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Analysis No: 18-8004-3584	Endpoint: Reproduction	CETIS Version: CETISv1.6.4
Analyzed: 22 Jul-08 10:52	Analysis: Parametric-Control vs Treatments	Official Results: Yes
Test Run No: 13-4896-1280	Test Type: Reproduction-Survival (7d)	Analyst:
Start Date: 08 Jul-08 11:20	Protocol: EPA/821/R-02-013 (2002)	Diluent: Receiving Water
Ending Date: 14 Jul-08 10:15	Species: Ceriodaphnia dubia	Brine:
Duration: 5d 23h	Source: In-House Culture	Age: <24h
Sample No: 20-4316-6813	Code: 11304	Client: GE Pittsfield
Sample Date: 07 Jul-08 10:10	Material: POTW Effluent	Project: WET Monthly Compliance Test (JUL)
Receive Date: 08 Jul-08 09:00	Source: NPDES Permit # MA0003891 (GE PITTS)	
Sample Age: 25h (4 °C)	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	14.09%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Dilution Water		6.25	-1.81204	2.34227	4.52416	0.9993	Non-Significant Effect
		12.5	-3.00281	2.34227	4.52416	1.0000	Non-Significant Effect
		25	-1.66672	2.34227	4.52416	0.9988	Non-Significant Effect
		50	-1.29431	2.34227	4.52416	0.9956	Non-Significant Effect
		75	0.41418	2.34227	4.52416	0.7154	Non-Significant Effect
		100*	2.43331	2.34227	4.52416	0.0407	Significant Effect

Test Acceptability

Attribute	Test Stat	Acceptability Limits	Overlap	Decision
Control Resp	32.1	15 - NL	Yes	Passes acceptability criteria
PMSD	0.14094	0.13 - 0.47	Yes	Passes acceptability criteria

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	722.1714	120.3619	6	6.45235	0.0000	Significant Effect
Error	1175.2	18.65397	63			
Total	1897.371	139.0159	69			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	3.50334	16.8119	0.7435	Equal Variances
Distribution	Shapiro-Wilk Normality	0.982581		0.4398	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	32.1	30.2762	33.9238	24	38	0.890348	4.79467	14.94%	0.0%
6.25		10	35.6	33.7091	37.4909	27	44	0.923097	4.97103	13.96%	-10.9%
12.5		10	37.9	36.8174	38.9826	33	41	0.528498	2.84605	7.51%	-18.07%
25		10	35.3	33.5796	37.0204	28	41	0.83986	4.52278	12.81%	-9.97%
50		10	34.6	33.1972	36.0028	30	40	0.684811	3.68782	10.66%	-7.79%
75		10	31.3	29.4886	33.1114	23	39	0.884303	4.76212	15.21%	2.49%
100		10	27.4	25.7842	29.0158	21	35	0.788811	4.24788	15.5%	14.64%

J 7/25/08

CETIS Analytical Report

Report Date: 22 Jul-08 10:53 (p 2 of 2)
 Link/Link Code: 21-2392-2031/56902

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

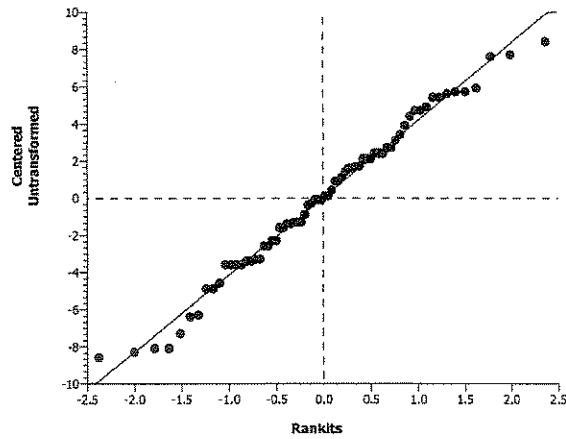
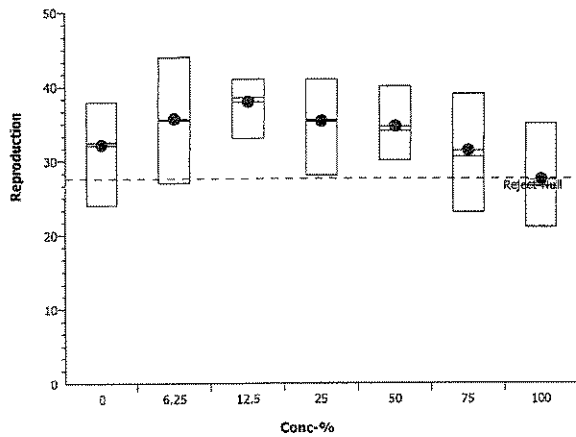
Analysis No: 18-8004-3584 Endpoint: Reproduction
 Analyzed: 22 Jul-08 10:52 Analysis: Parametric-Control vs Treatments

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	38	37	36	33	33	32	32	32	24	24
6.25		44	41	38	38	37	34	33	32	32	27
12.5		41	40	40	40	39	38	38	37	33	33
25		41	40	40	37	37	34	34	33	29	28
50		40	39	38	37	35	33	32	31	31	30
75		39	37	34	34	31	30	29	28	28	23
100		35	33	29	29	27	26	26	24	24	21

Graphics



J 7/15/08

CETIS Analytical Report

Report Date: 22 Jul-08 10:53 (p 1 of 4)
 Link/Link Code: 21-2392-2031/56902

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Analysis No: 11-3566-3551	Endpoint: 2d Survival Rate	CETIS Version: CETISv1.6.4
Analyzed: 22 Jul-08 10:52	Analysis: Linear Interpolation (ICPIN)	Official Results: Yes
Test Run No: 13-4896-1280	Test Type: Reproduction-Survival (7d)	Analyst:
Start Date: 08 Jul-08 11:20	Protocol: EPA/821/R-02-013 (2002)	Diluent: Receiving Water
Ending Date: 14 Jul-08 10:15	Species: Ceriodaphnia dubia	Brine:
Duration: 5d 23h	Source: In-House Culture	Age: <24h
Sample No: 20-4316-6813	Code: 11304	Client: GE Pittsfield
Sample Date: 07 Jul-08 10:10	Material: POTW Effluent	Project: WET Monthly Compliance Test (JUL)
Receive Date: 08 Jul-08 09:00	Source: NPDES Permit # MA0003891 (GE PITTS)	
Sample Age: 25h (4 °C)	Station: GE Pittsfield	

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	57951	200	Yes	Two-Point Interpolation

Point Estimates

Effect-%	Conc-%	95% LCL	95% UCL
5	> 100	N/A	N/A
10	> 100	N/A	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

2d Survival Rate Summary

Calculated Variate(A/B)

Conc-%	Control Type	Count	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	1	1	1	0	0	0.0%	0.0%	10	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	1	1	1	1	1	1	1	1

CETIS Analytical Report

Report Date: 22 Jul-08 10:53 (p 2 of 4)
Link/Link Code: 21-2392-2031/56902

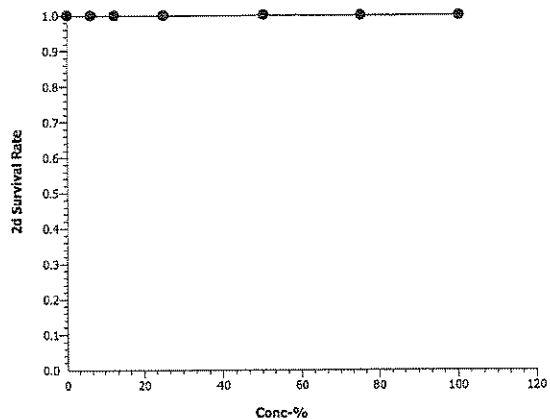
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Analysis No: 11-3566-3551 Endpoint: 2d Survival Rate
Analyzed: 22 Jul-08 10:52 Analysis: Linear Interpolation (CPIN)

CETIS Version: CETISv1.6.4
Official Results: Yes

Graphics



CETIS Analytical Report

Report Date: 22 Jul-08 10:53 (p 3 of 4)
 Link/Link Code: 21-2392-2031/56902

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Analysis No: 07-8170-7150	Endpoint: Reproduction	CETIS Version: CETISv1.6.4
Analyzed: 22 Jul-08 10:52	Analysis: Linear Interpolation (ICPIN)	Official Results: Yes
Test Run No: 13-4896-1280	Test Type: Reproduction-Survival (7d)	Analyst:
Start Date: 08 Jul-08 11:20	Protocol: EPA/821/R-02-013 (2002)	Diluent: Receiving Water
Ending Date: 14 Jul-08 10:15	Species: Ceriodaphnia dubia	Brine:
Duration: 5d 23h	Source: In-House Culture	Age: <24h
Sample No: 20-4316-6813	Code: 11304	Client: GE Pittsfield
Sample Date: 07 Jul-08 10:10	Material: POTW Effluent	Project: WET Monthly Compliance Test (JUL)
Receive Date: 08 Jul-08 09:00	Source: NPDES Permit # MA0003891 (GE PITTS)	
Sample Age: 25h (4 °C)	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	32.1	15 - NL	Yes	Passes acceptability criteria

Point Estimates

Effect-%	Conc-%	95% LCL	95% UCL
5	58.608	21.5051	77.3705
10	71.9508	51.6146	83.7586
15	83.7099	65.9291	96.1492
20	95	77.963	N/A
25	> 100	N/A	N/A
40	> 100	N/A	N/A
50	> 100	N/A	N/A

Reproduction Summary

Calculated Variate

Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Dilution Water	10	32.1	24	38	0.875384	4.79467	14.94%	0.0%
6.25		10	35.6	27	44	0.907581	4.97103	13.96%	-10.9%
12.5		10	37.9	33	41	0.519615	2.84605	7.51%	-18.07%
25		10	35.3	28	41	0.825743	4.52278	12.81%	-9.97%
50		10	34.6	30	40	0.6733	3.68782	10.66%	-7.79%
75		10	31.3	23	39	0.86944	4.76212	15.21%	2.49%
100		10	27.4	21	35	0.775552	4.24788	15.5%	14.64%

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	32	33	38	32	37	24	32	24	36	33
6.25		34	32	38	37	33	38	41	32	44	27
12.5		33	33	40	40	38	39	37	41	38	40
25		40	34	37	28	37	34	40	33	41	29
50		30	35	31	38	39	31	40	32	33	37
75		34	29	23	30	28	28	39	31	34	37
100		26	35	21	29	29	24	26	24	27	33

J 7/25/08

CETIS Analytical Report

Report Date: 22 Jul-08 10:53 (p 4 of 4)
Link/Link Code: 21-2392-2031/56902

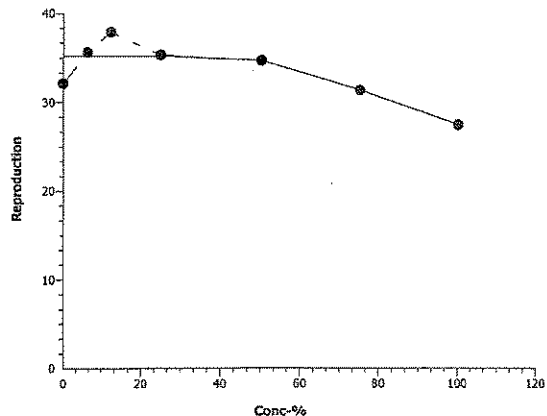
Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Analysis No: 07-8170-7150 Endpoint: Reproduction
Analyzed: 22 Jul-08 10:52 Analysis: Linear Interpolation (ICPIN)

CETIS Version: CETISv1.6.4
Official Results: Yes

Graphics



J 7/28/08

CETIS Analytical Report

Report Date: 22 Jul-08 10:53 (p 1 of 2)
 Link/Link Code: 21-2392-2031/56902

Ceriodaphnia 7-d Survival and Reproduction Test Aquatec Biological Sciences, Inc

Analysis No: 12-6112-4382 Endpoint: 2d Survival Rate CETIS Version: CETISv1.6.4
 Analyzed: 22 Jul-08 10:52 Analysis: STP 2x2 Contingency Tables Official Results: Yes

Test Run No: 13-4896-1280 Test Type: Reproduction-Survival (7d) Analyst:
 Start Date: 08 Jul-08 11:20 Protocol: EPA/821/R-02-013 (2002) Diluent: Receiving Water
 Ending Date: 14 Jul-08 10:15 Species: Ceriodaphnia dubia Brine:
 Duration: 5d 23h Source: In-House Culture Age: <24h

Sample No: 20-4316-6813 Code: 11304 Client: GE Pittsfield
 Sample Date: 07 Jul-08 10:10 Material: POTW Effluent Project: WET Monthly Compliance Test (JUL)
 Receive Date: 08 Jul-08 09:00 Source: NPDES Permit # MA0003891 (GE PITTS)
 Sample Age: 25h (4 °C) Station: GE Pittsfield

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed		C > T	Not Run	100	>100	N/A	1	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	1	1	Non-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		10	0	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	1	1	1	1	1	1	1	1

J 7/25/08

CETIS Analytical Report

Report Date: 22 Jul-08 10:53 (p 2 of 2)

Link/Link Code: 21-2392-2031/56902

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatec Biological Sciences, Inc

Analysis No: 12-6112-4382

Endpoint: 2d Survival Rate

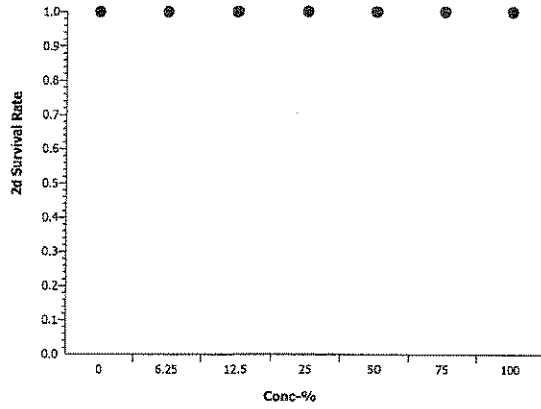
CETIS Version: CETISv1.6.4

Analyzed: 22 Jul-08 10:52

Analysis: STP 2x2 Contingency Tables

Official Results: Yes

Graphics



Day 3 Neonates

	1	2	3	4	5	6	7	8	9	10
Lab	6	0	0	0	0	0	0	0	0	4
RW	6	0	0	0	0	0	0	0	0	0
6.25	5	4	0	0	0	0	0	0	0	4
12.5	6	0	0	0	0	0	0	0	0	5
25	5	0	0	0	5	0	0	0	0	5
50	4	0	0	0	3	0	0	0	0	0
75	5	3	0	0	0	0	0	0	0	0
100	√4	√5	√4	√0	√0	√0	√0	√0	√0	√0

Day 4 Neonates

	1	2	3	4	5	6	7	8	9	10
Lab	2	6	8	8	9	0	7	5	6	2
RW	5	8	7	7	8	6	8	6	7	5
6.25	0	2	7	8	7	8	8	6	10	0
12.5	0	7	9	9	8	9	8	8	8	0
25	0	5	7	0	5	5	7	6	6	0
50	5	6	8	2	7	7	8	6	6	7
75	0	0	6	7	8	7	8	6	6	7
100	√5	√1	√1	√6	√8	√4	√6	√6	√7	√8

Day 5 Neonates

	1	2	3	4	5	6	7	8	9	10
Lab	12	13	10	12	11	14	11	12	10	11
RW	0	11	12	12	13	10	6	9	14	10
6.25	14	11	13	14	8	14	14	12	18	9
12.5	8	12	12	14	12	15	9	14	13	14
25	15	11	14	12	13	12	13	13	14	13
50	5	12	10	14	13	9	12	13	11	14
75	11	10	8	9	11	8	12	10	10	12
100	√0	√11	√10	√7	√8	√5	√6	√6	√5	√9

Day 6 Neonates

	1	2	3	4	5	6	7	8	9	10
Lab	16	18	15	20	18	19	16	18	16	20
RW	21	14	19	13	16	8	18	9	15	18
6.25	15	15	18	15	18	16	19	14	16	14
12.5	19	14	19	17	18	15	20	19	17	21
25	20	18	16	16	14	17	20	14	21	11
50	16	17	13	22	16	15	20	13	16	16
75	18	16	9	14	9	13	20	15	17	18
100	√17	√18	√6	√16	√13	√15	√14	√12	√15	√16

Day 7 Neonates

	1	2	3	4	5	6	7	8	9	10
Lab	0	0	0	0	0	0	0	0	0	0
RW	0	0	0	0	0	0	0	0	0	0
6.25	0	0	0	0	0	0	0	0	0	0
12.5	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0

7/25/08

Ceriodaphnia dubia Survival and Reproduction Data (Page 1 of 4)

Client: CAS / GE PITTSFIELD

Test #: 56902

SDG: 11304

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: 37592
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 #: 070108
25	0	0	0	0	0	0	0	0	0	0	YCT Lot #: 060508
50	0	0	0	0	0	0	0	0	0	0	Date/time/Init.
75	0	0	0	0	0	0	0	0	0	0	7-8-08
100	0	0	0	0	0	0	0	0	0	0	11:20 JG

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: 37592
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.
75	0	0	0	0	0	0	0	0	0	0	7-9-08
100	0	0	0	0	0	0	0	0	0	0	11:00 JG

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: 37611
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.
75	0	0	0	0	0	0	0	0	0	0	7-10-08
100	0	0	0	0	0	0	0	0	0	0	13:45 JG

0=original organism surviving, no young; D=original organism dead; #=# young released;
 *=lab-induced mortality. Receiving water is dilution water; Lab water is additional control.

Aquatec Biological Sciences Williston, Vermont

Reviewed by: 

Date: 7/25/08

Ceriodaphnia dubia Survival and Reproduction Data (Page 2 of 4)

Client: CAS / GE PITTSFIELD Test #: 56902 SDG: 11304

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	6	0	0	0	0	0	0	0	0	4	Day 3
Rec. Ctrl.	6	0	0	0	0	0	0	0	0	0	Sample: 37611
6.25	5	4	0	0	0	0	0	0	0	4	Fed Sel / YCT ✓
12.5	6	0	0	0	0	0	0	0	0	5	Sel Lot #: Same
25	5	0	0	0	5	0	0	0	0	5	YCT Lot #: Same
50	4	0	0	0	3	0	0	0	0	0	Date/time/Init. ¹⁰⁰ 7/11/08 10:30
75	5	3	0	0	0	0	0	0	0	0	
100	4	5	4	0	0	0	0	0	0	0	

Lab Ctrl	2	6	8	8	9	0	7	5	6	2	Day 4
Rec. Ctrl.	5	8	7	7	8	6	8	6	7	5	Sample: 37642
6.25	0	2	7	8	7	8	8	6	10	0	Fed Sel / YCT ✓
12.5	0	7	9	9	8	9	8	8	8	0	Sel Lot #: Same
25	0	5	7	0	5	5	7	6	6	0	YCT Lot #: Same
50	5	6	8	2	7	7	8	6	6	7	Date/time/Init. ¹⁰⁰ 7/12/08 13:20
75	0	0	6	7	8	7	7	6	7	7	
100	5	1	1	6	8	4	6	6	7	8	

Lab Ctrl	12	13	10	12	11	14	11	12	10	11	Day 5
Rec. Ctrl.	0	11	12	12	13	10	6	9	14	10	Sample: 37642
6.25	14	11	13	14	8	14	14	12	18	9	Fed Sel / YCT ✓
12.5	8	12	12	14	12	15	9	14	13	14	Sel Lot #: ¹⁰⁰ 07/12/08 Sel
25	15	11	14	12	13	12	13	13	14	13	YCT Lot #: Same
50	5	12	10	14	13	9	12	13	11	14	Date/time/Init. ¹⁰⁰ 7/13/08 10:25
75	11	10	8	9	11	8	12	10	10	12	
100	0	11	10	7	8	5	6	6	5	9	

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: 7/25/08

GE TOX FORMS Cd

Ceriodaphnia dubia Survival and Reproduction Data (Page 3 of 4)

Client: CAS / GE PITTSFIELD Test #: 56902 SDG: 11304

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	16	18	15	20	18	19	16	18	16	20	Day 6
Rec. Ctrl.	21	14	19	13	16	8	18	9	15	18	Sample: END
6.25	15	15	18	15	18	16	19	14	16	14	Fed Sel / YCT TEST
12.5	19	14	19	17	18	15	20	19	17	21	Sel Lot #: —
25	20	18	16	16	14	17	20	14	21	11	YCT Lot #: —
50	16	17	13	22	16	15	20	13	16	16	Date/time/Init. 7/14/08 12:15
75	18	16	9	14	9	13	20	15	17	18	
100	17	18	6	16	13	15	14	12	15	16	

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.

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)
6/30 A	7-7-08 12:00 JG	—————	—————	0701085eL
7/1 B	7-7-08 12:30 JG	—————	—————	060508YC
6/30 A	————— →	7-7-08 17:45 JG	16	✓
7/1 B	7-7-08 18:00 JG	—————	0	—————
6/30 A	7/7/08 20:43	7/7/08 -20:43	24	✓
7/1 B	7/7/08 20:49	—————	0	—————
6/30 A	7-8-08 08:45 JG	—————	—————	—————
7/1 B	7-8-08 08:30 JG	—————	—————	—————

Project Description / Test Use:

G.E.

cdcoll.doc

Water Chemistry Data

Client: CAS / GE PITTSFIELD	Test Description: <i>C. dubia</i> acute / chronic toxicity *	Test #: 56902	SDG: 11304
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INITIAL WATER CHEMISTRY DATA

Day:		0	1	2	3	4	5	6
Lab Contr 1:1 LR MHW	pH	7.7	7.3	7.3	7.4	7.1	7.1	/
	DO	8.5	8.2	8.3	8.4	8.6	8.3	/
	Temp.	24.3	24.5	24.0	24.0	24.1	24.8	/
	Conduct.	189	216	219	219	217	218	/
Rec. W Contr (Dil. Water)	pH	7.7	7.4	7.4	7.4	7.3	7.2	/
	DO	7.8.8	8.6	8.8	8.9	8.9	9.1	/
	Temp.	24.8	25.4	25.6	25.3	24.8	25.3	/
	Conduct.	228	228	242	243	218	218	/
6.25%	pH	7.8	7.6	7.4	7.5	7.5	7.4	/
	DO	8.7	8.7	8.7	8.9	8.9	9.2	/
	Temp.	24.7	24.8	25.6	25.3	24.8	25.3	/
	Conduct.	304	301	297	298	297	296	/
12.5%	pH	7.78	7.7	7.5	7.5	7.5	7.5	/
	DO	8.8	8.6	8.7	8.9	9.0	9.2	/
	Temp.	24.7	25.1	25.6	25.4	24.8	25.3	/
	Conduct.	375	373	352	354	367	367	/
25%	pH	7.9	7.9	7.5	7.6	7.6	7.6	/
	DO	8.9	8.6	8.7	8.8	8.9	9.1	/
	Temp.	24.7	25.2	25.6	25.4	24.7	25.3	/
	Conduct.	519	513	458	463	503	502	/
50%	pH	7.9	7.9	7.6	7.7	7.7	7.7	/
	DO	8.8	8.6	8.8	8.8	8.9	9.1	/
	Temp.	24.8	25.3	25.5	25.5	24.8	25.3	/
	Conduct.	801	795	668	667	768	766	/
75%	pH	8.0	8.1	7.6	7.8	7.7	7.8	/
	DO	8.8	8.4	8.8	8.7	8.9	9.1	/
	Temp.	24.8	25.3	25.5	25.6	25.0	25.4	/
	Conduct.	1067	1049	867	867	1011	1021	/
100%	pH	8.0	8.1	7.7	7.9	7.7	7.9	/
	DO	8.8	8.2	8.9	8.7	8.8	9.0	/
	Temp.	25.0	25.5	25.6	25.8	25.3	25.4	/
	Conduct.	1332	1304	1068	1066	1273	1268	/
Sample #		37592	37592	37642	37642	37642	37642	37642
Init./Date		5/18/08	5/19	5/20	5/21	5/22	5/23	

FINAL WATER CHEMISTRY DATA

	1	2	3	4	5	6	7
	7.3	7.3	7.4	7.2	7.1	7.6	/
	8.4	7.9	8.4	8.2	8.2	8.2	/
	24.6	24.7	24.5	24.7	25.2	25.3	/
	218	225	223	232	229	229	/
	7.5	7.4	7.6	7.6	7.4	7.7	/
	8.3	7.8	8.3	8.1	8.1	8.1	/
	24.5	24.5	24.0	24.8	25.1	25.1	/
	234	235	249	252	233	232	/
	7.6	7.6	7.7	7.8	7.6	7.8	/
	8.3	7.8	8.3	8.1	8.1	8.1	/
	24.4	24.5	23.9	24.8	25.1	25.0	/
	308	309	304	307	305	300	/
	7.7	7.7	7.8	7.9	7.8	7.9	/
	8.3	7.8	8.3	8.1	8.0	8.1	/
	24.4	24.4	24.0	24.8	25.1	24.9	/
	376	382	366	366	377	372	/
	7.8	7.9	7.9	8.0	8.0	8.1	/
	8.2	7.8	8.3	8.1	8.0	8.1	/
	24.4	24.4	24.0	24.7	25.1	24.9	/
	512	525	468	468	515	508	/
	8.0	8.1	8.1	8.2	8.2	8.3	/
	8.2	7.7	8.3	8.1	8.1	8.1	/
	24.5	24.5	24.0	24.8	25.2	24.9	/
	773	793	674	667	767	770	/
	8.0	8.1	8.2	8.3	8.1	8.3	/
	8.2	7.7	8.3	8.1	8.1	8.2	/
	24.5	24.4	24.0	24.8	25.3	24.9	/
	979	991	872	867	975	985	/
	8.0	8.1	8.2	8.2	8.1	8.2	/
	8.2	7.7	8.2	8.1	8.1	8.2	/
	24.3	24.5	24.1	24.9	25.3	24.9	/
	1183	1191	1038	1032	1174	1156	/
	-	-	-	-	-	-	-
	5/19	5/20	5/21	5/22	5/23	5/24	

Aquatec Biological Sciences Williston, Vermont

Reviewed by: J Date: 7/25/08

GE TOX FORMS Cd

Alkalinity and Hardness Worksheet

Alkalinity										Hardness					
Sample Identifier	LIMS Identifier	Sub ID Code	Sampling Date	Sample Volume	Initial Titrant (ml)	Final Titrant (ml)	Analyst	Analysis Date	Alkalinity	Sample Volume	Initial Titrant (ml)	Final Titrant (ml)	Analyst	Analysis Date	Hardness
37592	Outfall Composite	EFF	7/8/2008	25	8.8	17.2	AD	7/8/2008	336.0	25	19	28.1	AD	7/8/2008	364.0
37593	Housatonic River A	RW	7/8/2008	25	17.2	19.1	AD	7/8/2008	76.0	50	28.1	32.4	AD	7/8/2008	86.0
37611	Outfall Composite (	EFF	7/10/2008	25	6.3	12.7	AD	7/10/2008	256.0	10	16.2	19.2	AD	7/10/2008	300.0
37612	Housatonic River (	RW	7/10/2008	25	12.7	14.8	AD	7/10/2008	84.0	50	19.2	24.1	AD	7/10/2008	98.0
37642	Outfall Composite:	EFF	7/12/2008	25	22.7	30.8	AD	7/15/2008	324.0	10	37.6	41	KK	7/12/2008	340.0
37643	Housatonic River:	RW	7/12/2008	25	30.8	32.7	AD	7/15/2008	76.0	50	41	45.4	KK	7/12/2008	88.0

45

Aquatec Biological Sciences, Inc.
 273 Commerce Street
 Williston, VT 05495
 (802) 860-1638

Total Residual Chlorine Analysis

Client GE Pittsfield, MA	SDG 11304
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Sample #	Sample ID	Collection Date / Time	Analysis Date	Result (TRC mg/L)	Method
37592	Outfall Composite A9122C	7/7/08 10:10	7/8/08 15:30	0.04 *	DPD Colorimetric
37611	Outfall Composite A9130C	7/9/08 09:05	7/10/08 11:55	0.11 *	DPD Colorimetric
37642	Outfall Composite A9143C	7/11/08 09:10	7/12/08 09:45	0.07 *	DPD Colorimetric

*The effluent was not dechlorinated with sodium thiosulfate prior to use in the toxicity test.

Sample Preparation

Client: CAS / GE PITTSFIELD Test #: 56902 (C. dubia) SDG: 11304
 Test Description: *Ceriodaphnia dubia* acute / chronic toxicity tests

Sample Identification:

Sample Description	Effluent	Receiving Water	Effluent	Receiving Water	Effluent	Receiving Water
Sample #	37592	37593	37601	37602	37602	37603

Sample Preparation:

Filtration	60 micron	60 micron	60 micron	60 micron	60 micron	60 micron
Chlorine ¹	ND	ND	ND	ND	ND	ND
Dechlorine ²	No	No	No	No	No	No
Prepared by (Init./date)	JG 7-8-08		JG 7/10/08		JG 7/12/08	

¹ Record vol. 0.025 N sodium thiosulfate to dechlorinate 100 mL sample or record "ND" (not detected).

² Dechlorination not required per instructions from client.

Daily Dilution Plan for: *Ceriodaphnia dubia* chronic toxicity test

Concentration (%)	Volume Effluent (mL)	Volume Diluent (mL)	Total Volume (mL)
Lab Water (1:1 LR/MHW)	0	300	300
(Additional Control) Na thiosulfate control	0	300	300
Receiving water (Dilution Water)	0	300	300
6.25	18.8	281.2	300
12.5	37.5	262.5	300
25	75	225	300
50	150	150	300
75	225	75	300
100	300	0	300
Total Volume	806.3	1893.7	

Comments:

Collect alkalinity and hardness samples on each new effluent and receiving water sample.

Appendix 5
Standard Reference Toxicant test Control Chart

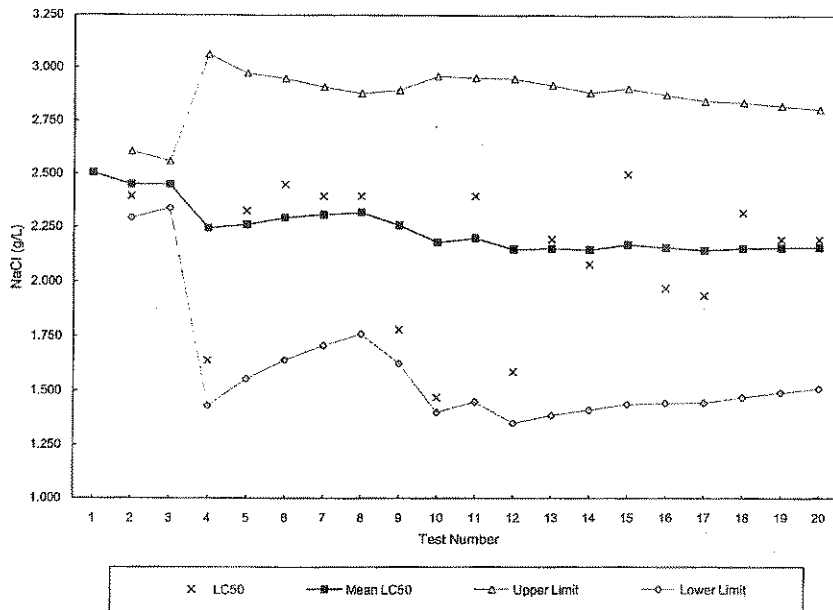
Ceriodaphnia dubia
Reference Control Chart for NaCl Acute Toxicity

Test Number	Test Date	LC50 (g/L)	Mean LC50	Calculated limits		Organism Source
				Upper	Lower	
1	11/7/2006	2.505	2.51			Aquatec Biological Sciences
2	12/15/2006	2.395	2.45	2.61	2.29	Aquatec Biological Sciences
3	1/8/2007	2.450	2.45	2.56	2.34	Aquatec Biological Sciences
4	2/2/2007	1.641	2.25	3.06	1.43	Aquatec Biological Sciences
5	2/26/2007-3/5/07	2.328	2.26	2.97	1.56	Aquatec Biological Sciences
6	3/27/07-4/2/07	2.450	2.29	2.95	1.64	Aquatec Biological Sciences
7	5/2/07-5/8/07	2.395	2.31	2.91	1.71	Aquatec Biological Sciences
8	6/19/07-6/25/07	2.395	2.32	2.88	1.76	Aquatec Biological Sciences
9	7/22/07-7/28/07	1.782	2.26	2.89	1.63	Aquatec Biological Sciences
10	8/26/07-9/1/07	1.470	2.16	2.96	1.40	Aquatec Biological Sciences
11	9/25/07-10/1/07	2.395	2.20	2.95	1.45	Aquatec Biological Sciences
12	10/23/07-10/29/07	1.587	2.15	2.95	1.35	Aquatec Biological Sciences
13	11/27/07-12/4/07	2.195	2.15	2.92	1.39	Aquatec Biological Sciences
14	1/10/08-1/16/08	2.080	2.15	2.88	1.41	Aquatec Biological Sciences
15	2/12/08-2/18/08	2.500	2.17	2.90	1.44	Aquatec Biological Sciences
16	3/17/08-3/23/08	1.970	2.16	2.87	1.44	Aquatec Biological Sciences
17	4/8/08-4/14/08	1.938	2.15	2.85	1.45	Aquatec Biological Sciences
18	5/17/08-5/23/08	2.319	2.16	2.84	1.47	Aquatec Biological Sciences
19	6/17/08-6/23/08	2.195	2.16	2.82	1.49	Aquatec Biological Sciences
20	7/23/08-7/29/08	2.195	2.16	2.81	1.51	Aquatec Biological Sciences

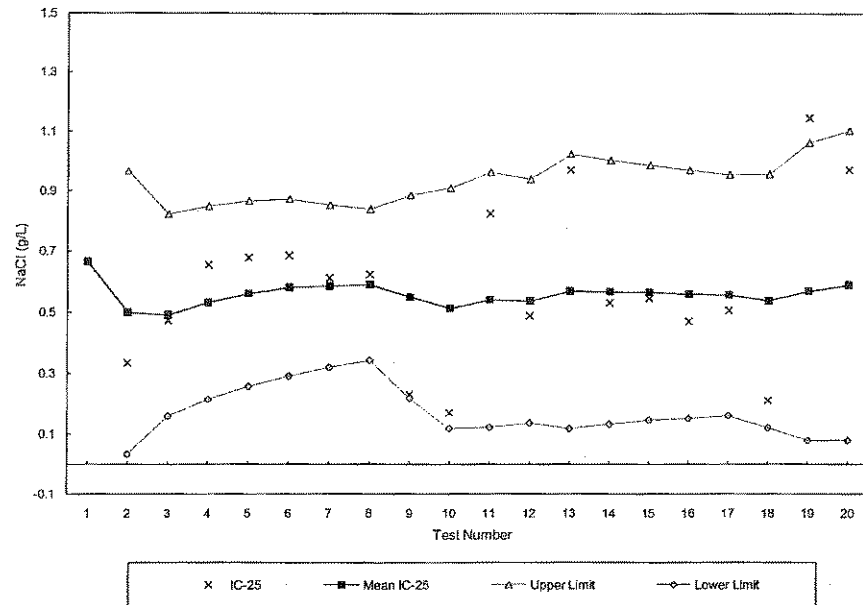
Ceriodaphnia dubia
Reference Control Chart for NaCl Chronic Toxicity

Test Number	Test Date	IC-25 (g/L)	Mean IC-25	Calculated limits		Organism Source
				Upper	Lower	
1	11/07/06	0.665	0.67			Aquatec Biological Sciences
2	12/15/06	0.335	0.50	0.97	0.03	Aquatec Biological Sciences
3	01/08/07	0.473	0.49	0.82	0.16	Aquatec Biological Sciences
4	02/02/07	0.655	0.53	0.85	0.22	Aquatec Biological Sciences
5	2/26/2007-3/5/07	0.678	0.56	0.86	0.26	Aquatec Biological Sciences
6	3/27/07-4/2/07	0.686	0.58	0.87	0.29	Aquatec Biological Sciences
7	5/2/07-5/8/07	0.612	0.59	0.85	0.32	Aquatec Biological Sciences
8	6/19/07-6/25/07	0.625	0.59	0.84	0.34	Aquatec Biological Sciences
9	7/22/07-7/28/07	0.233	0.55	0.88	0.22	Aquatec Biological Sciences
10	8/26/07-9/1/07	0.171	0.51	0.91	0.12	Aquatec Biological Sciences
11	9/25/07-10/1/07	0.825	0.54	0.96	0.12	Aquatec Biological Sciences
12	0/23/07-10/29/0	0.489	0.54	0.94	0.14	Aquatec Biological Sciences
13	11/27/07-12/4/07	0.969	0.57	1.02	0.12	Aquatec Biological Sciences
14	1/10/08-1/16/08	0.531	0.57	1.00	0.13	Aquatec Biological Sciences
15	2/12/08-2/18/08	0.546	0.57	0.99	0.15	Aquatec Biological Sciences
16	3/17/08-3/23/08	0.471	0.56	0.97	0.15	Aquatec Biological Sciences
17	4/08/08-04/14/0	0.506	0.56	0.95	0.16	Aquatec Biological Sciences
18	5/17/08-5/23/08	0.211	0.54	0.96	0.12	Aquatec Biological Sciences
19	6/17/08-6/23/08	1.146	0.57	1.06	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 Acute LC50



Reference Control Chart
Ceriodaphnia dubia Chronic IC25



49

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.

The most recent revision of this SOP (Revision 6 April 2008) is attached.

**Standard Operating Procedure for
Cladoceran, *Ceriodaphnia dubia* Survival and Reproduction Toxicity Test
U.S. EPA Method 1002.0 (NELAC ACCREDITED METHOD)**

1.0 IDENTIFICATION OF TEST METHOD

This SOP describes procedures for conducting a chronic toxicity test with the cladoceran, *Ceriodaphnia dubia*. This test is used to estimate the chronic toxicity of whole effluents or other aqueous samples with this test species.

2.0 APPLICABLE MATRIX OR MATRICES

The described test is used to assess toxicity of wastewaters (effluents, influents), receiving waters, and other prepared aqueous solutions.

3.0 DETECTION LIMIT

Not applicable.

4.0 SCOPE AND APPLICATION

This SOP describes procedures for performing a static-renewal chronic toxicity test with cladoceran, *Ceriodaphnia dubia*.

5.0 SUMMARY OF TEST METHOD

A summary of the test method is attached (Table 1). Organisms are exposed until 60% of the surviving test organisms in the dilution water control have produced three broods (6 – 8 days). Typically five concentrations of effluent (or aqueous sample) and the controls are tested concurrently. Chronic toxicity is estimated by calculating the chronic no-observed-effect-concentration (C-NOEC). The IC25 is an additional chronic value that may be used to estimate chronic toxicity to *Ceriodaphnia dubia*. This procedure is based on the guidelines of EPA-821-R-02-013 (Method 1002.0). In some US EPA regions, NPDES permits require calculation of acute values from the 48-h survival data within the chronic test. The A-NOEC and 48-h LC50 are calculated from the 48-h data.

6.0 DEFINITIONS

LC50: The computed concentration that results in 50 percent mortality of the test organisms (may be computed from 48-h data).

A-NOEC: The acute no-observed-effect-concentration. The highest concentration resulting in no statistically significant reduction in survival relative to the control (may be computed from 48-h data).

C-NOEC: The chronic no-observed-effect-concentration. The highest concentration resulting in no statistically significant reduction in survival and reproduction relative to the control. The C-NOEC may also be based independently on survival (C-NOEC-S) or independently on reproduction (NOEC-R) depending on project objectives.

IC25: A value calculated by linear interpolation to provide a point-estimate of effluent (or other aqueous samples) that causes a 25% reduction in reproduction relative to the control.

Initial chemistry: Water chemistry parameters (temperature, pH, dissolved oxygen, and conductivity) measured from a sub-sample of all test concentrations and controls before the time of test start and daily before test solution renewals.

Final chemistry: Water chemistry parameters (temperature, pH, dissolved oxygen, and conductivity) measured in all test concentrations and controls daily after test solution renewals (old water from the test cups) and at the end of the test.

PMSD: Percent Minimum Significant Difference, a measure of test variability and sensitivity.

7.0 INTERFERENCES

Not applicable.

8.0 SAFETY

Samples acquired for toxicity testing may contain unknown toxicants or health hazards. Protective equipment (e.g., lab coats, disposable gloves) should be worn when handling samples.

9.0 EQUIPMENT AND SUPPLIES

Calibrated Instrumentation and Water Quality Apparatus:

- pH meter
- Dissolved Oxygen (DO) meter
- Thermometer (accurate to 0.1°C)
- Conductivity meter
- Alkalinity titration apparatus
- Hardness titration apparatus

Additional Equipment:

- Test chambers (30-ml disposable cups), color coded
- Test board with randomized scheme, glass cover
- Light table
- Waste collection bucket
- Forms and Paperwork:
 - Survival and reproduction data form
 - Initial and final chemistry data form
 - Alkalinity and hardness data form

10.0 REAGENTS AND STANDARDS

- Laboratory reconstituted water (soft water, moderately hard water) or culture water
- Deionized water
- Reference toxicant solutions

11.0 SAMPLE COLLECTION, PRESERVATION, SHIPMENT, AND STORAGE

Samples for chronic toxicity tests are typically collected, cold-preserved, and shipped to Aquatec. Sample acceptance and log-in procedures are outlined in SOP TOX1-017. After receipt at Aquatec, samples should be refrigerated when not being prepared for use in toxicity tests. The holding time for effluent samples is 36 hours from the time of collection until the time of first use. Typically a series of three samples (effluent and receiving water) are shipped and received for testing. The first samples are used for Days 0 (test start) and renewal on Day 1; the second samples are used for renewal on Days 2 and 3; the third samples are used for renewal on Days 4, 5, and 6 (and 7 and 8, if required).

12.0 QUALITY CONTROL

For the test to be acceptable, survival in the controls must equal or exceed 80 percent. Also, the control females must have produced an average of 15 or more young per female and at least 60% of the surviving females in the controls must have produced a third brood. Also, the test conditions must be within the guidelines described in the protocol (Table 1).

Standard reference toxicant (SRT) tests (monthly modified acute and chronic tests with sodium chloride as the toxicant) are performed with a representative sub-set of the test organisms and result in an LC50 (for acute SRTs) or IC25 (for chronic SRTs) within the boundaries of the control chart. Deviations from acceptance standards should be documented and may result in the test being viewed as "conditionally acceptable" or "unacceptable" (See Section 19.0 below).

13.0 CALIBRATION AND STANDARDIZATION

Any instrumentation (e.g., water quality instrumentation) required for conducting the test must be calibrated on a daily basis following the relevant SOP or instrument guidelines.

14.0 PROCEDURE

14.1 Test System and Conditions

The test system and environmental conditions for the chronic toxicity test are summarized in Table 1.

14.2 Test Organisms

Procurement and Documentation

Test organisms for the *Ceriodaphnia* chronic test are obtained from Aquatec Biological Sciences, Inc. laboratory cultures. Neonates less than 24-h old and all collected within an 8-h period are used for testing. Documentation of brood board source and date and time must be included in the project data package. *Ceriodaphnia dubia* are cultured in individual culture cups (one organism per cup) maintained at $25 \pm 1^{\circ}\text{C}$. Neonates collected for testing may be held in individual culture cups until distributed to tests.

Evaluation of *Ceriodaphnia* Condition and Acclimation

If, during examination, it appears that more than 10 percent of the parent females or the neonates collected for the test have died during the 24-h period preceding the test, notify the Toxicity Laboratory Manager immediately. A decision will be made regarding the possibility of collecting an alternate stock of neonates for testing. If the test is to be delayed, document the reason on the Project Documentation form. Also, it may be necessary to notify the client.

NOTE: Brood boards for a test are started 7-10 days prior to the test. These brood boards must be carefully monitored for general health and reproductive condition. Documented tracking of parent organisms for survival and reproduction must be performed daily prior to collecting neonates for a chronic toxicity test. Any problems with brood board *Ceriodaphnia dubia* stocks should be reported to the Laboratory Manager immediately.

Ordinarily, *C. dubia* neonates are cultured in laboratory water (1:1 mix of Lamolille River water and moderately hard water amended with selenium and vitamin B12) up until the time of test initiation. The temperature of the parent and neonate stocks should be maintained at $25 \pm 1^{\circ}\text{C}$. Return parent stock females from the neonate cups to the source batch culture.

If acclimation to a client's receiving water is required, gradual water changes should be made (eg., 25%-50% hourly) to the test organisms to receiving water.

Food

At the time of neonate collection, or on the morning of a scheduled test, feed neonates in each cup 0.1 ml *Selenastrum* and 0.1 ml yeast-Cerophyll-trout chow (YCT).

Sample Preparation

Procedures for effluent and diluent sample preparation are described in a SOP TOX1-013. The typical dilution factors are 0.5, however, consult applicable client permits for the appropriate dilution factor and included permit-limit concentrations when required.

Dilution Water

Receiving water is typically the dilution water for effluent toxicity tests, however in some cases the receiving water quality may be poor or not available. In these cases, reconstituted laboratory water (that reflects the hardness of the receiving water) may be substituted as dilution water. Specific approval from regulatory agencies may be required for dilution water substitution.

In some instances, such as assessment of surface water toxicity, receiving water may not be available for use in a toxicity test. In these cases, the selection of the appropriate dilution water should be based on project objectives.

14.3 Initiate the Test (Day 0)

Prepare the test chambers

For a test where receiving water is used as the diluent, an additional laboratory control (e.g., soft water, moderately hard water, or culture water) must be included in the test array. New 30-mL disposable plastic condiment cups are used as test chambers. Each test treatment will have ten true replicates (no water connection), therefore, 70 test cups will be required. Test cups should be color coded with stick-on dots as follows:

<u>Color Code</u>	<u>Test Treatment</u>
Green	Laboratory Control
Dark Blue	Receiving water Control
Light Blue	Lowest test concentration
Orange	Next lowest test concentration
Yellow	Middle test concentration
Red	Next highest test concentration
Star	Highest test concentration

Typically the receiving water is the dilution water and statistical control for a toxicity test, however, there are cases where a client's permit (or project objectives) require that laboratory water be used as dilution water (and statistical control) and the receiving water (if available) is used as an additional (non-statistical) control.

Measure Initial Chemistries

Remove an aliquot (approximately 100 ml) from each test dilution and the controls. This aliquot is used to measure the following parameters: pH, DO, temperature, and conductivity. Record the data directly on the Toxicity Test Data Form for Day 0. The temperature of the solutions must be within a range of $\pm 1^{\circ}\text{C}$ of the selected test temperature (25°C).

Recommended water chemistry ranges at time of test initiation

If solutions are not within the ranges specified below, notify the Toxicity Laboratory Director.

pH - acceptable range, 6.0-9.0

DO - acceptable range, >4.0 mg/L

Temperature - acceptable range, $24-26^{\circ}\text{C}$

Conductivity - often has a pattern of increasing conductance with increasing sample strength.

Collect a sub-sample of each new sample of the controls and 100% effluent for subsequent analysis of hardness and alkalinity. Label and store in a refrigerator at 4°C .

If prepared solutions are to be stored temporarily prior to starting the test, store the test solutions at the target test temperature ($24-26^{\circ}\text{C}$).

Decant test solutions to the appropriate test cups, approximately 20 mL per cup. Place the test cups in randomized positions on the test board.

Distribution of test organisms and test initiation

Neonates are distributed to the test board following the blocking procedure outlined in EPA-821-R-02-013. This blocking procedure allows the performance of each parent female to be tracked. If a particular female produces one weak offspring or male for use in the test, the likelihood of producing all weak offspring or all males is greater. By using the known parentage technique, poor performance of young from a given female can be omitted from all concentrations. The procedure is as follows:

- Select 10 brood cups (containing neonates collected for the test), each with 8 or more neonates. From a single cup, distribute (with a transfer pipet) one neonate to the

laboratory control cup, then one to the diluent control, one to the low test concentration, etc., working from low to high test concentration in test column 1.

- Rinse the pipet with deionized water.
- Select a second neonate up and distribute neonates to column 2 in the same manner as in Step a.
- Continue distributing neonates from a single neonate cup the the remaining test columns as in Step a. until all test chambers contain a single neonate.
- Record the date and time of test initiation on the *Ceriodaphnia* Survival and Reproduction Data form.

Aeration

Do not aerate *Ceriodaphnia dubia* chronic tests.

Feed the test organisms

Add 0.1 mL of *Selenastrum* and 0.1 mL of YCT solution to each test cup. Record the feeding time on the Survival and Reproduction Data form.

14.4 Monitoring the test

Daily Monitoring and Test Solution Renewal

The procedures described below pertain to Days 1-8 of the test (The test starts on Day 0).

Sample preparation

Generally, samples collected on three separate occasions are used for the chronic test (e.g., samples are delivered on Day 0, Day 2 and Day 4). Samples are prepared according to the procedures outlined in SOP TOX1-013. Use the most recently collected samples (effluent and dilution water) for the renewal procedure. The initial chemistry parameters of temperature, pH, dissolved oxygen, and conductivity should be measured daily and recorded on each test concentration prior to completing the test solution renewal.

Test solution renewal and biological monitoring

Test solutions in each test cup are renewed daily. During the renewal procedure, take care to avoid injuring neonates. The controls should be renewed first, then the low concentrations and then the higher test concentrations. This procedure will minimize the potential for back-contamination of a lower test concentration with a higher test concentration. Conduct the renewal procedure over a light table.

- Remove the test board from the test rack and remove the glass cover. Measure the temperature of one replicate of each test treatment. Record the data on the Final Chemistry Data form.
- Fill ten new cups coded for laboratory control with approximately 15-20 mL of laboratory control water. Remove laboratory control Replicate 1 test cup from the test board.
- If the parent organism in this replicate is alive, transfer the organism with a disposable pipet to the new test cup containing new control solution. Record a zero (if no neonates are present) in the data box for Laboratory Control, Replicate 1.
- If the organism is dead, record a "D" in the data box for this replicate. (It is helpful at this point to record "D" in the box for this replicate for subsequent test days to prevent that data box from being used in the future.)
- Examine the original test cup carefully to see whether any neonates were released by the parent organism in the prior 24-hour period. (Neonate production does not normally start until Day 3 or Day 4 of the test.) If live neonates are present in the cup, the exact neonate count must be

recorded in the data box for the replicate. If the parent organism has died record: D / # of neonates released. If a parent organism is accidentally injured and dies, designate as "*" and footnote the occurrence of the accidental mortality. This organism will be deleted from the data analysis. Place marble to fill any location that is empty due to mortality. If the parent organism is missing, it should be scored as "D" (unless a known and documented laboratory error resulted in the loss of the organism).

- Continue the procedure outlined above for Control Replicates 2-10. Pool the "old test water" from the old test cups into a beaker or cup. This must be saved for final chemistry analysis.

The decanted water ("old water") from the ten replicates must be pooled and saved for final chemistry determinations. Continue renewals for all test solutions working from low to high test concentrations.

When renewals have been completed, record your initials, date, and time of renewal in the remarks section of the Survival and Reproduction Data form. Also, indicate the sample number used for renewal. Replace all test cups in the assigned position on the test board.

Final Chemistry

Measure the pH, D.O., and conductivity (Temperature has already been measured in "a." above.) of the pooled water sample decanted from the ten replicates for each test treatment. It is preferable to do this immediately after completing the renewal to obtain an accurate representation of the test conditions. Discard the solution in the appropriate waste receptacle.

Feeding

As soon as the renewal procedure has been completed, add 0.1 ml of *Selenastrum* and 0.1 ml of YCT to each test cup. Record the time fed in the Remarks section of the Survival and Reproduction Data form. Replace the glass cover on the test board and return the test board to the testing area.

14.5 Termination of the Toxicity Test

The *Ceriodaphnia dubia* chronic test must be ended when 60% or more of the surviving females in dilution water control have produced three broods (typically occurs on Day 6, 7, or 8). If this requirement has not been reached on Day 8, the final test data (survival and reproduction) should be recorded and the test should be ended.

Final Biological Monitoring (Survival and Reproduction)

- Measure and record temperatures from the test.
- For each replicate, determine whether the parent female is alive or dead and record the results in the appropriate data box of the Survival and Reproduction Data form. Also, count the number of neonates released by the parent female in the prior 24 hours and record the data in the appropriate box.

Because of the rapid rate of development of *Ceriodaphnia*, all observations of organism survival and neonate production should be completed within two hours. Record the time of test completion in remarks section.

Final Chemistry (end of test)

Combine the test solution from each replicate of a test treatment. Measure and record the final chemistry parameters (pH, DO, and conductivity) as specified above.

15.0 CALCULATIONS AND ENDPOINTS

Statistical endpoints are calculated using the Comprehensive Environmental Toxicity Information System (CETIS) software program. Enter the test data into the CETIS template prepared for each client. The dilution water control should be entered as the "D" control and is used for statistical comparisons. The additional control is entered as the "L" control. Run the statistical program for the EPA chronic Toxicity Test flow chart (Figures 4 and 6, pages 168 and 173 of EPA-821-02-013) and print the entered test data and the statistical results. Check the entered data against the original hand-written test data and record the date and initials. Place the statistical printouts in the project folder (by SDG) and return the folder with all paperwork to the project holding file.

Statistical endpoints may include:

A-NOEC

C-NOEC (may be based on a combination of survival and reproduction or separately for survival (C-NOEC-S) and also reproduction(C-NOEC-R)) depending on project objectives.

IC25

In some instances, the statistical program may not provide a correct LC50 value for data sets with little or no mortality in any test concentrations. In these cases, it is permissible to review the data visually. If there is greater than 50 percent survival in all test concentrations, the reported LC50 is, by definition ">100". If this assessment is made, the statistical printout must be marked "LC50 >100, DIRECT OBSERVATION" and initialed by the analyst making the observation. This assessment is reviewed by the laboratory manager, to insure that the interpretation is correct and falls within the definition of LC50.

Test variability (Percent Minimum Significant Difference, PMSD) and concentration-response relationships should also be evaluated following the guidance of EPA-821-R-02-013 Section 10.2.6 and 10.2.8.

16.0 METHOD PERFORMANCE

Test conditions should be at or near the limits outlined in the Protocol (Table 1).

17.0 POLLUTION PREVENTION

Effluents and receiving waters used in toxicity tests are stored refrigerated until the test data have been reviewed and deemed acceptable by the Laboratory Manager or the Director. Contact the Laboratory Manager or Director prior to discarding any stored samples. Effluent and receiving water samples may be discarded following a period of chlorination (e.g., 30 minutes). Effluent samples that have exhibited high toxicity in low test concentrations should be discarded in the "Aqueous Waste" drum for disposal by a certified waste handler. Other samples containing unknown or suspected toxic contaminants should be discarded in the "Aqueous Waste" drum.

18.0 DATA ASSESSMENT AND ACCEPTANCE CRITERIA FOR QUALITY CONTROL MEASURES

The Laboratory Manager and/or the Laboratory Director will review test data to ensure that all elements of the data package are available and complete (Log-in work sheets, test IDs, Chain-of-Custody documentation, toxicity test bench sheets, organism records, and SRT data). The reviewer will check to package for transcription errors, clarity of observations and notations, initials, and completeness. The reviewer will also compare the test data to the Quality Control standards outlined in Section 12.0 above. Any deficiencies will be addressed and resolved (with appropriate notation) prior to assembling the package for the final report.

19.0 CORRECTIVE ACTIONS FOR OUT-OF-CONTROL DATA

Data that do not meet Quality Control standards will be assessed and a decision will be made whether to reject the test data and deemed "unacceptable" (requiring a repeated test) or "provisionally acceptable" (requiring a qualifier in the final report). An example of an

unacceptable test could include one where the controls fail to meet the 80% survival requirement. A designation of a "provisionally acceptable" test might include one where samples were received outside of prescribed holding temperatures or times.

20.0 CONTINGENCIES FOR HANDLING OUT-OF-CONTROL OR UNACCEPTABLE DATA

Analysts experiencing and "out-of-control" event (e.g., test replicate spills, test solutions improperly prepared, test temperatures out of target range, etc.) should note the event on the bench sheet and also notify the Laboratory Manager or Laboratory Director. A decision will be made by the Laboratory Manager or Laboratory Director as to whether to continue the test (with the appropriate qualifier) or whether to terminate the test. If the test is terminated, the client should be notified so that re-sampling and re-testing can be scheduled as soon as possible.

21.0 WASTE MANAGEMENT

See 17.0 above.

22.0 REFERENCES

The test procedure is based upon the guidelines outlined in EPA-821-R-02-013, *Short-term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Water to Freshwater Organisms* (4th Ed.). Regional guidelines may require in slight modifications of the test protocol (e.g., solution renewals, test duration, target test temperature).

23.0 TABLES, DIAGRAMS, FLOW CHARTS, AND VALIDATION DATA

Refer to Table 3 (pp. 164 of EPA-821-R-02-013) and the EPA Statistical Flow Chart (Figure 4 page 168 of EPA-821-R-02-013 and related discussions within that document.

24.0 TRAINING

Laboratory analysts performing this procedure must receive instruction from a previously trained analyst. Individual parts of the overall procedure may be performed under the guidance of a previously-trained analyst.

To be qualified for the overall procedure outlined in this SOP, the analyst must:

- Read this SOP.
- Receive verbal and visual instruction.
- Achieve a daily neonate count that agrees ($\pm 5\%$) with the count of an experienced analyst.
- Be trained on pertinent associated SOPs.

Table 1. Test Protocol for Ceriodaphnia dubia survival and reproduction test

ASSOCIATED PROTOCOL: EPA 2002. *Short Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms*. (EPA-821-R-02-013), Method 1002.0

1. Test type:	Static, daily renewal
2. Test temperature:	25 ± 1°C
3. Light quality:	Ambient laboratory illumination
4. Photoperiod:	16 hr. light, 8 hr. dark
5. Test chamber size:	30 ml
6. Test solution volume:	15 - 25 ml / replicate
7. Renewal of test concentrations:	Daily using most recent samples collected
8. Age of test organisms:	Less than 24 h (released within 8-h period)
9. No. organisms / test chamber:	1
10. No. of replicate chambers / concentration:	10
11. No. of organisms / concentration:	10
12. Feeding regime:	Feed 0.1 ml of YTC and algal suspension daily
13. Cleaning:	None, new color-coded cups daily with renewal
14. Aeration:	None
15. Dilution water:	Receiving water or laboratory water
16. Test concentrations:	6.25, 12.5, 25, 50, 100% (unless specified otherwise by permit)
17. Laboratory control:	Reconstituted water (soft, or moderately hard) or culture water
18. Test duration:	Until 60% of the surviving control organisms have released three broods (not to exceed 8 days)
19. Monitoring:	Daily: temperature, DO, pH, and conductivity before and after renewal. Hardness, alkalinity on each new sample. Biological monitoring (survival and neonate counts) daily
19. End points:	Survival and reproduction
20. Reference toxicant test:	Sodium chloride 48-h LC50 and IC25
21. Test acceptability (Control performance):	80% or greater survival and an average of 15 neonates per surviving female. 60% of the control organisms must have produced three broods.
22. Data interpretation (endpoints):	C-NOEC, IC25

APPENDIX 2

Laboratory Reports

Columbia Analytical Services, Inc.
O'Brien & Gere, Inc.

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: July 7, 2008

Acute Dry
Acute Wet
Chronic (Day 1, 2 or 3)

Effluent Composite

Sample # A9122C
Date 7/7/08
Time 10:10AM
pH 7.72 su

River/Dilution Water

Sample # A9123R
Date 7/7/08
Time 7:55AM
pH 7.46 su

SEAN C. COYLE

[Signature] 7/7/08
Signature & Date

Joseph C. Hamlin

[Signature] 7-7-08
SIGNATURE & DATE

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9122C

Date Sampled : 07/07/08 10:10 Order #: 1115226 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.126	MG/L	07/17/08	09:16	1.0
CHLORIDE	SM4500-C	1.00	207	MG/L	07/11/08	15:32	5.0
TOTAL ALKALINITY	SM2320B	2.00	380	MG/L	07/14/08		1.0
TOTAL ORGANIC CARBON	SM5310C	0.0500	8.96	MG/L	07/17/08	15:30	20.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	07/15/08	09:52	1.0
TOTAL SOLIDS	SM2540B	10.0	748	MG/L	07/09/08	09:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.00 U	MG/L	07/09/08	14:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9122CCN

Date Sampled : 07/07/08 10:10 Order #: 1115232 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0427	MG/L	07/10/08	10:41	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9122CCN-FLTR

Date Sampled : 07/07/08 10:10 Order #: 1115233 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/10/08	10:41	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9122CTM

Date Sampled : 07/07/08 10:10 Order #: 1115228 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0244 B	MG/L	07/10/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/15/08	1.0
CALCIUM	200.7	1.00	82.2	MG/L	07/10/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/15/08	1.0
COPPER	200.8	1.00	2.16	UG/L	07/15/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	07/16/08	1.0
MAGNESIUM	200.7	1.00	35.0	MG/L	07/10/08	1.0
NICKEL	200.8	1.00	2.58	UG/L	07/15/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
ZINC	200.8	5.00	8.40	UG/L	07/16/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9122CDM

Date Sampled : 07/07/08 10:10

Order #: 1115227

Sample Matrix: WATER

Date Received: 07/08/08

Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0209 B	MG/L	07/10/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/15/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/15/08	1.0
COPPER	200.8	1.00	1.83	UG/L	07/15/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	07/16/08	1.0
NICKEL	200.8	1.00	2.28	UG/L	07/15/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
ZINC	200.8	5.00	15.7	UG/L	07/16/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9123R

Date Sampled : 07/07/08 08:55
Date Received: 07/08/08

Order #: 1115225
Submission #: R2844841

Sample Matrix: WATER

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.0500 U	MG/L	07/17/08	09:16	1.0
CHLORIDE	SM4500-C	1.00	15.5	MG/L	07/11/08	15:32	1.0
TOTAL ALKALINITY	SM2320B	2.00	88.0	MG/L	07/14/08		1.0
TOTAL ORGANIC CARBON	SM5310C	0.0500	5.83	MG/L	07/16/08	14:08	10.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	07/15/08	09:52	1.0
TOTAL SOLIDS	SM2540B	10.0	132	MG/L	07/09/08	09:00	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.50	MG/L	07/09/08	14:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9123RCN

Date Sampled : 07/07/08 08:55 Order #: 1115230 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/10/08	10:41	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9123RCN-FLTR

Date Sampled : 07/07/08 08:55 Order #: 1115231 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/10/08	10:41	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/18/08

General Electric

Project Reference: GE-PITTSFIELD ACUTE/CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9123RTM

Date Sampled : 07/07/08 08:55 Order #: 1115229 Sample Matrix: WATER
Date Received: 07/08/08 Submission #: R2844841

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0543 B	MG/L	07/10/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/15/08	1.0
CALCIUM	200.7	1.00	22.1	MG/L	07/10/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/15/08	1.0
COPPER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	07/16/08	1.0
MAGNESIUM	200.7	1.00	7.80	MG/L	07/10/08	1.0
NICKEL	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
ZINC	200.8	5.00	5.00 U	UG/L	07/16/08	1.0

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: 7/9/08

Acute Dry

Acute Wet

Chronic (Day 1 or 3)

Effluent Composite

Sample # A9130C

Date 7/9/08

Time 9:05AM

pH 7.60 su

River/Dilution Water

Sample # A9131R

Date 7/9/08

Time 8:30AM

pH 7.36 su

SEAN C COYNE

 7/9/08

Signature & Date

Joseph C. Hanley



Signature & Date

COLUMBIA ANALYTICAL SERVICES

Reported: 07/21/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9130C

Date Sampled : 07/09/08 09:05

Order #: 1116320

Sample Matrix: WATER

Date Received: 07/10/08

Submission #: R2844886

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.182	MG/L	07/17/08	09:16	1.0
CHLORIDE	SM4500-C	1.00	169	MG/L	07/11/08	15:32	5.0
TOTAL ALKALINITY	SM2320B	2.00	284	MG/L	07/14/08		1.0
TOTAL ORGANIC CARBON	SM5310C	0.0500	7.87	MG/L	07/16/08	15:02	10.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	07/15/08	09:52	1.0
TOTAL SOLIDS	SM2540B	10.0	596	MG/L	07/11/08	09:30	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	3.20	MG/L	07/11/08	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/21/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 7/08
Client Sample ID : A9130CCN

Date Sampled : 07/09/08 09:05 Order #: 1116353 Sample Matrix: WATER
Date Received: 07/10/08 Submission #: R2844886

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0325	MG/L	07/15/08	09:33	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/21/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9130CCN-FLTR

Date Sampled : 07/09/08 09:05 Order #: 1116356 Sample Matrix: WATER
Date Received: 07/10/08 Submission #: R2844886

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/15/08	09:33	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/21/08

General Electric
Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 7/08
Client Sample ID : A9130CTM

Date Sampled : 07/09/08 09:05 Order #: 1116328 Sample Matrix: WATER
Date Received: 07/10/08 Submission #: R2844886

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0578 B	MG/L	07/14/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/15/08	1.0
CALCIUM	200.7	1.00	63.1	MG/L	07/14/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/18/08	1.0
COPPER	200.8	1.00	5.54	UG/L	07/15/08	1.0
LEAD	200.8	0.500	1.09	UG/L	07/18/08	1.0
MAGNESIUM	200.7	1.00	26.0	MG/L	07/14/08	1.0
NICKEL	200.8	1.00	2.48	UG/L	07/15/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
ZINC	200.8	5.00	12.1	UG/L	07/17/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/21/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9130CDM

Date Sampled : 07/09/08 09:05

Order #: 1116325

Sample Matrix: WATER

Date Received: 07/10/08

Submission #: R2844886

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0358 B	MG/L	07/14/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/15/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/18/08	1.0
COPPER	200.8	1.00	3.54	UG/L	07/15/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	07/18/08	1.0
NICKEL	200.8	1.00	2.13	UG/L	07/15/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
ZINC	200.8	5.00	37.4	UG/L	07/17/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/21/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9131R

Date Sampled : 07/09/08 08:30

Order #: 1116319

Sample Matrix: WATER

Date Received: 07/10/08

Submission #: R2844886

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1M	0.0500	0.0500 U	MG/L	07/17/08	09:16	1.0
CHLORIDE	SM4500-C	1.00	16.3	MG/L	07/11/08	15:32	1.0
TOTAL ALKALINITY	SM2320B	2.00	94.0	MG/L	07/14/08		1.0
TOTAL ORGANIC CARBON	SM5310C	0.0500	5.60	MG/L	07/16/08	14:29	10.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	07/15/08	09:52	1.0
TOTAL SOLIDS	SM2540B	10.0	149	MG/L	07/11/08	09:30	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.30	MG/L	07/11/08	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/21/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9131RCN

Date Sampled : 07/09/08 08:30 Order #: 1116350 Sample Matrix: WATER
Date Received: 07/10/08 Submission #: R2844886

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/15/08	09:33	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/21/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9131RCN-FLTR

Date Sampled : 07/09/08 08:30 Order #: 1116351 Sample Matrix: WATER
Date Received: 07/10/08 Submission #: R2844886

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/15/08	09:33	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/21/08

General Electric

Project Reference: GE-PITTSFIELD CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9131RTM

Date Sampled : 07/09/08 08:30
Date Received: 07/10/08

Order #: 1116329
Submission #: R2844886

Sample Matrix: WATER

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0493 B	MG/L	07/14/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/15/08	1.0
CALCIUM	200.7	1.00	24.0	MG/L	07/14/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/18/08	1.0
COPPER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
LEAD	200.8	0.500	0.500 U	UG/L	07/18/08	1.0
MAGNESIUM	200.7	1.00	8.45	MG/L	07/14/08	1.0
NICKEL	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/15/08	1.0
ZINC	200.8	5.00	5.00 U	UG/L	07/17/08	1.0

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: 7/11/02

Acute Dry

Acute Wet

Chronic (Day 1, 2 or 3)

Effluent Composite

Sample # A9143 C

Date 7/11/02

Time 9:10 AM

pH 7.79 su

River/Dilution Water

Sample # A9144 R

Date 7/11/02

Time 7:40 AM

pH 7.61 su

SEAN C. COYNE

Sean C. Coyne 7/11/02
Signature & Date

Joseph C. Hanlon

Joseph C. Hanlon
Signature & Date

COLUMBIA ANALYTICAL SERVICES

Reported: 07/25/08

General Electric
Project Reference: GE-PITTSFIELD - CHRONIC BIOMONITORING - 7/08
Client Sample ID : A9143C

Date Sampled : 07/11/08 09:10 Order #: 1117054 Sample Matrix: WATER
Date Received: 07/12/08 Submission #: R2844915

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE	TIME	DILUTION
					ANALYZED	ANALYZED	
AMMONIA	350.1M	0.0500	0.248	MG/L	07/17/08	09:16	1.0
CHLORIDE	SM4500-C	1.00	210	MG/L	07/22/08	01:38	5.0
TOTAL ALKALINITY	SM2320B	2.00	356	MG/L	07/15/08	09:00	1.0
TOTAL ORGANIC CARBON	SM5310C	0.0500	8.86	MG/L	07/16/08	16:08	10.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	07/22/08	09:23	1.0
TOTAL SOLIDS	SM2540B	10.0	713	MG/L	07/17/08	09:20	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	1.00 U	MG/L	07/15/08	12:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/25/08

General Electric
Project Reference: GE-PITTSFIELD - CHRONIC BIOMONITORING - 7/08
Client Sample ID : A9143CCN

Date Sampled : 07/11/08 09:10 Order #: 1117061 Sample Matrix: WATER
Date Received: 07/12/08 Submission #: R2844915

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0485	MG/L	07/18/08	09:22	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/25/08

General Electric

Project Reference: GE-PITTSFIELD - CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9143CCN-FLTR

Date Sampled : 07/11/08 09:10 Order #: 1117062 Sample Matrix: WATER
Date Received: 07/12/08 Submission #: R2844915

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/18/08	09:22	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/25/08

General Electric

Project Reference: GE-PITTSFIELD - CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9143CTM

Date Sampled : 07/11/08 09:10
Date Received: 07/12/08

Order #: 1117057
Submission #: R2844915

Sample Matrix: WATER

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0267 B	MG/L	07/17/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/21/08	1.0
CALCIUM	200.7	1.00	74.5	MG/L	07/17/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/18/08	1.0
COPPER	200.8	1.00	1.79	UG/L	07/18/08	1.0
LEAD	200.8	0.500	0.413 B	UG/L	07/24/08	1.0
MAGNESIUM	200.7	1.00	31.3	MG/L	07/17/08	1.0
NICKEL	200.8	1.00	2.44	UG/L	07/18/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/18/08	1.0
ZINC	200.8	5.00	10.0	UG/L	07/18/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/25/08

General Electric
Project Reference: GE-PITTSFIELD - CHRONIC BIOMONITORING - 7/08
Client Sample ID : A9143CDM

Date Sampled : 07/11/08 09:10 Order #: 1117056 Sample Matrix: WATER
Date Received: 07/12/08 Submission #: R2844915

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.0200 U	MG/L	07/17/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/21/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/18/08	1.0
COPPER	200.8	1.00	1.49	UG/L	07/18/08	1.0
LEAD	200.8	0.500	0.0555 B	UG/L	07/24/08	1.0
NICKEL	200.8	1.00	2.29	UG/L	07/18/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/18/08	1.0
ZINC	200.8	5.00	21.2	UG/L	07/18/08	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/25/08

General Electric

Project Reference: GE-PITTSFIELD - CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9144R

Date Sampled : 07/11/08 08:40

Order #: 1117053

Sample Matrix: WATER

Date Received: 07/12/08

Submission #: R2844915

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE	TIME	DILUTION
					ANALYZED	ANALYZED	
AMMONIA	350.1M	0.0500	0.0500 U	MG/L	07/17/08	09:16	1.0
CHLORIDE	SM4500-C	1.00	15.8	MG/L	07/22/08	01:38	1.0
TOTAL ALKALINITY	SM2320B	2.00	88.0	MG/L	07/15/08	09:00	1.0
TOTAL ORGANIC CARBON	SM5310C	0.0500	7.00	MG/L	07/16/08	15:30	10.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	07/22/08	09:23	1.0
TOTAL SOLIDS	SM2540B	10.0	136	MG/L	07/17/08	09:20	1.0
TOTAL SUSPENDED SOLIDS	SM2540D	1.00	3.80	MG/L	07/15/08	12:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/25/08

General Electric

Project Reference: GE-PITTSFIELD - CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9144RCN

Date Sampled : 07/11/08 08:40 Order #: 1117059 Sample Matrix: WATER
Date Received: 07/12/08 Submission #: R2844915

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE	TIME	DILUTION
					ANALYZED	ANALYZED	
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/18/08	09:22	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/25/08

General Electric

Project Reference: GE-PITTSFIELD - CHRONIC BIOMONITORING - 7/08

Client Sample ID : A9144RCN-FLTR

Date Sampled : 07/11/08 08:40 Order #: 1117060 Sample Matrix: WATER
Date Received: 07/12/08 Submission #: R2844915

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	07/18/08	09:22	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/25/08

General Electric
Project Reference: GE-PITTSFIELD - CHRONIC BIOMONITORING - 7/08
Client Sample ID : A9144RTM

Date Sampled : 07/11/08 08:40 Order #: 1117058 Sample Matrix: WATER
Date Received: 07/12/08 Submission #: R2844915

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.0200	0.105	MG/L	07/17/08	1.0
CADMIUM	200.8	0.500	0.500 U	UG/L	07/21/08	1.0
CALCIUM	200.7	1.00	20.7	MG/L	07/17/08	1.0
CHROMIUM	200.8	2.00	2.00 U	UG/L	07/18/08	1.0
COPPER	200.8	1.00	1.00 U	UG/L	07/18/08	1.0
LEAD	200.8	0.500	0.446 B	UG/L	07/24/08	1.0
MAGNESIUM	200.7	1.00	7.30	MG/L	07/17/08	1.0
NICKEL	200.8	1.00	1.00 U	UG/L	07/18/08	1.0
SILVER	200.8	1.00	1.00 U	UG/L	07/18/08	1.0
ZINC	200.8	5.00	5.00 U	UG/L	07/18/08	1.0

APPENDIX 3

Chain of Custody Forms

7/7/2008

CHRONIC AQUATIC TOXICITY COMPOSITE 7C1

Month: JULY
Week: 2
Fiscal Wk: 28
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	8:00AM	15,990	1,232.11	11.20%
004		0	-	0.00%
007		0	-	0.00%
64T	7:10AM	4,685	361.00	3.28%
64G	7:10AM	122,080	9,406.89	85.52%
09A		0	-	0.00%
09B	8:30AM	0	-	0.00%
		142,755	11000	100.00%

The Acute Toxicity Composite was made today by SEAN C. COYLE @ 10:10 AM
according to the table above, and given the sample ID# A9122C

Sean C. Coyle

Signed

7/7/08

Date

Chain-of-Custody Form Number:	<u>6214</u>
Analysis:	<u>TOX COMPOSITE</u>
TIME:	<u>10:10 AM</u>
Location:	<u>10:10 AM</u> Date: <u>7/7/08</u>
Sample Label Serial Number	<u>A 09122C</u>

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: <u>General Electric Company</u>	Project Name: <u>GE PITTSFIELD</u>	Carrier: <u>PRIORITY EXPRESS</u>	4°C	4°C	4°C	4°C	4°C	4°C
Address: <u>O'Brien & Gere</u> <u>1000 East Street, Gate 64</u>	Outfall Composite - INITIAL SAMPLE	Airbill Number: <u> </u>	—	—	H ₂ SO ₄	H ₂ SO ₄	—	—
City/State/Zip: <u>Pittsfield, MA 01201</u>	Project Number: <u>08008</u>	Date Shipped: <u>7/7/08</u>	Plastic	Plastic	Plastic	Glass	Glass	Plastic
Telephone: <u>(413) 494-6709</u>	Sampler Name(s): <u>SEAN C. COYLE</u>	Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	—	—	—	—	—	—
Facsimile: <u>(413) 494-7052</u>	NPDES Permit #: <u>MA0003891</u>		1 gal	1/2 gal	1 L	40 ml	40 mL	0.5 L
Contact Name: <u>Sean Coyle</u>	Ship these samples on Monday.							
	Quote #: <u>10/05</u> Client Code: <u>GEPITTS</u>							

SAMPLE IDENTIFICATION	COLLECTION		GRAB	COMPOSITE	MATRIX	ANALYSIS	NUMBER OF CONTAINERS							
	DATE	TIME												
Outfall Composite <u>A9122C</u>	<u>7/7/08</u>	<u>10:10 AM</u>		X	Effluent	<i>Ceriodaphnia dubia</i> chronic survival and reproduction (EPA Method 1002.0) Initial sample	1							
Housatonic River <u>A9123R</u>	<u>7/7/08</u>	<u>8:55 AM</u>	X		Receiving	Dilution Water	2							

Note: effluent and receiving water were also logged in for the D. pulex acute toxicity test (7/8/08) 7/25/08

Relinquished by: (signature)	DATE	TIME	Received by: (signature)	<p>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.</p> <p>Notes to Lab: Ambient cooler temperature: <u>4.0</u> °C. Dechlorinate the effluent sample if chlorine is detected.</p>
	<u>7/7/08</u>	<u>11:35 AM</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	
	<u>7-8-08</u>	<u>09:00</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	



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 4

SR # _____
CAS Contact _____

Project Name NPDES PERMIT		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																												
Project Manager J. NICHOLSON		Report CC		PRESERVATIVE																												
Company/Address GE CEP				NUMBER OF CONTAINERS	GC/MS VOA's 8260 <input type="checkbox"/> 824 <input type="checkbox"/> CLP	GC/MS SVOA's 8270 <input type="checkbox"/> 825 <input type="checkbox"/> CLP	GC VOA's 8021 <input type="checkbox"/> 801/802	PESTICIDES 8081 <input type="checkbox"/> 808 <input type="checkbox"/> CLP	PCBs 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	METALS, TOTAL (7) EPA (List in comments below) 300.7	METALS, DISSOLVED (7) EPA (List in comments below) 300.7	METALS TOTAL (3) (1) EPA 200.7	METALS, DISSOLVED 300.7	TSC 200.7	SM 5310C	ARCA/UNITY 2320B	TSS SM 2540D	PRESERVATIVE				Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other <u>NO</u> HEADSPACE										
159 PLASTICS AVE, BLDG 59																		2	2	2	2		3	8	REMARKS/ ALTERNATE DESCRIPTION							
PITTSFIELD, MA 01201																																
Phone # (413) 444-5915		FAX# (413) 444-5935																														
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name SEAN C. COYLE																														
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	TIME	MATRIX																												
A9122 CTM	1115228	7/7/08	10:10 AM	H ₂ O	1					X																						
A9122 CTM Q	1115228	7/7/08	10:10 AM	H ₂ O	1					X								MATRIX SPIKE														
A9123 RTM	1115229	7/7/08	8:55 AM	H ₂ O	1					X																						
A9122 CDM	1115227	7/7/08	10:10 AM	H ₂ O	1					X								FILTERED + PRESERVED														
A9122 C	1115226	7/7/08	10:10 AM	H ₂ O	3								X																			
A9123 R	1115225	7/7/08	8:55 AM	H ₂ O	3								X																			
A9122 C	1115226	7/7/08	10:10 AM	H ₂ O	1									X																		
A9123 R	1115225	7/7/08	8:55 AM	H ₂ O	1									X																		
A9122 C	1115226	7/7/08	10:10 AM	H ₂ O	1										X																	
A9123 R	1115225	7/7/08	8:55 AM	H ₂ O	1										X																	
SPECIAL INSTRUCTIONS/COMMENTS					TURNAROUND REQUIREMENTS					REPORT REQUIREMENTS					INVOICE INFORMATION																	
Metals TOTAL (7) EPA 200.7 - Cu, Pb, Cd, Cr, Ni, Ag, Zn					RUSH (SURCHARGES APPLY) 24 hr <input type="checkbox"/> 48 hr <input checked="" type="checkbox"/> 5 day					I. Results Only					PO#																	
(3) EPA 200.7 - Al, Ca, Mg					STANDARD					II. Results + QC Summaries (LCS, DUP, MS/MSD as required)					BILL TO:																	
DISSOLVED METALS (7) EPA 200.7 - Cu, Pb, Ni, Zn, Cd, Cr, Ag					REQUESTED FAX DATE					III. Results + QC and Calibration Summaries																						
DISSOLVED METALS (1) EPA 200.7 Al					REQUESTED REPORT DATE					IV. Data Validation Report with Raw Data					SUBMISSION #: (284484)																	
See QAPP <input type="checkbox"/> - SAMPLES PACKED IN ICE										V. Specialized Forms / Custom Report																						
Edata <input type="checkbox"/> Yes <input type="checkbox"/> No																																
SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____					CUSTODY SEALS: Y N					RELINQUISHED BY					RECEIVED BY																	
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY																		
<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>																		
SEAN C. COYLE		HOLLY PUNCH																														
ORL		CAS																														
7/7/08 2:30pm		7/10/08 9:45																														

Cooler Receipt And Preservation Check Form

Project/Client GE Pittsfield Submission Number _____

Cooler received on 7/18/08 by: J 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/ROS, CLIENT
 7. Temperature of cooler(s) upon receipt: 3.4° 1.5° 1.8° _____
- 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: 7/18/08 1010

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: CA 7/18/08

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	-	-						
	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 05495
 TEL: (802) 860-1638
 FAX: (802) 858-3189

COMPANY INFORMATION	COMPANY'S PROJECT INFORMATION	SHIPPING INFORMATION	VOLUME/CONTAINER TYPE/ PRESERVATIVE					
Name: <u>General Electric Company</u>	Project Name: <u>GE PITTSFIELD</u>	Carrier: <u>PRIORITY EXPRESS</u>	4°C	4°C	4°C	4°C	4°C	4°C
Address: <u>O'Brien & Gere</u> <u>1000 East Street, Gate 64</u>	Outfall Composite – INITIAL SAMPLE	Airbill Number: <u> </u>	—	—	H ₂ SO ₄	H ₂ SO ₄	—	HNO ₃
City/State/Zip: <u>Pittsfield, MA 01201</u>	Project Number: <u>08008</u>	Date Shipped: <u>7/7/02</u>	Plastic	Plastic	Plastic	Glass	Glass	Plastic
Telephone: <u>(413) 494-6709</u>	Sampler Name(s): <u>SEAN C. COYLE</u>	Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	—	—	—	—	—	—
Facsimile: <u>(413) 494-7052</u>	NPDES Permit #: <u>MA0003891</u>		1 gal	1/2 gal	1 L	40 ml	40 mL	0.5 L
Contact Name: <u>Sean Coyle</u>	Ship these samples on Monday.							
	Quote #: <u>10/05</u> Client Code: <u>GEPITTS</u>							

SAMPLE IDENTIFICATION	COLLECTION		GRAB	COMPOSITE	MATRIX	ANALYSIS	NUMBER OF CONTAINERS								
	DATE	TIME													
Outfall Composite A9122C	<u>7/7/02</u>	<u>10 10 AM</u>		X	Effluent	<i>Ceriodaphnia dubia</i> chronic survival and reproduction (EPA Method 1002.0) Initial sample	1								
Housatonic River A9123R	<u>7/7/02</u>	<u>8 55 AM</u>	X		Receiving	Dilution Water	2								

Relinquished by: (signature)	DATE	TIME	Received by: (signature)	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: <u>4.0</u> °C. Dechlorinate the effluent sample if chlorine is detected.
	<u>7/7/02</u>	<u>11 35 AM</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	
	<u>7-8-02</u>	<u>09:00</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	

7/9/2008

CHRONIC AQUATIC TOXICITY COMPOSITE 7C2

Month: JULY
Week: 2
Fiscal Wk: 28
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	7:25AM	41,300	2,513.97	22.85%
004		0	-	0.00%
007		0	-	0.00%
64T	7:05AM	8,495	517.10	4.70%
64G	7:05AM	130,910	7,968.62	72.44%
09A		0	-	0.00%
09B	7:35AM	5	0.30	0.00%
		180,710	11000	100.00%

The Acute Toxicity Composite was made today by SEAN C. COYNE @ 9:05AM
according to the table above, and given the sample ID# A9130C

[Signature]
Signed
7/9/08
Date

Chain-of-Custody Form Number:	<u>6216</u>
Analysis:	<u>TOX COMPOSITE</u>
TIME:	<u>9:05AM</u>
Location:	<u>9:05AM</u> Date: <u>7/9/08</u>
Sample Label Serial Number	<u>A 09130C</u>

Cooler Receipt And Preservation Check Form

Project/Client GE-Pittsfield Submission Number _____

Cooler received on 7-10-08 by: KZE 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: 5.7° 4.2° _____

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below No No KZE 7-10-08 No No No

Date/Time Temperatures Taken: 7-10-08 @ 10:10 9:53

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. Stolo

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	YES NO		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	-	-			*Not to be tested before analysis - pH tested and recorded by VOAs or GenChem on a separate worksheet			PM OK to Adjust: _____	
	Zn Aceta	-	-							
	HCl	*	*							

Bottle lot numbers: _____
Other Comments: _____



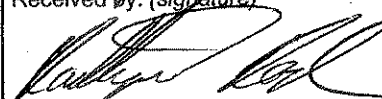
Aquatec Biological Sciences

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: <u>General Electric Company</u>	Project Name: <u>GE PITTSFIELD</u>	Carrier: <u>PRIORITY EXPRESS</u>	4°C	4°C	4°C	4°C	4°C	4°C
Address: <u>O'Brien & Gere</u> <u>1000 East Street, Gate 64</u>	Outfall Composite – RENEWAL SAMPLE	Airbill Number: <u> </u>	—	—	4°C H ₂ SO ₄	4°C H ₂ SO ₄	—	4°C HNO ₃
City/State/Zip: <u>Pittsfield, MA 01201</u>	Project Number: <u>08008</u>	Date Shipped: <u>7/9/08</u>	Plastic	Plastic	Plastic	Glass	Glass	Plastic
Telephone: <u>(413) 494-6709</u>	Sampler Name(s): <u>SEAN COYLE</u>	Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	—	—	—	—	—	—
Facsimile: <u>(413) 494-7052</u>	NPDES Permit #: <u>MA0003891</u>		1 gal	1/2 gal	1 L	40 ml	40 mL	0.5 L
Contact Name: <u>Sean Coyle</u>	Ship these samples on <u>Wednesday</u> .							
	Quote #: <u>10/05</u> Client Code: <u>GEPITTS</u>							

SAMPLE IDENTIFICATION	COLLECTION		GRAB	COMPOSITE	MATRIX	ANALYSIS	NUMBER OF CONTAINERS							
	DATE	TIME												
Outfall Composite <u>A9130C</u>	<u>7/9/08</u>	<u>9⁰⁵ AM</u>		X	Effluent	Ceriodaphnia dubia chronic survival and reproduction (EPA Method 1002.0) – Renewal 1	1							
¹⁹ Housatonic River <u>A9131R</u>	<u>7/9/08</u>	<u>8³⁰ AM</u>	X		Receiving	Dilution Water	2							

Relinquished by: (signature)	DATE	TIME	Received by: (signature)	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: <u>1.7</u> °C. Dechlorinate the effluent sample if chlorine is detected.
	<u>7/9/08</u>	<u>11:20 AM</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	
	<u>9/10/08</u>	<u>9:00</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	

7/11/2008

CHRONIC AQUATIC TOXICITY COMPOSITE 7C3

Month: JULY
Week: 2
Fiscal Wk: 28
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	7:30AM	14,790	1,388.53	9.26%
004		0	-	0.00%
007		0	-	0.00%
64T	7:10AM	10,760	1,010.18	6.73%
64G	7:10AM	134,090	12,588.80	83.93%
09A		0	-	0.00%
09B	7:50AM	133	12.49	0.08%
		159,773	15000	100.00%

The Acute Toxicity Composite was made today by SEAN R. COYNE @ 9:10AM
according to the table above, and given the sample ID# A9143C

[Signature]
Signed
7/11/08
Date

Chain-of-Custody Form Number:	<u>6219</u>
Analysis:	<u>TOX COMP</u>
TIME:	
Location:	<u>9:10AM</u> Date: <u>7/11/08</u>
Sample Label Serial Number	<u>A 09143C</u>

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 1 OF 2

SR #
CAS Contact

Project Name NPDES PERMIT		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																											
Project Manager J. NICHOLSON		Report CC		PRESERVATIVE																											
Company/Address GE CEP				NUMBER OF CONTAINERS	GC/MS VOA's <input type="checkbox"/> 8260 <input type="checkbox"/> 824 <input type="checkbox"/> CLP	GC/MS SVOA's <input type="checkbox"/> 8270 <input type="checkbox"/> 825 <input type="checkbox"/> CLP	GC VOA's <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602	PESTICIDES <input type="checkbox"/> 8081	PCBs <input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	METALS, TOTAL (7) EPA (List in comments below) 200.7	METALS, DISSOLVED (7) EPA (List in comments below) 200.7	METALS, TOTAL (3) EPA 200.7	EPA, DISTOMSD (1) 200.7	TOC 200.7	SM 5310C	ALUMINUM 2320B	TSS 2320B	SM 2540D	Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other <u>NO</u> <u>HEADSPACE</u>												
Phone # (413) 448-5915		FAX# (413) 448-5935																													
Sampler's Signature <i>J. C. Coyne</i>		Sampler's Printed Name JEAN C. COYLE																													
Client Sample ID		FOR OFFICE USE ONLY LAB ID																		SAMPLING DATE TIME		MATRIX									
A9143CTM		1117057		7/11/08 9:10 AM		H2O		1																							
A9144RTM		1117058		7/11/08 8:40 AM		H2O		1																							
A9143CDM		1117056		7/11/08 9:10 AM		H2O		1																							
A9143C		1117054		7/11/08 9:10 AM		H2O		3																							
A9144R		1117053		7/11/08 8:40 AM		H2O		3																							
A9143C		1117054		7/11/08 9:10 AM		H2O		1																							
A9144R		1117053		7/11/08 8:40 AM		H2O		1																							
A9143C		1117054		7/11/08 9:10 AM		H2O		1																							
A9144R		1117053		7/11/08 8:40 AM		H2O		1																							
1117053		1117053		7/11/08		H2O		1																							
SPECIAL INSTRUCTIONS/COMMENTS EPA Metals, TOTAL (7) 200.7 Cu, Pb, Cd, Cr, Ni, Ag, Zn					TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 24 hr <input type="checkbox"/> 48 hr <input type="checkbox"/> 5 day					REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries X IV. Data Validation Report with Raw Data V. Specialized Forms / Custom Report Edata <input type="checkbox"/> Yes <input type="checkbox"/> No					INVOICE INFORMATION PO# BILL TO: SUBMISSION #: R2844915																
METALS, TOTAL (3) 200.7 Al, Ca, Mg					STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE																										
DISSOLVED METAL (7) EPA 200.7 Cu, Pb, Ni, Zn, Cd, Cr, Ag																															
DISSOLVED METALS (1) EPA 200.7 Al																															
- SAMPLES PACKED IN ILS See QAPP <input type="checkbox"/>																															
SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N																															
RELINQUISHED BY <i>J. C. Coyne</i> Signature JEAN C COYLE Printed Name OBL Firm 7/11/08 2:00pm Date/Time		RECEIVED BY <i>Gregory D. Esmerian</i> Signature GREGORY D. ESMERIAN Printed Name CAS Firm 7/12/08 9:30 Date/Time		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY													

Cooler Receipt And Preservation Check Form

Project/Client GE Pittsfield Submission Number _____

Cooler received on 7-12-08 by: KJE 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° 4.0° _____

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: 7-12-08 @ 11:50

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: 7/14/08

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: _____

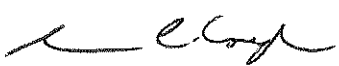


Aquatec Biological Sciences

Chain-of-Custody Record

273 Commerce Street
 Williston, VT 05495
 TEL: (802) 360-1038
 FAX: (802) 368-3189

COMPANY INFORMATION	COMPANY'S PROJECT INFORMATION	SHIPPING INFORMATION	VOLUME/CONTAINER TYPE/PRESERVATIVE					
Name: <u>General Electric Company</u>	Project Name: <u>GE PITTSFIELD</u>	Carrier: <u>PRIORITY EXPRESS</u>	4°C	4°C	4°C	4°C	4°C	4°C
Address: <u>O'Brien & Gere</u> <u>1000 East Street, Gate 64</u>	Outfall Composite – RENEWAL SAMPLE	Airbill Number: <u> </u>	—	—	H ₂ SO ₄	H ₂ SO ₄	—	HNO ₃
City/State/Zip: <u>Pittsfield, MA 01201</u>	Project Number: <u>08008</u>	Date Shipped: <u>7/11/08</u>	Plastic	Plastic	Plastic	Glass	Glass	Plastic
Telephone: <u>(413) 494-6709</u>	Sampler Name(s): <u>JEAN C. COYLE</u>	Hand Delivered: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	—	—	—	—	—	—
Facsimile: <u>(413) 494-7052</u>	NPDES Permit #: <u>MA0003891</u>		1 gal	1/2 gal	1 L	40 ml	40 mL	0.5 L
Contact Name: <u>Sean Coyle</u>	Ship these samples on Friday.							
	Quote #: <u>10/05</u> Client Code: <u>GEPITTS</u>							

SAMPLE IDENTIFICATION	COLLECTION		GRAB	COMPOSITE	MATRIX	ANALYSIS	NUMBER OF CONTAINERS							
	DATE	TIME												
Outfall Composite <u>A9143C</u>	<u>7/11/08</u>	<u>9:10 AM</u>		<u>X</u>	Effluent	<u>Ceriodaphnia dubia</u> chronic survival and reproduction (EPA Method 1002.0) – Renewal 2	2							
²⁰ Housatonic River <u>A9144R</u>	<u>7/11/08</u>	<u>7:40 AM</u>	<u>X</u>		Receiving	Dilution Water	2							

Relinquished by: (signature)	DATE	TIME	Received by: (signature)	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: <u>29</u> °C. Dechlorinate the effluent sample if chlorine is detected.
	<u>7/11/08</u>	<u>12:45 PM</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	
	<u>7/12/08</u>	<u>8:45</u>		
Relinquished by: (signature)	DATE	TIME	Received by: (signature)	