



GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

October 21, 2008

Mr. Dean Tagliaferro
EPA Project Coordinator
United States Environmental Protection Agency
c/o Weston Solutions, Inc.
10 Lyman Street
Pittsfield, MA 01201

**Re: Floodplain GE-Pittsfield/Housatonic River Site
Floodplain Residential and Non-Residential Properties Adjacent to 1½ Mile Reach of
Housatonic River (GECD710 and GECD720)
Summary of August/September 2008 Inspection Activities for the Group 4C Floodplain
Properties**

Dear Mr. Tagliaferro:

On August 12 and 13 and September 23, 2008, the General Electric Company (GE) performed post-remediation inspections of certain Phase 4 properties located within the floodplain adjacent to the 1½ Mile Reach of the Housatonic River. As depicted on Figure 1, the Phase 4 properties within the floodplain adjacent to the 1½ Mile Reach are divided into three groups (Groups 4A, 4B, and 4C). GE and EPA have agreed that Parcel I7-1-101 (in Group 4A) and Parcels I6-1-66 and I6-1-67 (Group 4B) will be inspected in accordance with an EPA document titled *Interim Post-Removal Site Control Plan - 1½-Mile Removal Reach (1½ Mile PRSC Plan)*. Accordingly, this letter documents the results of the August/September 2008 inspection activities conducted at the remaining properties within Phase 4 – i.e., Group 4C. Group 4C consists of two residential properties (Parcels I6-1-102 and I6-1-105) and four non-residential properties (Parcels I6-1-62, I6-1-103, I6-1-104, and I6-1-106). Remediation activities at these properties were completed in summer 2006. Previous post-remediation inspections were performed in September 2006, May and October 2007, and May 2008, with reports subsequently submitted to EPA. This letter documents the results of the August/September 2008 inspection activities at these properties.

Consistent with previous inspections, the August/September 2008 inspection was performed for areas that were backfilled and restored during the implementation of the remediation actions and included an assessment of the planted vegetation. The inspection of such areas at the two residential properties (Parcels I6-1-102 and I6-1-105) was performed in accordance with the Post-Removal Site Control requirements specified in the final version of the *Final Completion Report for Removal Action for Housatonic River Floodplain – Current Residential Properties Adjacent to 1½ Mile Reach (1½ Mile Residential Floodplain FCR)*, which was submitted to EPA on June 30, 2008 and approved by EPA on August 27, 2008. The inspection of the non-residential properties (Parcels I6-1-62, I6-1-103, I6-1-104, and I6-1-106) was performed in accordance with Section 10.3 of GE's approved August 2005 *Removal Design/Removal Action Work Plan for the Phase 4 Floodplain Properties* and the Revised Site Restoration Plan included in GE's May 15, 2006 *Addendum to Supplemental Information Package for the Phase 4 Floodplain Properties*, as modified and supplemented with a number of activities based on discussions between GE and EPA relating to the draft Final Completion Report (FCR) for the non-residential floodplain properties adjacent to the 1½ Mile Reach.

Summary of Inspection Activities

The areas inspected during the August/September 2008 inspection are shown on Figure 2. The four Group 4C non-residential properties (Parcels I6-1-62, I6-1-103, I6-1-104, and I6-1-106) were inspected and evaluated jointly. As shown on Figure 2, the areas inspected at these properties included not only the remediated areas, but also the approximate areas where access roads and staging areas were used and areas that were otherwise disturbed during the remediation.

The August/September 2008 inspection included observations of the backfilled/restored areas, as well as the other disturbed areas shown on Figure 2. These observations focused on the following: (a) the effectiveness of erosion controls in areas where vegetation is not yet established; (b) any areas where excessive settlement has occurred relative to the surrounding areas; (c) any drainage or growth problems; (d) any areas of erosion; and (e) other conditions that could affect the outcome of the completed remediation actions (for example, burrows, vehicle ruts, unauthorized uses of areas, etc.). The inspection also evaluated whether the herbaceous vegetation that has been planted or seeded is growing as anticipated and providing the desired degree of erosion control.

In addition, these activities included the inspection of trees and shrubs planted as part of restoration activities to ensure that they are growing as anticipated. Figure 3 contains the current restoration planting plan for the Group 4C properties. Observations at these properties included a stem count of planted trees/shrubs (quantity per species) in good health and a stem count of trees/shrubs that were dead or dying or showing evidence of stress or other potential problems within the Group 4C properties. Additionally, each tree/shrub observed was measured to determine the approximate average height and range of heights of each species of tree/shrub within the Group 4C properties. In conjunction with the tree and shrub observations, GE inspected tree cages, tree guards, and tree stakes (where present).

Additionally, based on discussions with EPA, the August/September 2008 inspection included observations of revegetated areas at Parcels I6-1-62, I6-1-103, I6-1-104, and I6-1-106 for evidence of invasive species. These observations were used to evaluate if any of the invasive species listed in EPA's 1½ Mile PRSC Plan were present over more than 5% of a given restored area, which is the trigger for implementing an invasive species control program.

The August/September 2008 inspection also included observations of the areas where the need for follow-up activities had been identified within Group 4C during the prior inspection in May 2008. These activities consisted of the following:

- Reinstallation of six box elders with exposed tree roots on Parcel I6-1-62 along its eastern property boundary;
- Addition of topsoil to roots, or reinstallation, of several trees and shrubs with exposed root structures in the area adjacent to the vernal pool on Parcel I6-1-106;
- Trimming of eight dogwoods in the area adjacent to the vernal pool on Parcel I6-1-106;
- Repair or replacement of several tree guards on trees in the area adjacent to the vernal pool on Parcel I6-1-106; and
- Repair of a tree guard around an eastern cottonwood west of the vernal pool on Parcel I6-1-106.

It was determined that all of these activities had been completed prior to the August/September 2008 inspection.

The results of the August/September 2008 inspection are included in an Inspection Summary and Checklist for each residential property subject to inspection and in a combined Inspection Summary and Checklist for Parcels I6-1-62, I6-1-103, I6-1-104, and I6-1-106. The form used in this inspection for the residential properties was the form included in the 1½ Mile Residential Floodplain FCR, and the form used for the non-residential properties was that developed for inclusion in the draft FCR for the 1½ Mile non-residential floodplain properties. The completed inspection forms for the August/September 2008 inspection are provided in Attachment A. Documentation of tree/shrub observations is provided in tables in Attachment B. These tables list, for each species, the number of trees/shrubs observed, the height of each individual tree/shrub counted, the condition of each tree/shrub observed, and the condition of the associated tree cage, guard, or stake.

Summary of Observations During Inspection

The August/September 2008 inspection indicated that the backfilled/restored areas at the inspected properties were in good overall condition and that the herbaceous vegetation was growing as anticipated. Tables B-1 through B-7 in Attachment B provide further information on the trees/shrubs observed, including a listing of the total number of plantings and their height and condition. GE and EPA have agreed that, for the Group 4C properties, the results of the tree/shrub observations will be used to evaluate whether the trees/shrubs are surviving at a frequency of 80% or greater of the planted quantity specified in the planting plan. The results of the tree/shrub observations and measuring activities are summarized in the following table:

Species	Tree/Shrub Count Results			Average Height (ft.)	Range of Heights (ft.)	Percent in Good Condition (%) ³	Percent Survival (%) ⁴
	Planted per Planting Plan ¹	Observed in Good Condition	Observed Dead/Stressed ²				
Maple	265 ⁵	273	0/0	9.7	6-15	>100	>100
Eastern Cottonwood	187	196	1/0	14.7	9-20	>100	>100
Box Elder	181	19	1/152	7.9	4-11	10	94
Northern Arrowwood	6	0	0/0	NA	NA	0	0
Winterberry Holly	5	5	0/0	4.0	4	100	100
Dogwood	10	7	0/0	4.0	3-5	70	70
Choke Cherry	4	3	0/0	7.7	7-8	75	75

Notes:

1. The quantity of each species listed in this column corresponds to the planted quantity identified on Figure 3 of this letter, which was based on prior planting plans updated by observations during the May 2008 inspection and discussions with EPA.
2. This column lists the number of dead trees/shrubs observed (if any) and then the number of trees/shrubs that were not dead but were considered “stressed.”
3. This column shows the percentage of trees/shrubs that were in good condition relative to the quantity specified on Figure 3.
4. This column shows the percentage of trees/shrubs that were alive (including plants with identified problems) relative to the quantity specified on Figure 3.
5. Three of the maples planted within the Group 4C properties are on residential Parcel I6-1-102. The remaining maples were planted on non-residential parcels.

The results of the tree/shrub counting activities indicate that, of the seven species planted at Group 4C, three species have a percent survival of 100% or greater, one species has a percent survival greater than 80%, and three species have a percent survival less than 80% (due to several shrubs not being located). As also indicated in the above table, the majority of box elders in this area were observed to be stressed. These box elders were observed to have a fungal disease identified as *Anthracoses*, a disease common to box elders

exposed to extended periods of wet weather. After consultation with a certified arborist, GE has determined that fungal maintenance/treatment activities would not be practical or an effective means of controlling this disease for the affected trees. Furthermore, GE anticipates the full recovery of these trees during the 2009 growing season if excessively wet conditions do not continue to prevail. In addition to the above observations, seven dogwoods in the vernal pool area were found to need tree guards.

As noted above, the August/September 2008 inspection included observations of revegetated areas at the non-residential floodplain properties within Group 4C for evidence of any of the invasive species listed in EPA's 1½ Mile PRSC Plan. That inspection indicated that the following invasive species were present:

- Coltsfoot (*Tussilago farfara*);
- Common mullein (*Verbascum thapsus*);
- Goutweed (*Aegopodium podagraria*);
- Japanese Knotweed (*Polygonum cuspidatum*);
- Purple loosestrife (*Lythrum salicaria*);
- Spotted knapweed (*Centaurea biebersteinii*);
- Winged euonymus (*Euonymus alata*); and
- Honeysuckle (species unknown).

The invasive species inspection showed further that, of these eight observed invasive species, only one, goutweed, is present over more than 5% of a given restored area.

Replanting/Maintenance Activities

For the three species that were found to have a percent survival less than 80% (northern arrowwood, dogwood, and choke cherry), GE will perform replanting activities to meet the planting plan quantities indicated on the restoration planting plan. This will include planting 6 northern arrowwoods, 3 dogwoods, and 1 choke cherry. These replanting activities will be completed this fall. GE will equip replanted trees with a tag identifying the species of tree, the installation date, and the size at the time of installation. These replanting activities will be documented in the next inspection summary letter. In addition, GE will revise Figure 3 to include an inventory of the original plantings as well as the species, installation date, and size of the replanted shrubs at the time of the replanting. The revised Figure 3 will serve as the basis for the next inspection and will be submitted to EPA.

Tree guards on the seven dogwoods observed as needing tree guards in the vernal pool area will be installed this fall.

Based on the invasive species inspection and after consultation with a certified arborist, GE determined that a treatment program targeting goutweed should be implemented. This treatment program includes two invasive species treatment applications in fall 2008 and an informal inspection by a certified arborist in spring 2009 to determine the need for additional treatment applications. Two invasive species treatment applications took place in fall 2008. The informal inspection in spring 2009, as well as any supplemental treatments applied at the recommendation of the arborist, will be documented in the next inspection summary letter.

Schedule for Future Inspections

Future inspections of the remediated Group 4C floodplain properties will be conducted in accordance with the applicable Post-Removal Site Control requirements specified in the relevant FCRs (assuming that the FCR for the non-residential floodplain properties has been approved by the time of the next inspection). The backfilled/restored area and the revegetated areas at the Group 4C properties will be inspected two times per year (in May and August or September) for the remainder of the 5-year monitoring period (i.e., through 2011), subject to a reduction in this frequency based on discussions between GE and EPA and approval of EPA. The next such inspection is scheduled for May 2009. In addition, inspections of the backfilled/restored areas will be conducted after severe storm events.

As noted above, the areas subject to the goutweed treatment program will be informally inspected in spring 2009 to determine the need for additional treatment applications. The regular invasive species inspections of the revegetated areas at the non-residential floodplain properties will be performed on an annual basis in August or September for the remainder of the 5-year monitoring period (i.e., through 2011), with the next such regular inspection scheduled for August or September 2009.

Finally, GE will inspect the vernal pool area at Parcel I6-1-106 on an annual basis in April or May through 2011, with the next vernal pool inspection scheduled for April or May 2009. The scope of these inspections is currently under discussion with EPA.

Following each inspection, an inspection report will be prepared and submitted to EPA within 30 days of the completion of the inspection.

Please call me if you have any comments or questions.

Sincerely

Richard W. Gates/EOB

Richard W. Gates
Remediation Project Manager

Attachments

cc: Rose Howell, EPA*
Holly Inglis, EPA
Tim Conway, EPA*
John Kilborn, EPA
K.C. Mitkevicius, USACE
Michael Gorski, MDEP (2 copies)
Susan Steenstrup, MDEP
Anna Symington, MDEP*
Jane Rothchild, MDEP*
Joanne Flescher, MDEP*
Nancy E. Harper, MA AG*
Dale Young, MA EOE*
Mayor James Ruberto, City of Pittsfield*

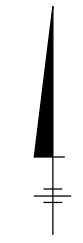
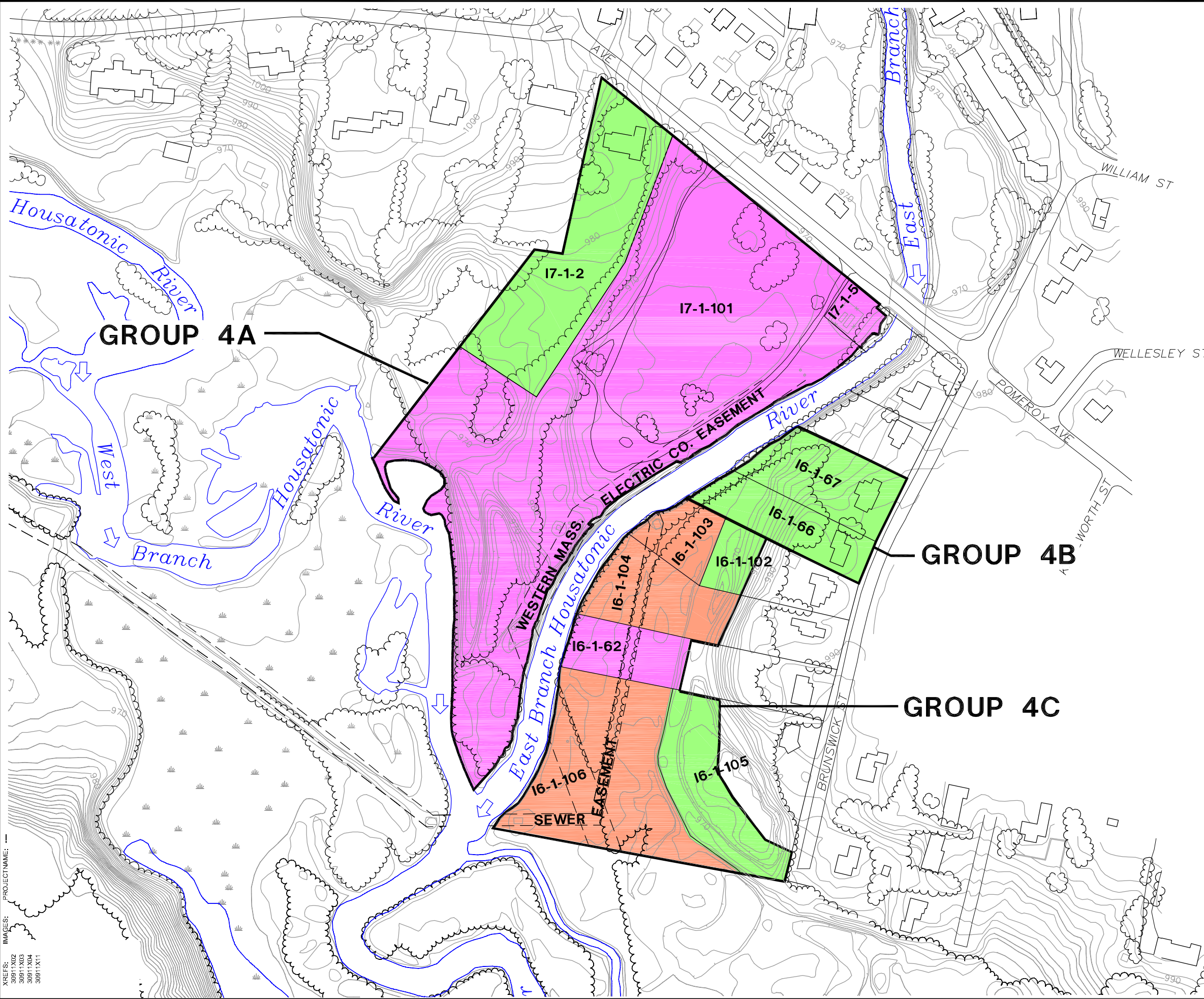
Linda Palmieri, Weston
Michael Carroll, GE*
Rod McLaren, GE*
James Nuss, ARCADIS
James Bieke, Goodwin Procter
Property Owner – Parcel I6-1-62
Property Owner – Parcel I6-1-102
Property Owner – Parcel I6-1-103
Property Owner – Parcel I6-1-104
Property Owner – Parcel I6-1-105
Property Owner – Parcel I6-1-106
Public Information Repositories
GE Internal Repository

* cover letter only

ARCADIS

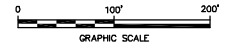
Figures

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- LEGEND**
- PROPERTY BOUNDARY
 - PROPERTY ID
 - VEGETATION
 - ELEVATION CONTOUR
 - EDGE OF WATER
 - PAVED ROADWAY
 - UNPAVED ROADWAY OR TRAIL
 - RESIDENTIAL PROPERTY – ACTUAL/POTENTIAL LAWN AREA (AS DEFINED IN SOW)
 - NON-GE-OWNED RECREATIONAL PROPERTY – NON-BANK AREA
 - GE-OWNED RECREATIONAL PROPERTY – NON-BANK AREA

- NOTES:**
1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
 2. PARCEL IDENTIFICATION AND BOUNDARIES ARE BASED ON CITY OF PITTSFIELD TAX ASSESSORS' INFORMATION.



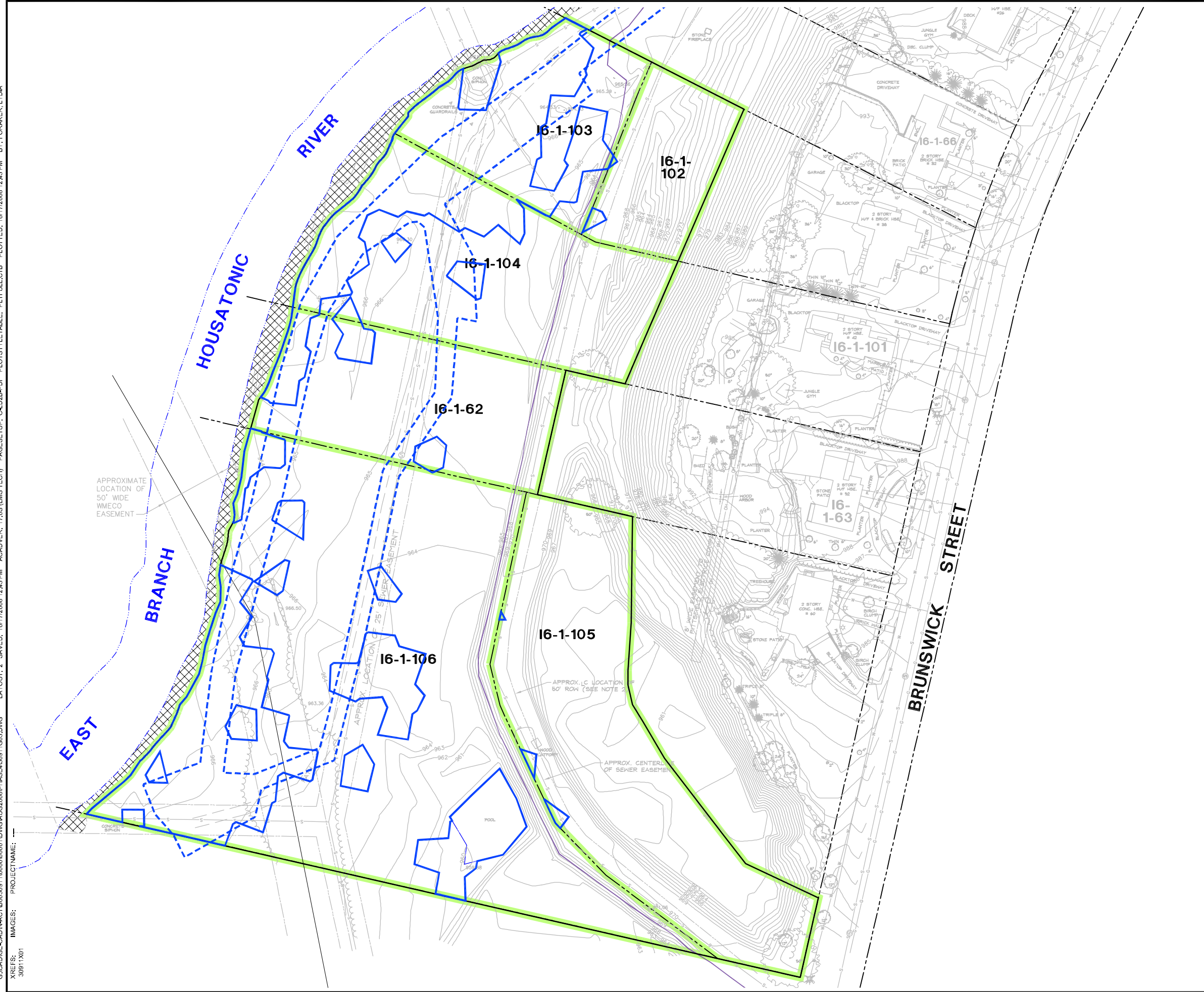
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PHASE 4 FLOODPLAIN PROPERTIES ADJACENT TO THE 1 1/2 MILE REACH OF THE HOUSATONIC RIVER

SITE PLAN



CITY: SYRACUSE, NY; GROUP: 141; DB: NES; DWG: LAF; LD: DMW; LYRON: OFF; REF: G:\CAD\GE-CAD\INACT\1000000000\1000000000\DWG\GAUG2008\PHASE4\30911\G103.DWG; LAYOUT: 2; SAVED: 10/17/2008 12:43 PM; ACADVER: 7.05 (LMS TECH); PAGES: 2; PAGES SETUP: C:\D2B-PDF; PLOTTED: 10/17/2008 12:43 PM; BY: FORAKER, LYDIA

PROJECT NAME: 3091TX01

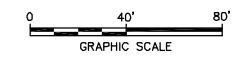


LEGEND

- BOUNDARY OF FLOODPLAIN PROPERTIES AS DESIGNATED IN SOW
- - - APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE HORIZONTAL LIMITS OF AVERAGING AREA
- 16-1-63 RESIDENTIAL PROPERTY PARCEL ID
- 16-1-62 NON-RESIDENTIAL PROPERTY PARCEL ID
- 10 YEAR FLOODPLAIN
- WIRE FENCE
- CHAIN LINK FENCE
- WOODEN FENCE
- STONE WALL/RETAINING WALL
- WATER LINE
- GAS LINE
- SANITARY SEWER
- OVERHEAD ELECTRIC
- 970 ELEVATION CONTOUR (1 FOOT CONTOUR INTERVAL)
- EDGE OF BUSHES/HEDGE
- SHRUB
- CONIFEROUS TREE
- DECIDUOUS TREE
- LIGHT POLE
- UTILITY POLE
- SANITARY MANHOLE
- HYDRANT
- EASEMENT LINE
- APPROXIMATE EDGE OF WATER
- AREA ASSOCIATED WITH EPAs 1 1/2 MILE REACH REMOVAL ACTION
- SOIL REMOVAL AREAS SUBJECT TO INSPECTION
- APPROXIMATE LIMITS OF OTHER DISTURBED AREAS (E.G. STAGING AREAS, ACCESS ROADS, ETC.) - ALSO SUBJECT TO INSPECTION



- NOTES:**
1. THE BASE MAP FEATURES (EXCLUDING THE RIVERS) PRESENTED ON THIS FIGURE ARE FROM SURVEY BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, FILE NO. GE1100-001, DATED 6/7/05. RIVER LOCATIONS WERE PHOTOGAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. RIVER LOCATIONS ARE APPROXIMATE.
 2. THE 10 YEAR FLOODPLAIN LINE IS APPROXIMATE AND WAS DERIVED USING HYDRAULIC MODELING PERFORMED BY BLASLAND, BOUCK & LEE, INC. (1994) AND AVAILABLE TOPOGRAPHIC MAPPING.
 3. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN.
 4. THE PARCELS SHOWN HEREON MAY BE SUBJECT TO RIGHTS AND EASEMENTS AS CONTAINED IN THE VARIOUS DEEDS OF RECORD DESCRIBING SAID PREMISES. ALL RIGHTS AND EASEMENTS MAY NOT BE DEPICTED HEREON.
 5. LIMIT OF EPA RESPONSE ACTIONS ASSOCIATED WITH THE 1 1/2 MILE REACH IS BASED ON ELECTRONIC FILE RECEIVED FROM EPA ON JUNE 14, 2005.



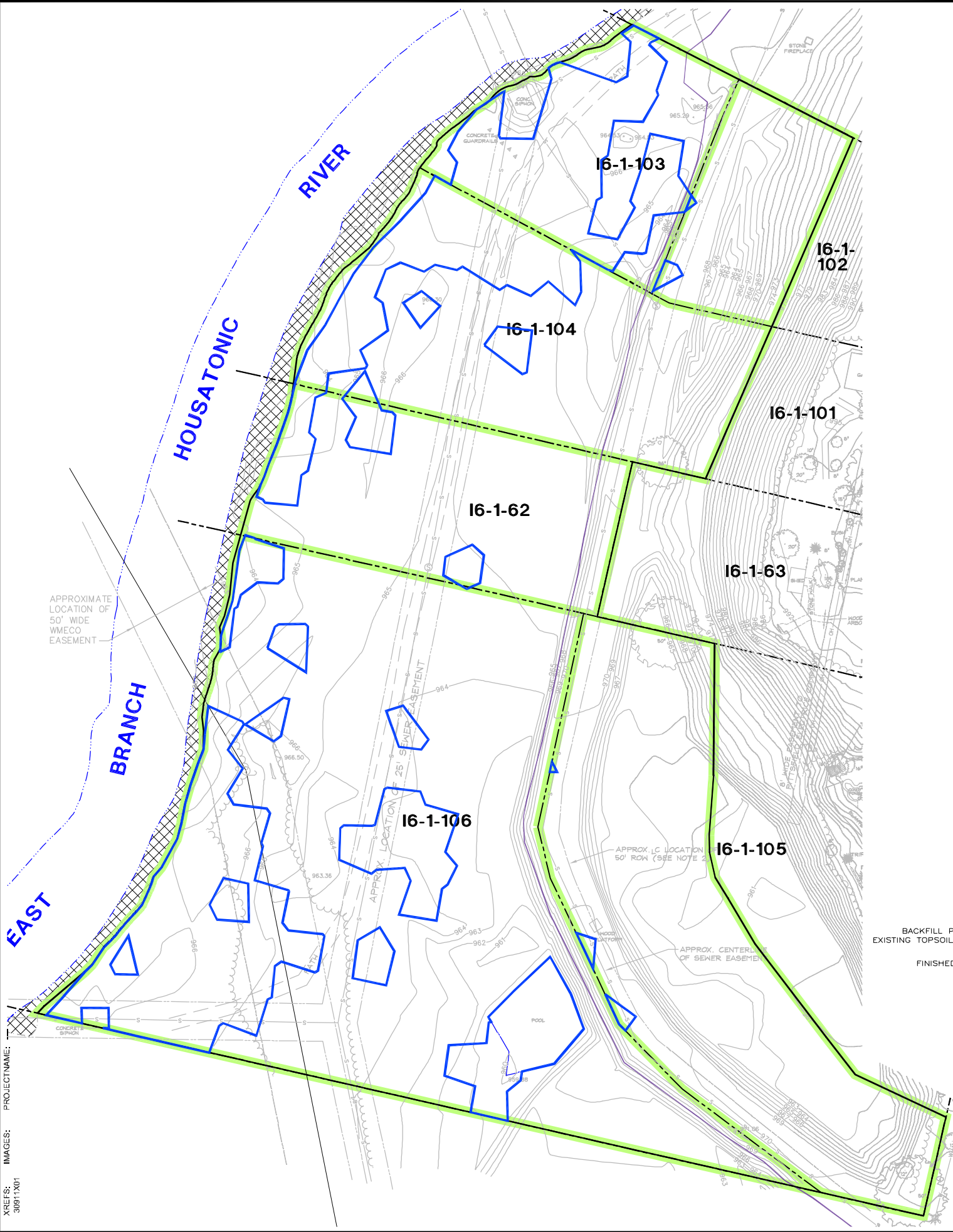
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
**PHASE 4 FLOODPLAIN PROPERTIES ADJACENT TO THE
1 1/2 MILE REACH OF THE HOUSATONIC RIVER**

**AREAS SUBJECT TO INSPECTION
- PHASE 4, GROUP 4C**



FIGURE
2

CITY: SYRACUSE, NY; GROUP: 141; DB: NES; KLS; DMW; LD: DMW; LYRON; OFF: REF; G:\CAD\GE-CAD\NACT\1000000001\DWG\AUG2008\PHASE4\3091\G102.DWG; LAYOUT: 3; SAVED: 10/3/2008 3:47 PM; ACADVER: 17.05 (LMS TECH); PAGES: 17; PLOTTED: 10/17/2008 10:57 AM; BY: HOWES, DAVID



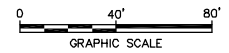
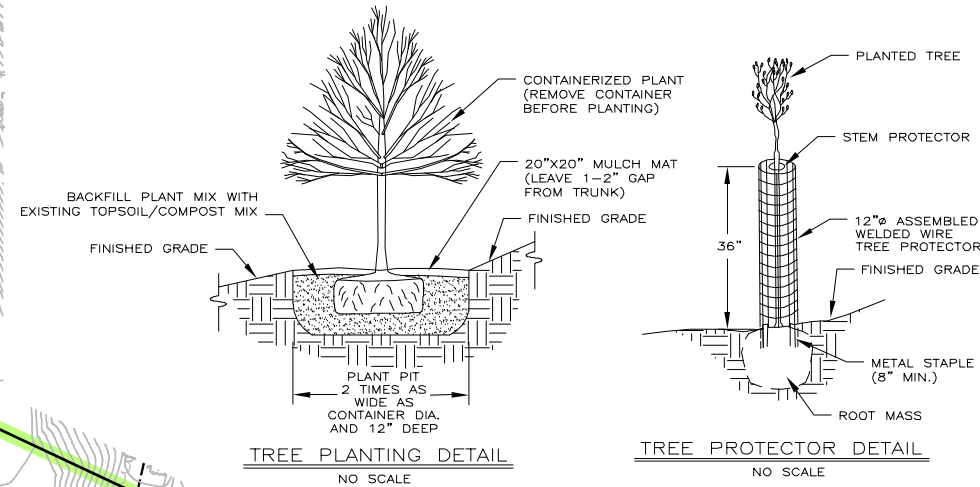
Species	Total Planted
Upland Areas	
Silver Maple (Acer saccharinum)	265
Red Maple (Acer rubrum)	
Sugar Maple (Acer saccharum)	
Eastern Cottonwood (Populus deltoides)	
Box Elder (Acer negundo)	181
Northern Arrowwood (Viburnum dentatum)	6
Winterberry Holly (Ilex verticillata)	5
Dogwood (Cornus sercea)	10
Chokecherry (Prunus virginiana)	4
Total	658

Note: 3 of the maples planted within the Phase 4C properties are on residential Parcel 16-1-102. The remaining maples were planted on non-residential parcels.

LEGEND

- BOUNDARY OF FLOODPLAIN PROPERTIES AS DESIGNATED IN SOW
- - - APPROXIMATE PARCEL BOUNDARY
- █ APPROXIMATE HORIZONTAL LIMITS OF AVERAGING AREA
- 16-1-62 PROPERTY PARCEL ID
- 10 YEAR FLOODPLAIN
- x-x-x WIRE FENCE
- - - CHAIN LINK FENCE
- - - WOODEN FENCE
- - - STONE WALL/RETAINING WALL
- - - WATER LINE
- - - GAS LINE
- - - SANITARY SEWER
- - - OVERHEAD ELECTRIC
- - - ELEVATION CONTOUR (1 FOOT CONTOUR INTERVAL)
- - - EDGE OF BUSHES/HEDGE
- SHRUB
- CONIFEROUS TREE
- DECIDUOUS TREE
- LIGHT POLE
- UTILITY POLE
- SANITARY MANHOLE
- HYDRANT
- - - EASEMENT LINE
- - - APPROXIMATE EDGE OF WATER
- ▨ AREA ASSOCIATED WITH EPA'S 1 1/2 MILE REACH REMOVAL ACTION
- ▭ LIMITS OF SOIL REMOVAL

- NOTES:**
- THE BASE MAP FEATURES (EXCLUDING THE RIVERS) PRESENTED ON THIS FIGURE ARE FROM SURVEY BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, FILE NO. GE1100-001, DATED 6/7/05. RIVER LOCATIONS WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. RIVER LOCATIONS ARE APPROXIMATE.
 - THE 10 YEAR FLOODPLAIN LINE IS APPROXIMATE AND WAS DERIVED USING HYDRAULIC MODELING PERFORMED BY BLASLAND, BOUCK & LEE, INC. (1994) AND AVAILABLE TOPOGRAPHIC MAPPING.
 - UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN.
 - THE PARCELS SHOWN HEREON MAY BE SUBJECT TO RIGHTS AND EASEMENTS AS CONTAINED IN THE VARIOUS DEEDS OF RECORD DESCRIBING SAID PREMISES. ALL RIGHTS AND EASEMENTS MAY NOT BE DEPICTED HEREON.
 - LIMIT OF EPA RESPONSE ACTIONS ASSOCIATED WITH THE 1 1/2 MILE REACH IS BASED ON ELECTRONIC FILE RECEIVED FROM EPA ON JUNE 14, 2005.



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PHASE 4 FLOODPLAIN PROPERTIES ADJACENT TO THE 1 1/2 MILE REACH OF THE HOUSATONIC RIVER

RESTORATION PLANTING PLAN FOR PHASE 4 - GROUP 4C



ARCADIS

Attachment A

Completed Inspection Forms

INSPECTION SUMMARY AND CHECKLIST

**HOUSATONIC RIVER (1.5-MILE REACH)
NON-RESIDENTIAL FLOODPLAIN PROPERTIES**

PARCELS I6-1-62, I6-1-103, I6-1-104, AND I6-1-106

I. GENERAL INFORMATION

Inspection Date: August 12, 13, and September 23, 2008
Conducted By/Phone Number: Paolo Filippetti 585.385.0090 ext.35
Weather Conditions: Partly Sunny
Date of Last Inspection: May 14, 2008

II. INSPECTION SUMMARY

1. Confirm that Figure 6 of the draft *Final Completion Report for Removal Action for Housatonic River Floodplain - Non-Residential Properties* (Final Completion Report) and the as-built survey drawings for the Group 4C floodplain properties included in Appendix B of that document have been reviewed.
- Confirmed
2. **Soil Backfill and Other Restored Areas** (Note any physical changes since last inspection; note evidence of any of the following: excessive settlement, soil erosion, drainage problems, burrows, vehicle ruts, unauthorized excavations, unauthorized uses of areas, etc.)
- All areas in good condition.
3. **Vegetation Area** (On a semi-annual basis [in May and August/September], note any physical changes since last inspection; note general condition of vegetative cover [e.g., evidence of stressed/sparse cover], other landscaping items [trees, shrubs, etc.] planted during restoration activities, tree guards, tree cages, and tree stakes; review the restoration planting plan included in Appendix H [Figure H-1] of the Final Completion Report and determine the percent survivorship [per species] of the 262 maple trees, 187 eastern cottonwood trees, 181 box elders, six northern arrow-wood, five winterberry holly, 10 dogwoods, and four chokecherries subject to inspection [for this purpose, the four Group 4C non-residential properties will be evaluated as one area in determining compliance with the survival standard of 80%]; and measure and record the size of all trees and shrubs subject to inspection.)
- Herbaceous vegetative cover is in good condition.
 - Majority of box elders were stressed.
 - One box elder was dead.
 - One cottonwood in the vernal pool area was dead.
 - None of six northern arrowwoods in the vernal pool area were observed.
 - Seven of the eight dogwoods in the vernal pool were observed.
 - Other trees/shrubs planted are in good condition.
4. **Presence of Invasive Species** (On an annual basis [in August or September], note any evidence of those invasive species listed in EPA's Post-Removal Site Control Plan for the 1-1/2 Mile Reach [with any revisions; see attached list]; note the percentage of revegetated areas occupied by invasive species and list the species that are present.)
- The following invasive species were observed: coltsfoot (*Tussilago farfara*); common mullein (*Verbascum thapsus*); goutweed (*Aegopodium podagraria*); Japanese knotweed (*Polygonum cuspidatum*); purple loosestrife (*Lythrum salicaria*); spotted knapweed (*Centaurea biebersteinii*); winged euonymus (*Euonymus alata*); and honeysuckle (species unknown).
 - Goutweed was the only invasive species observed to be present over more than 5% of a given restored area.

INSPECTION SUMMARY AND CHECKLIST

**HOUSATONIC RIVER (1.5-MILE REACH)
NON-RESIDENTIAL FLOODPLAIN PROPERTIES**

PARCELS I6-1-62, I6-1-103, I6-1-104, AND I6-1-106

II. INSPECTION SUMMARY (CONTINUED)

5. Vernal Pool at Parcel I6-1-106 *(On an annual basis [in April or May], photograph the condition of the vernal pool and document [via the Obligate Species Method, as defined by the State Division of Fisheries & Wildlife in its Guidelines for the Certification of Vernal Pool Habitat (2001; attached)] acceptable breeding evidence for those vertebrate and invertebrate species that rely on vernal pools for all or a portion of their life cycle and are unable to successfully complete their life cycle without vernal pools.)*

- NA - subject to annual inspection in April or May 2009.

6. Other Observations *(Confirm that repair/maintenance measures identified during prior inspection have been performed; note any other general observations, including parcel-specific restoration activities.)*

- Six Box Elders with exposed roots along border with Parcel I6-1-63 were previously reinstalled.
- Trees/shrubs within the vernal pool area with exposed roots were previously covered with topsoil or reinstalled.
- Eight dogwoods within the vernal pool area were previously trimmed.
- Damaged tree guards in the vernal pool area were previously repaired or replaced.

III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES

- Install six northern arrowwoods with tree guards in vernal pool area.
- Install three red osier dogwoods with tree guards in vernal pool area.
- Install one choke cherry with tree guard in vernal pool area.
- Install seven tree guards on red osier dogwoods in vernal pool area.
- Initiate invasive species treatment program with two treatment applications in Fall 2008, informal inspection in Spring 2009, and additional treatments at the recommendation of an arborist (Fall 2008 treatments have been completed).

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

INSPECTION SUMMARY AND CHECKLIST

**HOUSATONIC RIVER (1.5-MILE REACH)
RESIDENTIAL FLOODPLAIN PROPERTIES**

PARCEL I6-1-102

I. GENERAL INFORMATION

Inspection Date: August 12 and 13, 2008
Conducted By/Phone Number: Paolo Filippetti 585.385.0090 ext.35
Weather Conditions: Partly Sunny
Date of Last Inspection: May 14, 2008

II. INSPECTION SUMMARY

1. Confirm that Figure 6, 7, 8, 9, 10, or 11 (as they apply to the property being inspected) of the *Final Completion Report for Removal Action for Housatonic River Floodplain - Current Residential Properties Adjacent to 1-1/2 Mile Reach* (Final Completion Report) and the applicable as-built survey drawings included in Appendix B of that document have been reviewed.

- Confirmed

2. **Soil Backfill and Other Restored Areas** (Note any physical changes since last inspection; note evidence of any of the following: excessive settlement, soil erosion, drainage problems, burrows, vehicle ruts, unauthorized excavations, unauthorized uses of areas, etc.)

- All areas in good condition.

3. **Vegetation Area** (Note any physical changes since last inspection; note general condition of vegetative cover [e.g., evidence of stressed/sparse cover], other landscaping items [trees, shrubs, etc.] planted during restoration activities, tree guards, tree cages, and tree stakes; for Parcels I7-2-20, I7-2-44, I7-3-6, and I7-3-7, monitor the grass/herbaceous cover for evidence of stress until such time as the cover is adequately established and growing as anticipated; review the applicable restoration planting plan included in Appendix H of the Final Completion Report [for Phase 3, the trees/shrubs subject to inspection are listed on Table H-1 of Appendix H] and determine the percent survivorship of planted trees and shrubs subject to inspection; and measure and record the size of all trees and shrubs subject to inspection.)

- Herbaceous vegetative cover is in good condition.

- Note that 3 of the maples planted within the Group 4C floodplain properties are on residential Parcel I6-1-102.

- All trees planted are in good condition.

4. **Other Observations** (Confirm that repair/maintenance measures identified during prior inspection have been performed; note any other general observations, including parcel-specific restoration activities.)

- None

III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES

- None

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

INSPECTION SUMMARY AND CHECKLIST

**HOUSATONIC RIVER (1.5-MILE REACH)
RESIDENTIAL FLOODPLAIN PROPERTIES**

PARCEL I6-1-105

I. GENERAL INFORMATION

Inspection Date: August 12 and 13, 2008
Conducted By/Phone Number: Paolo Filippetti 585.385.0090 ext.35
Weather Conditions: Partly Sunny
Date of Last Inspection: May 14, 2008

II. INSPECTION SUMMARY

1. Confirm that Figure 6, 7, 8, 9, 10, or 11 (as they apply to the property being inspected) of the *Final Completion Report for Removal Action for Housatonic River Floodplain - Current Residential Properties Adjacent to 1-1/2 Mile Reach* (Final Completion Report) and the applicable as-built survey drawings included in Appendix B of that document have been reviewed.

- Confirmed

2. **Soil Backfill and Other Restored Areas** (Note any physical changes since last inspection; note evidence of any of the following: excessive settlement, soil erosion, drainage problems, burrows, vehicle ruts, unauthorized excavations, unauthorized uses of areas, etc.)

- All areas in good condition.

3. **Vegetation Area** (Note any physical changes since last inspection; note general condition of vegetative cover [e.g., evidence of stressed/sparse cover], other landscaping items [trees, shrubs, etc.] planted during restoration activities, tree guards, tree cages, and tree stakes; for Parcels I7-2-20, I7-2-44, I7-3-6, and I7-3-7, monitor the grass/herbaceous cover for evidence of stress until such time as the cover is adequately established and growing as anticipated; review the applicable restoration planting plan included in Appendix H of the Final Completion Report [for Phase 3, the trees/shrubs subject to inspection are listed on Table H-1 of Appendix H] and determine the percent survivorship of planted trees and shrubs subject to inspection; and measure and record the size of all trees and shrubs subject to inspection.)

- Herbaceous vegetative cover is in good condition (no trees/shrubs planted).

4. **Other Observations** (Confirm that repair/maintenance measures identified during prior inspection have been performed; note any other general observations, including parcel-specific restoration activities.)

- None

III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES

- None

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

ARCADIS

Attachment B

Documentation of Tree/Shrub
Observations

**TABLE B-1
SUMMARY OF TREE/SHRUB OBSERVATIONS - BOX ELDER (*Acer negundo*)**

**SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
1	7	Good	Good	None
2	7	Good	Good	None
3	8	Stressed	Good	None
4	7	Stressed	Good	None
5	7	Stressed	Good	None
6	7	Stressed	Good	None
7	8	Stressed	Good	None
8	7	Stressed	Good	None
9	7	Stressed	Good	None
10	7	Stressed	Good	None
11	9	Stressed	Good	None
12	9	Stressed	Good	None
13	9	Stressed	Good	None
14	9	Stressed	Good	None
15	8	Stressed	Good	None
16	9	Stressed	Good	None
17	8	Stressed	Good	None
18	7	Stressed	Good	None
19	7	Stressed	Good	None
20	10	Stressed	Good	None
21	7	Stressed	Good	None
22	7	Stressed	Good	None
23	8	Stressed	Good	None
24	8	Stressed	Good	None
25	8	Stressed	Good	None
26	8	Stressed	Good	None
27	9	Stressed	Good	None
28	9	Stressed	Good	None
29	9	Stressed	Good	None
30	9	Stressed	Good	None
31	9	Stressed	Good	None
32	8	Stressed	Good	None
33	8	Stressed	Good	None
34	8	Stressed	Good	None
35	10	Stressed	Good	None
36	9	Stressed	Good	None
37	9	Stressed	Good	None
38	7	Stressed	Good	None
39	10	Stressed	Good	None
40	8	Stressed	Good	None
41	9	Good	Good	None
42	8	Stressed	Good	None
43	9	Stressed	Good	None
44	9	Stressed	Good	None
45	8	Stressed	Good	None
46	8	Stressed	Good	None
47	8	Stressed	Good	None
48	9	Stressed	Good	None
49	7	Stressed	Good	None
50	8	Stressed	Good	None
51	8	Stressed	Good	None
52	6	Stressed	Good	None
53	8	Stressed	Good	None
54	8	Stressed	Good	None

**TABLE B-1
SUMMARY OF TREE/SHRUB OBSERVATIONS - BOX ELDER (*Acer negundo*)**

**SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
55	7	Stressed	Good	None
56	7	Stressed	Good	None
57	7	Stressed	Good	None
58	7	Stressed	Good	None
59	7	Stressed	Good	None
60	8	Stressed	Good	None
61	11	Good	Good	None
62	7	Stressed	Good	None
63	8	Stressed	Good	None
64	8	Stressed	Good	None
65	8	Stressed	Good	None
66	9	Good	Good	None
67	9	Stressed	Good	None
68	8	Stressed	Good	None
69	8	Stressed	Good	None
70	8	Stressed	Good	None
71	9	Stressed	Good	None
72	7	Stressed	Good	None
73	8	Stressed	Good	None
74	7	Good	Good	None
75	8	Stressed	Good	None
76	7	Stressed	Good	None
77	7	Stressed	Good	None
78	8	Stressed	Good	None
79	8	Stressed	Good	None
80	7	Good	Good	None
81	6	Dead	Good	None
82	8	Stressed	Good	None
83	10	Good	Good	None
84	9	Stressed	Good	None
85	8	Good	Good	None
86	7	Good	Good	None
87	9	Stressed	Good	None
88	6	Stressed	Good	None
89	8	Stressed	Good	None
90	9	Stressed	Good	None
91	8	Stressed	Good	None
92	9	Stressed	Good	None
93	7	Stressed	Good	None
94	8	Stressed	Good	None
95	8	Stressed	Good	None
96	9	Stressed	Good	None
97	7	Stressed	Good	None
98	7	Stressed	Good	None
99	8	Stressed	Good	None
100	8	Stressed	Good	None
101	10	Stressed	Good	None
102	7	Stressed	Good	None
103	7	Stressed	Good	None
104	8	Stressed	Good	None
105	8	Stressed	Good	None
106	6	Stressed	Good	None
107	7	Stressed	Good	None
108	7	Stressed	Good	None

**TABLE B-1
SUMMARY OF TREE/SHRUB OBSERVATIONS - BOX ELDER (*Acer negundo*)**

**SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
109	6	Stressed	Good	None
110	6	Stressed	Good	None
111	10	Stressed	Good	None
112	10	Stressed	Good	None
113	7	Good	Good	None
114	7	Stressed	Good	None
115	7	Stressed	Good	None
116	8	Stressed	Good	None
117	9	Stressed	Good	None
118	7	Stressed	Good	None
119	8	Stressed	Good	None
120	8	Good	Good	None
121	8	Stressed	Good	None
122	8	Stressed	Good	None
123	8	Stressed	Good	None
124	9	Stressed	Good	None
125	8	Stressed	Good	None
126	8	Stressed	Good	None
127	7	Stressed	Good	None
128	7	Good	Good	None
129	8	Stressed	Good	None
130	8	Stressed	Good	None
131	9	Stressed	Good	None
132	7	Stressed	Good	None
133	8	Stressed	Good	None
134	8	Stressed	Good	None
135	8	Stressed	Good	None
136	8	Stressed	Good	None
137	8	Stressed	Good	None
138	9	Stressed	Good	None
139	7	Stressed	Good	None
140	8	Stressed	Good	None
141	8	Stressed	Good	None
142	4	Good	Good	None
143	8	Stressed	Good	None
144	8	Stressed	Good	None
145	8	Stressed	Good	None
146	4	Good	Good	None
147	8	Stressed	Good	None
148	9	Stressed	Good	None
149	8	Stressed	Good	None
150	9	Stressed	Good	None
151	7	Stressed	Good	None
152	7	Stressed	Good	None
153	8	Stressed	Good	None
154	9	Good	Good	None
155	7	Stressed	Good	None
156	8	Stressed	Good	None
157	7	Stressed	Good	None
158	7	Stressed	Good	None
159	8	Stressed	Good	None
160	8	Stressed	Good	None
161	8	Stressed	Good	None
162	9	Stressed	Good	None

**TABLE B-1
SUMMARY OF TREE/SHRUB OBSERVATIONS - BOX ELDER (*Acer negundo*)**

**SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
163	7	Good	Good	None
164	8	Stressed	Good	None
165	7	Stressed	Good	Location - Vernal Pool
166	6	Good	Good	Location - Vernal Pool
167	7	Good	Good	Location - Vernal Pool
168	8	Stressed	Good	Location - Vernal Pool
169	7	Stressed	Good	Location - Vernal Pool
170	8	Stressed	Good	Location - Vernal Pool
171	8	Stressed	Good	Location - Vernal Pool
172	7	Stressed	Good	Location - Vernal Pool

Average Height (ft.):	7.9
Height Range (ft.):	4 - 11
Total Tree Count:	172

**TABLE B-2
SUMMARY OF TREE/SHRUB OBSERVATIONS - EASTERN COTTONWOOD (*Populus deltoides*)**

**SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
1	18	Good	Good	None
2	19	Good	Good	None
3	15	Good	Good	None
4	15	Good	Good	None
5	16	Good	Good	None
6	13	Good	Good	None
7	12	Good	Good	None
8	16	Good	Good	None
9	14	Good	Good	None
10	16	Good	Good	None
11	16	Good	Good	None
12	15	Good	Good	None
13	15	Good	Good	None
14	13	Good	Good	None
15	15	Good	Good	None
16	15	Good	Good	None
17	15	Good	Good	None
18	15	Good	Good	None
19	13	Good	Good	None
20	15	Good	Good	None
21	15	Good	Good	None
22	15	Good	Good	None
23	14	Good	Good	None
24	14	Good	Good	None
25	15	Good	Good	None
26	15	Good	Good	None
27	15	Good	Good	None
28	20	Good	Good	None
29	15	Good	Good	None
30	14	Good	Good	None
31	15	Good	Good	None
32	14	Good	Good	None
33	19	Good	Good	None
34	18	Good	Good	None
35	18	Good	Good	None
36	15	Good	Good	None
37	14	Good	Good	None
38	16	Good	Good	None
39	18	Good	Good	None
40	16	Good	Good	None
41	15	Good	Good	None
42	16	Good	Good	None
43	14	Good	Good	None
44	18	Good	Good	None
45	16	Good	Good	None
46	16	Good	Good	None
47	16	Good	Good	None
48	18	Good	Good	None
49	15	Good	Good	None
50	15	Good	Good	None
51	13	Good	Good	None
52	13	Good	Good	None
53	14	Good	Good	None
54	12	Good	Good	None

TABLE B-2
SUMMARY OF TREE/SHRUB OBSERVATIONS - EASTERN COTTONWOOD (*Populus deltoides*)

SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
55	17	Good	Good	None
56	17	Good	Good	None
57	15	Good	Good	None
58	15	Good	Good	None
59	14	Good	Good	None
60	15	Good	Good	None
61	15	Good	Good	None
62	16	Good	Good	None
63	17	Good	Good	None
64	17	Good	Good	None
65	13	Good	Good	None
66	15	Good	Good	None
67	15	Good	Good	None
68	15	Good	Good	None
69	16	Good	Good	None
70	14	Good	Good	None
71	11	Good	Good	None
72	17	Good	Good	None
73	15	Good	Good	None
74	14	Good	Good	None
75	17	Good	Good	None
76	13	Good	Good	None
77	14	Good	Good	None
78	10	Good	Good	None
79	15	Good	Good	None
80	14	Good	Good	None
81	14	Good	Good	None
82	14	Good	Good	None
83	11	Good	Good	None
84	9	Good	Good	None
85	14	Good	Good	None
86	16	Good	Good	None
87	18	Good	Good	None
88	15	Good	Good	None
89	17	Good	Good	None
90	18	Good	Good	None
91	15	Good	Good	None
92	14	Good	Good	None
93	15	Good	Good	None
94	17	Good	Good	None
95	16	Good	Good	None
96	17	Good	Good	None
97	14	Good	Good	None
98	14	Good	Good	None
99	17	Good	Good	None
100	16	Good	Good	None
101	14	Good	Good	None
102	13	Good	Good	None
103	12	Good	Good	None
104	14	Good	Good	None
105	14	Good	Good	None
106	15	Good	Good	None
107	13	Good	Good	None
108	13	Good	Good	None

TABLE B-2
SUMMARY OF TREE/SHRUB OBSERVATIONS - EASTERN COTTONWOOD (*Populus deltoides*)

SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
109	15	Good	Good	None
110	13	Good	Good	None
111	16	Good	Good	None
112	15	Good	Good	None
113	14	Good	Good	None
114	13	Good	Good	None
115	15	Good	Good	None
116	18	Good	Good	None
117	17	Good	Good	None
118	17	Good	Good	None
119	18	Good	Good	None
120	12	Good	Good	None
121	13	Good	Good	None
122	14	Good	Good	None
123	11	Good	Good	None
124	15	Good	Good	None
125	13	Good	Good	None
126	13	Good	Good	None
127	14	Good	Good	None
128	14	Good	Good	None
129	14	Good	Good	None
130	14	Good	Good	None
131	14	Good	Good	None
132	15	Good	Good	None
133	14	Good	Good	None
134	13	Good	Good	None
135	14	Good	Good	None
136	18	Good	Good	None
137	15	Good	Good	None
138	17	Good	Good	None
139	14	Good	Good	None
140	13	Good	Good	None
141	15	Good	Good	None
142	15	Good	Good	None
143	19	Good	Good	None
144	18	Good	Good	None
145	18	Good	Good	None
146	17	Good	Good	None
147	16	Good	Good	None
148	14	Good	Good	None
149	17	Good	Good	None
150	17	Good	Good	None
151	14	Good	Good	None
152	11	Good	Good	None
153	12	Good	Good	None
154	12	Good	Good	None
155	14	Good	Good	None
156	17	Good	Good	None
157	15	Good	Good	None
158	14	Good	Good	None
159	12	Good	Good	None
160	13	Good	Good	None
161	14	Good	Good	None
162	14	Good	Good	None

TABLE B-2
SUMMARY OF TREE/SHRUB OBSERVATIONS - EASTERN COTTONWOOD (*Populus deltoides*)

SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
163	15	Good	Good	None
164	15	Good	Good	None
165	15	Good	Good	None
166	14	Good	Good	None
167	14	Good	Good	None
168	14	Good	Good	None
169	15	Good	Good	None
170	12	Good	Good	None
171	11	Good	Good	None
172	13	Good	Good	None
173	12	Good	Good	None
174	14	Good	Good	None
175	13	Good	Good	None
176	16	Good	Good	None
177	13	Good	Good	None
178	13	Good	Good	None
179	12	Good	Good	None
180	15	Good	Good	None
181	12	Good	Good	None
182	14	Good	Good	None
183	14	Good	Good	None
184	14	Good	Good	None
185	13	Good	Good	Location - Vernal Pool
186	13	Dead	Good	Location - Vernal Pool
187	12	Good	Good	Location - Vernal Pool
188	10	Good	Good	Location - Vernal Pool
189	16	Good	Good	Location - Vernal Pool
190	13	Good	Good	Location - Vernal Pool
191	12	Good	Good	Location - Vernal Pool
192	14	Good	Good	Location - Vernal Pool
193	14	Good	Good	Location - Vernal Pool
194	15	Good	Good	Location - Vernal Pool
195	17	Good	Good	Location - Vernal Pool
196	16	Good	Good	Location - Vernal Pool
197	16	Good	Good	Location - Vernal Pool

Average Height (ft.):	14.7
Height Range (ft.):	9 - 20
Total Tree Count:	197

TABLE B-3
SUMMARY OF TREE/SHRUB OBSERVATIONS - NORTHERN ARROWWOOD (*Viburnum dentatum*)

**SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Shrub	Height (ft.)	Condition of Shrub	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
0	0	NA	NA	NA

Average Height (ft.):	NA
Height Range (ft.):	NA
Total Shrub Count:	0

TABLE B-4
SUMMARY OF TREE/SHRUB OBSERVATIONS - SILVER MAPLE, RED MAPLE, SUGAR MAPLE
(Acer saccharinum, Acer rubrum, Acer saccharum)

SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
1	9	Good	Good	None
2	8	Good	Good	None
3	7	Good	Good	None
4	7	Good	Good	None
5	9	Good	Good	None
6	9	Good	Good	None
7	9	Good	Good	None
8	9	Good	Good	None
9	12	Good	Good	None
10	8	Good	Good	None
11	8	Good	Good	None
12	11	Good	Good	None
13	11	Good	Good	None
14	12	Good	Good	None
15	12	Good	Good	None
16	8	Good	Good	None
17	9	Good	Good	None
18	10	Good	Good	None
19	10	Good	Good	None
20	9	Good	Good	None
21	9	Good	Good	None
22	9	Good	Good	None
23	8	Good	Good	None
24	10	Good	Good	None
25	8	Good	Good	None
26	9	Good	Good	None
27	8	Good	Good	None
28	9	Good	Good	None
29	13	Good	Good	None
30	9	Good	Good	None
31	10	Good	Good	None
32	9	Good	Good	None
33	10	Good	Good	None
34	9	Good	Good	None
35	9	Good	Good	None
36	10	Good	Good	None
37	8	Good	Good	None
38	11	Good	Good	None
39	11	Good	Good	None
40	8	Good	Good	None
41	8	Good	Good	None
42	9	Good	Good	None
43	9	Good	Good	None
44	9	Good	Good	None
45	8	Good	Good	None
46	10	Good	Good	None
47	11	Good	Good	None
48	13	Good	Good	None
49	9	Good	Good	None
50	10	Good	Good	None
51	7	Good	Good	None
52	11	Good	Good	None

TABLE B-4
SUMMARY OF TREE/SHRUB OBSERVATIONS - SILVER MAPLE, RED MAPLE, SUGAR MAPLE
(Acer saccharinum, Acer rubrum, Acer saccharum)

SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
53	10	Good	Good	None
54	8	Good	Good	None
55	12	Good	Good	None
56	9	Good	Good	None
57	8	Good	Good	None
58	8	Good	Good	None
59	9	Good	Good	None
60	9	Good	Good	None
61	9	Good	Good	None
62	11	Good	Good	None
63	11	Good	Good	None
64	7	Good	Good	None
65	12	Good	Good	None
66	12	Good	Good	None
67	11	Good	Good	None
68	11	Good	Good	None
69	9	Good	Good	None
70	12	Good	Good	None
71	10	Good	Good	None
72	9	Good	Good	None
73	14	Good	Good	None
74	9	Good	Good	None
75	12	Good	Good	None
76	11	Good	Good	None
77	11	Good	Good	None
78	13	Good	Good	None
79	6	Good	Good	None
80	10	Good	Good	None
81	7	Good	Good	None
82	8	Good	Good	None
83	9	Good	Good	None
84	10	Good	Good	None
85	8	Good	Good	None
86	12	Good	Good	None
87	8	Good	Good	None
88	14	Good	Good	None
89	12	Good	Good	None
90	10	Good	Good	None
91	12	Good	Good	None
92	14	Good	Good	None
93	10	Good	Good	None
94	10	Good	Good	None
95	10	Good	Good	None
96	11	Good	Good	None
97	8	Good	Good	None
98	11	Good	Good	None
99	11	Good	Good	None
100	10	Good	Good	None
101	9	Good	Good	None
102	9	Good	Good	None
103	9	Good	Good	None
104	9	Good	Good	None

TABLE B-4
SUMMARY OF TREE/SHRUB OBSERVATIONS - SILVER MAPLE, RED MAPLE, SUGAR MAPLE
(Acer saccharinum, Acer rubrum, Acer saccharum)

SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
105	10	Good	Good	None
106	10	Good	Good	None
107	9	Good	Good	None
108	14	Good	Good	None
109	8	Good	Good	None
110	8	Good	Good	None
111	8	Good	Good	None
112	13	Good	Good	None
113	9	Good	Good	None
114	9	Good	Good	None
115	14	Good	Good	None
116	12	Good	Good	None
117	8	Good	Good	None
118	7	Good	Good	None
119	6	Good	Good	None
120	8	Good	Good	None
121	7	Good	Good	None
122	7	Good	Good	None
123	11	Good	Good	None
124	8	Good	Good	None
125	8	Good	Good	None
126	7	Good	Good	None
127	8	Good	Good	None
128	9	Good	Good	None
129	12	Good	Good	None
130	8	Good	Good	None
131	7	Good	Good	None
132	7	Good	Good	None
133	7	Good	Good	None
134	10	Good	Good	None
135	9	Good	Good	None
136	7	Good	Good	None
137	9	Good	Good	None
138	8	Good	Good	None
139	9	Good	Good	None
140	10	Good	Good	None
141	7	Good	Good	None
142	10	Good	Good	None
143	9	Good	Good	None
144	9	Good	Good	None
145	9	Good	Good	None
146	10	Good	Good	None
147	10	Good	Good	None
148	8	Good	Good	None
149	8	Good	Good	None
150	9	Good	Good	None
151	8	Good	Good	None
152	7	Good	Good	None
153	8	Good	Good	None
154	9	Good	Good	None
155	11	Good	Good	None
156	9	Good	Good	None

TABLE B-4
SUMMARY OF TREE/SHRUB OBSERVATIONS - SILVER MAPLE, RED MAPLE, SUGAR MAPLE
(Acer saccharinum, Acer rubrum, Acer saccharum)

SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
157	9	Good	Good	None
158	9	Good	Good	None
159	9	Good	Good	None
160	11	Good	Good	None
161	12	Good	Good	None
162	8	Good	Good	None
163	8	Good	Good	None
164	8	Good	Good	None
165	8	Good	Good	None
166	10	Good	Good	None
167	10	Good	Good	None
168	9	Good	Good	None
169	9	Good	Good	None
170	7	Good	Good	None
171	8	Good	Good	None
172	10	Good	Good	None
173	8	Good	Good	None
174	8	Good	Good	None
175	11	Good	Good	None
176	8	Good	Good	None
177	8	Good	Good	None
178	10	Good	Good	None
179	9	Good	Good	None
180	11	Good	Good	None
181	9	Good	Good	None
182	8	Good	Good	None
183	8	Good	Good	None
184	8	Good	Good	None
185	9	Good	Good	None
186	9	Good	Good	None
187	8	Good	Good	None
188	8	Good	Good	None
189	8	Good	Good	None
190	13	Good	Good	None
191	10	Good	Good	None
192	10	Good	Good	None
193	11	Good	Good	None
194	10	Good	Good	None
195	8	Good	Good	None
196	10	Good	Good	None
197	9	Good	Good	None
198	9	Good	Good	None
199	10	Good	Good	None
200	9	Good	Good	None
201	11	Good	Good	None
202	10	Good	Good	None
203	11	Good	Good	None
204	10	Good	Good	None
205	9	Good	Good	None
206	10	Good	Good	None
207	12	Good	Good	None
208	12	Good	Good	None

TABLE B-4
SUMMARY OF TREE/SHRUB OBSERVATIONS - SILVER MAPLE, RED MAPLE, SUGAR MAPLE
(Acer saccharinum, Acer rubrum, Acer saccharum)

SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
209	10	Good	Good	None
210	10	Good	Good	None
211	8	Good	Good	None
212	8	Good	Good	None
213	10	Good	Good	None
214	10	Good	Good	None
215	10	Good	Good	None
216	9	Good	Good	None
217	11	Good	Good	None
218	8	Good	Good	None
219	10	Good	Good	None
220	12	Good	Good	None
221	9	Good	Good	None
222	11	Good	Good	None
223	12	Good	Good	None
224	10	Good	Good	None
225	10	Good	Good	None
226	10	Good	Good	None
227	8	Good	Good	None
228	8	Good	Good	None
229	9	Good	Good	None
230	11	Good	Good	None
231	11	Good	Good	None
232	10	Good	Good	None
233	10	Good	Good	None
234	11	Good	Good	None
235	11	Good	Good	None
236	9	Good	Good	None
237	12	Good	Good	None
238	9	Good	Good	None
239	10	Good	Good	None
240	9	Good	Good	None
241	9	Good	Good	None
242	11	Good	Good	None
243	10	Good	Good	None
244	8	Good	Good	None
245	13	Good	Good	None
246	12	Good	Good	None
247	14	Good	Good	None
248	11	Good	Good	None
249	10	Good	Good	None
250	13	Good	Good	None
251	11	Good	Good	None
252	9	Good	Good	None
253	10	Good	Good	None
254	15	Good	Good	None
255	11	Good	Good	None
256	10	Good	Good	None
257	11	Good	Good	None
258	13	Good	Good	None
259	12	Good	Good	None
260	11	Good	Good	None

TABLE B-4
SUMMARY OF TREE/SHRUB OBSERVATIONS - SILVER MAPLE, RED MAPLE, SUGAR MAPLE
(Acer saccharinum, Acer rubrum, Acer saccharum)

SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Tree	Height (ft.)	Condition of Tree	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
261	12	Good	Good	None
262	14	Good	Good	None
263	14	Good	Good	None
264	11	Good	Good	None
265	10	Good	Good	None
266	12	Good	Good	None
267	10	Good	Good	None
268	11	Good	Good	None
269	12	Good	Good	None
270	8	Good	Good	None
271	7	Good	Good	Location - Parcel I6-1-102 (residential)
272	12	Good	Good	Location - Parcel I6-1-102 (residential)
273	6	Good	Good	Location - Parcel I6-1-102 (residential)

Average Height (ft.):	9.7
Height Range (ft.):	6 - 15
Total Tree Count:	273

TABLE B-5
SUMMARY OF TREE/SHRUB OBSERVATIONS - CHOKE CHERRY (*Prunus virginiana*)

SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Shrub	Height (ft.)	Condition of Shrub	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
1	7	Good	Good	Location - Vernal Pool
2	8	Good	Good	Location - Vernal Pool
3	8	Good	Good	Location - Vernal Pool

Average Height (ft.):	7.7
Height Range (ft.):	7 - 8
Total Shrub Count:	3

**TABLE B-6
SUMMARY OF TREE/SHRUB OBSERVATIONS - DOGWOOD (*Cornus sericea*)**

**SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Shrub	Height (ft.)	Condition of Shrub	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
1	4	Good	Needs a tree guard	Location - Vernal Pool
2	5	Good	Needs a tree guard	Location - Vernal Pool
3	4	Good	Needs a tree guard	Location - Vernal Pool
4	4	Good	Needs a tree guard	Location - Vernal Pool
5	4	Good	Needs a tree guard	Location - Vernal Pool
6	4	Good	Needs a tree guard	Location - Vernal Pool
7	3	Good	Needs a tree guard	Location - Vernal Pool

Average Height (ft.):	4.0
Height Range (ft.):	3 - 5
Total Shrub Count:	7

TABLE B-7
SUMMARY OF TREE/SHRUB OBSERVATIONS - WINTERBERRY HOLLY (*Ilex verticillata*)

SUMMARY OF AUGUST/SEPTEMBER 2008 INSPECTION ACTIVITIES FOR THE GROUP 4C FLOODPLAIN PROPERTIES
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Shrub	Height (ft.)	Condition of Shrub	Condition of Tree Cage, Guard, and Stakes (where present)	Comments
1	4	Good	Good	None
2	4	Good	Good	None
3	4	Good	Good	None
4	4	Good	Good	None
5	4	Good	Good	None

Average Height (ft.):	4.0
Height Range (ft.):	4
Total Shrub Count:	5