



GE-Housatonic  
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280167

GE  
159 Plastics Avenue  
Pittsfield, MA 01201  
USA

*Transmitted via Overnight Courier*



SDMS DocID **280167**

December 5, 2007

Mr. Richard Fisher  
United States Environmental Protection Agency  
1 Congress Street, Suite 1100 (HBO)  
Boston, MA 02114-2023

**Re: GE-Pittsfield/Housatonic River Site  
Newell Street Area I (GECD440)  
Summary of October/November 2007 Inspection Activities**

Dear Mr. Fisher:

On October 17, October 22, and November 29, 2007 the General Electric Company (GE) performed post-remediation inspections of properties within Newell Street Area I (excluding properties that GE did not have permission to access), at which remediation activities were performed. In accordance with GE's approved *Final Removal Design/Removal Action Work Plan for Newell Street Area I* (Final RD/RA Work Plan), GE conducted remediation activities at nine of the commercial parcels (Parcels J9-23-13, J9-23-16, J9-23-18, J9-23-19, J9-23-20, J9-23-21, J9-23-22, J9-23-23, and J9-23-24) and two recreational parcels (Parcel J9-23-17 and a portion of Parcel J9-23-12, which consists of a GE-owned strip of land adjacent to the Housatonic River) (Figure 1), completing those actions in June 2006. In addition, GE conducted restoration actions within vegetated areas outside the limits of the engineered barriers at these properties.

Previous post-remediation inspections were performed in December 2005, May 2006, November 2006, and May 2007. Inspections were conducted in accordance with the requirements of Section 8 of the August 2003 Final RD/RA Work Plan. Consistent with the previous inspections, this inspection was performed for areas where engineered barriers were installed and for areas that were backfilled and restored during implementation of the remediation actions, including areas where vegetation was planted. Parcels J9-23-19, -20, and -21 were not inspected because GE does not have permission from the property owner to access those properties.

**Summary of Inspection Activities**

The October/November 2007 inspection consisted of observations of the engineered barrier areas to identify potential problems associated with such areas. Specifically:

- Vegetative engineered barriers were visually inspected for the following conditions as they would affect the integrity of the barriers: (a) evidence of topsoil erosion; (b) establishment and coverage of vegetation (e.g., bare or sparsely vegetated areas); (c) deficiencies in the soil layer overlying the synthetic cover components (e.g., excessive erosion, surface water ponding, depressions, exposed synthetic cover components, vehicle ruts, or other abnormalities); (d) damage to synthetic cover components; (e) uneven settlement relative to surrounding areas; (f) the proper functioning of any associated surface water diversions; and (g) overall integrity (including animal burrows, unauthorized excavation, or other conditions that could jeopardize the integrity of the barriers).

- Gravel-covered engineered barriers were visually inspected for the following conditions as they would affect the integrity of the barriers: (a) evidence of gravel erosion/displacement of gravel cover; (b) establishment of vegetation (e.g., weeds); (c) evidence of depressions and/or surface water ponding; (d) exposure of geotextile indicator material (indicating that 6 inches of gravel cover material has been displaced); (e) damage to synthetic cover components; (f) uneven settlement relative to surrounding areas; (g) the proper functioning of any associated surface water diversions; and (h) overall integrity (unauthorized excavation or other conditions that could jeopardize the integrity of the barriers).
- Asphalt-covered engineered barriers were visually inspected for the following conditions as they would affect the integrity of the barriers: (a) excessive cracking, fissures, spalling, or potholes caused by heaving, uneven settlement, or vehicular use; (b) evidence of depressions and/or surface water ponding, excessive rutting, or exposed subbase materials; and (c) the condition of perimeter drainage system discharge locations (e.g., evidence of blockage).

In addition, the October/November 2007 inspection included observations of the backfilled/restored areas, focusing on the following: (a) any areas where excessive settlement has occurred relative to the surrounding areas; (b) any drainage or growth problems due to possible over-compaction of backfill materials; (c) in areas where vegetation has been established, the condition of the vegetation, including any evidence of stressed vegetation or sparse cover; and (d) other conditions that could jeopardize the performance of the completed remediation actions.

Other areas that were observed during the October/November 2007 inspection included: (a) areas potentially susceptible to erosion as a result of the remediation activities (i.e., drainage outlets, drainage swales, and edges of pavement), noting evidence of erosion; and (b) the recently repaved area on Parcel J9-23-16, noting any locations where the pavement is broken and/or missing and soil is clearly visible.

The October/November 2007 inspection also included observations of the properties/areas at which the need for follow-up activities had been identified during the prior inspection. The results of the October/November 2007 inspection are included in an Inspection Summary and Checklist for each property subject to inspection (Attachment A). These forms will also be used in the future to continue to document such inspections and to track the completion of identified maintenance activities.

### **Summary of Observations During Inspection**

The October/November 2007 inspection indicated that some of the inspected properties at Newell Street Area I will require maintenance. Specifically, the inspection identified the need to conduct the following maintenance activities:

- Monitor areas that were reseeded as part of the riverbank restoration work on Parcels J9-23-12 and J9-23-23;
- Remove seedlings within or adjacent to areas with engineered barriers on Parcel J9-23-13 (along the northern and eastern property boundaries), between Parcels J9-23-17 and J9-23-18, and on Parcel J9-23-22 (along building, western fence line, pavement swale, and within gravel area);
- Remove eight-foot cottonwood tree along the western fence line of Parcel J9-23-18; and
- Repair gap in pavement observed on Parcel J9-23-16 with coal patch and monitor in spring 2008.

The May 2007 inspection identified the need to remove saplings on Parcels J9-23-12, -13, -18, -19, -20, -21, and -22 that could pose a threat to the integrity of the adjacent engineered barriers. Based on a review of the engineered barrier limits within these properties, it was determined that the saplings on Parcel J9-23-12 do not jeopardize the barrier and are therefore not subject to removal. Since the May 2007 inspection, the saplings identified on the remaining properties have not yet been addressed. GE will remove the above-referenced saplings prior to the May 2008 inspection. Please note that saplings on Parcels J9-23-19, -20, and -21 cannot be removed because GE does not have access to those properties. Subsequent to the pavement assessment, GE repaired the gap in pavement observed on Parcel J9-23-16 on November 30, 2007.

### **Schedule for Future Inspections**

A revised Post-Removal Site Control Plan will be included in the Final Completion Report for the Newell Street Area I Removal Action. Future inspections of the remediated/restored areas at the above-referenced properties will be conducted in accordance with the applicable requirements of that plan. It is anticipated that the engineered barrier areas will continue to be inspected approximately every six months and that backfilled/restored areas will be inspected in August or September 2008 and annually thereafter (subject to EPA approval of a different frequency), as well as after severe storms. Additionally, the areas at which vegetation was planted as part of the restoration will be inspected again in August or September 2008 to ensure that the vegetation is continuing to grow as anticipated and is providing the necessary erosion control. These inspections will utilize the Inspection Summary and Checklist forms included in the Final Completion Report. Within 30 days following each inspection, an inspection report will be prepared and submitted to EPA.

Please call me if you have any comments or questions.

Sincerely

*Richard Gates / EGB*

Richard Gates  
Remediation Project Manager

Attachment

cc: Dean Tagliaferro, EPA	Michael Carroll, GE*
Tim Conway, EPA*	Andrew Silber, GE*
John Kilborn, EPA	Rod McLaren, GE*
Holly Inglis, EPA	Peter Wojcik, GE*
Rose Howell, EPA*	James Nuss, ARCADIS BBL
K.C. Mitkevicius, USACE	James Bieke, Goodwin Procter
Susan Steenstrup, MDEP (2 copies)	Property Owner – Parcel J9-23-13
Anna Symington, MDEP*	Property Owner – Parcel J9-23-17
Jane Rothchild, MDEP*	Property Owner – Parcel J9-23-18
Thomas Angus, MDEP*	Property Owner – Parcels J9-23-19, -20, -21
Nancy E. Harper, MA AG*	Property Owner – Parcel J9-23-22
Dale Young, MA EOEA*	Property Owner – Parcel J9-23-24
Linda Palmieri, Weston	Public Information Repositories
Mayor James M. Ruberto, City of Pittsfield*	GE Internal Repository
Thomas Hickey, Director, PEDAs*	

*\*cover letter only*

Figure



STR-05-GMS-NEW LAF L: 01-4 OFF-REF  
 \\V:\FILES\DATA\CAD\GE-CAD\ACT\NEW\3090001\3090002.DWG SAVED: 11/29/2007 3:41 PM LAYOUT: 1 PAGESETUP: DL28-730002-STR PENTABLE: PLT\FULL.CTB PRINTED: 11/29/2007 3:41 PM BY: LFORNER  
 PROJECTNAME: IMAGES:



- LEGEND**
- EDGE OF WATER
  - PAVED ROADWAY
  - UNPAVED ROADWAY OR TRAIL
  - RAILROAD
  - VEGETATION
  - PROPERTY BOUNDARY
  - PROPERTY ID
  - FORMER OXBOW/DEPRESSION AREA
  - APPROXIMATE REMOVAL ACTION AREA BOUNDARY (AS DEFINED IN STATEMENT OF WORK)
  - PAVED AREA
  - RECREATIONAL PROPERTY (GE OWNED)
  - RECREATIONAL PROPERTY (NON-GE OWNED)
  - COMMERCIAL/INDUSTRIAL PROPERTY (NON-GE OWNED)
  - COMMERCIAL/INDUSTRIAL PROPERTY (GE OWNED)
  - AREA ADDRESSED AS PART OF 1/2-MILE REACH

- NOTES:**
1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
  2. TAX ASSESSORS' PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 5, 1997.

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**OCTOBER/NOVEMBER 2007 INSPECTION**

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**SITE PLAN**

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FIGURE  
**1**



**ARCADIS** BBL

**Attachment A**

Inspection Summary and  
Checklist

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-12

I. GENERAL INFORMATION

Inspection Date: 10/22/07  
Conducted By/Phone Number: Paolo Filippetti  
Weather Conditions: Sunny - 75°  
Date of Last Inspection: 5/31/07

II. INSPECTION SUMMARY

1. Engineered Barriers - Check applicable Barrier Types for this Parcel and Complete Inspection for each:

- Vegetative
- Gravel-Covered
- Asphalt-Covered

A. Vegetative Engineered Barriers (Note any physical changes since last inspection; note evidence of any of the following: soil cover erosion, areas of bare/sparse vegetation, uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- NA

B. Gravel-Covered Engineered Barriers (Note any physical changes since last inspection; note evidence of any of the following: gravel cover erosion/displacement, presence of nuisance vegetation (weeds), uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- NA

C. Asphalt-Covered Engineered Barriers (Note any physical changes since last inspection; note evidence of any of the following: excessive cracking, fissures, spalling, or potholes; presence of nuisance vegetation (weeds); uneven settlement, surface water ponding; burrows; vehicle ruts; exposed synthetic cover components; proper functioning of water management features; unauthorized excavation; unauthorized uses of areas; etc.)

- NA

2. Other Soil Backfill Areas (Note any physical changes since last inspection; note evidence of any of the following: excessive settlement, soil erosion, surface water ponding, burrows, vehicle ruts, unauthorized excavations, unauthorized uses of areas, erosion around drainage outlets, drainage swales, or edges of paved areas, etc.)

- All areas in good condition.

3. Other Vegetation Areas (Note any physical changes since last inspection; note general condition of vegetative cover (e.g., evidence of stressed/sparse cover) and other landscaping items (trees, shrubs, etc.)

- All areas in good condition.

4. Areas Potentially Susceptible to Erosion (Inspect any other areas that are potentially subject to erosion as a result of the remediation, including drainage outlets, drainage swales, and edges of pavement, and note evidence of any erosion. Include, where relevant, an inspection of the drainage outlets/splash pad behind Parcel J9-23-16, the drainage outlet behind the border of Parcels J9-23-17 and J9-23-18, the drainage outlet behind Parcel J9-23-18, the drainage outlet behind and asphalt swale on Parcel J9-23-22, and the drainage outlet and catch basin on Parcel J9-23-23; verify the integrity of these structures and evaluate whether drainage through or discharges from these outlets are causing erosion.)

- All areas in good condition.

INSPECTION SUMMARY AND CHECKLIST	
NEWELL STREET AREA I	
PARCEL J9-23-12	
<b>II. INSPECTION SUMMARY (continued)</b>	
5.	<b>Paved Areas Subject to Inspection</b> ( <i>Inspect the paved areas on Parcel J9-23-16 that are identified on Figure 3 of the draft Final Completion Report, and note evidence of any locations where the pavement is broken up and/or missing and soil is clearly visible.</i> )
-	NA
6.	<b>Other Observations</b> ( <i>Confirm that repair/maintenance measures identified during prior inspection have been performed; note any other general observations, including parcel-specific restoration activities.</i> )
-	Based on a review of the engineered barrier limits, the saplings on the southern fence line along Parcel J9-23-18 do not pose a threat to the integrity of the barrier and are therefore not subject to removal.
<b>III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES</b>	
-	Monitor areas that were reseeded as part of the riverbank restoration work.

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE



**INSPECTION SUMMARY AND CHECKLIST**

**NEWELL STREET AREA I**

**PARCEL J9-23-13**

**I. GENERAL INFORMATION**

Inspection Date: 10/17/07  
 Conducted By/Phone Number: Paolo Filipetti  
 Weather Conditions: Sunny - 82°  
 Date of Last Inspection: 5/31/07

**II. INSPECTION SUMMARY**

**1. Engineered Barriers - Check applicable Barrier Types for this Parcel and Complete Inspection for each:**

- Vegetative
- Gravel-Covered
- Asphalt-Covered

**A. Vegetative Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: soil cover erosion, areas of bare/sparse vegetation, uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- NA

**B. Gravel-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: gravel cover erosion/displacement, presence of nuisance vegetation (weeds), uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- NA

**C. Asphalt-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: excessive cracking, fissures, spalling, or potholes; presence of nuisance vegetation (weeds); uneven settlement, surface water ponding; burrows; vehicle ruts; exposed synthetic cover components; proper functioning of water management features; unauthorized excavation; unauthorized uses of areas; etc.)

- Several saplings along property boundary with Newell Street Area II RAA and along eastern property boundary with Parcel J9-23-16.

**2. Other Soil Backfill Areas** (Note any physical changes since last inspection; note evidence of any of the following: excessive settlement, soil erosion, surface water ponding, burrows, vehicle ruts, unauthorized excavations, unauthorized uses of areas, erosion around drainage outlets, drainage swales, or edges of paved areas, etc.)

- NA (all asphalt)

**3. Other Vegetation Areas** (Note any physical changes since last inspection; note general condition of vegetative cover (e.g., evidence of stressed/sparse cover) and other landscaping items (trees, shrubs, etc.)

- NA (all asphalt)

**4. Areas Potentially Susceptible to Erosion** (Inspect any other areas that are potentially subject to erosion as a result of the remediation, including drainage outlets, drainage swales, and edges of pavement, and note evidence of any erosion. Include, where relevant, an inspection of the drainage outlets/splash pad behind Parcel J9-23-16, the drainage outlet behind the border of Parcels J9-23-17 and J9-23-18, the drainage outlet behind Parcel J9-23-18, the drainage outlet behind and asphalt swale on Parcel J9-23-22, and the drainage outlet and catch basin on Parcel J9-23-23; verify the integrity of these structures and evaluate whether drainage through or discharges from these outlets are causing erosion.)

- NA

INSPECTION SUMMARY AND CHECKLIST	
NEWELL STREET AREA I	
PARCEL J9-23-13	
<b>II. INSPECTION SUMMARY (continued)</b>	
5.	<b>Paved Areas Subject to Inspection</b> ( <i>Inspect the paved areas on Parcel J9-23-16 that are identified on draft Figure 3 of the Final Completion Report, and note evidence of any locations where the pavement is broken up and/or missing and soil is clearly visible.</i> )
-	NA
6.	<b>Other Observations</b> ( <i>Confirm that repair/maintenance measures identified during prior inspection have been performed; note any other general observations, including parcel-specific restoration activities.</i> )
-	Seedlings along northern property boundary with Newell Street Area II RAA need to be removed.
-	Seedlings along eastern property boundary with Parcel J9-23-16 must also be removed.
<b>III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES</b>	
-	Remove above-referenced seedlings.

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

**INSPECTION SUMMARY AND CHECKLIST**

**NEWELL STREET AREA I**

**PARCEL J9-23-16**

**I. GENERAL INFORMATION**

Inspection Date: 10/17/07 (pavement assessment on 11/29/07)  
 Conducted By/Phone Number: Paolo Filipetti  
 Weather Conditions: 10/17/07 - Sunny - 82°, 11/29/07 - Cloudy - 38°  
 Date of Last Inspection: 5/31/07

**II. INSPECTION SUMMARY**

**1. Engineered Barriers - Check applicable Barrier Types for this Parcel and Complete Inspection for each:**

- Vegetative**
- Gravel-Covered**
- Asphalt-Covered**

**A. Vegetative Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: soil cover erosion, areas of bare/sparse vegetation, uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- All areas in good condition.

**B. Gravel-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: gravel cover erosion/displacement, presence of nuisance vegetation (weeds), uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- NA

**C. Asphalt-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: excessive cracking, fissures, spalling, or potholes; presence of nuisance vegetation (weeds); uneven settlement, surface water ponding; burrows; vehicle ruts; exposed synthetic cover components; proper functioning of water management features; unauthorized excavation; unauthorized uses of areas; etc.)

- All areas in good condition.

**2. Other Soil Backfill Areas** (Note any physical changes since last inspection; note evidence of any of the following: excessive settlement, soil erosion, surface water ponding, burrows, vehicle ruts, unauthorized excavations, unauthorized uses of areas, erosion around drainage outlets, drainage swales, or edges of paved areas, etc.)

- All areas in good condition.

**3. Other Vegetation Areas** (Note any physical changes since last inspection; note general condition of vegetative cover (e.g., evidence of stressed/sparse cover) and other landscaping items (trees, shrubs, etc.)

- All areas in good condition.

**4. Areas Potentially Susceptible to Erosion** (Inspect any other areas that are potentially subject to erosion as a result of the remediation, including drainage outlets, drainage swales, and edges of pavement, and note evidence of any erosion. Include, where relevant, an inspection of the drainage outlets/splash pad behind Parcel J9-23-16, the drainage outlet behind the border of Parcels J9-23-17 and J9-23-18, the drainage outlet behind Parcel J9-23-18, the drainage outlet behind and asphalt swale on Parcel J9-23-22, and the drainage outlet and catch basin on Parcel J9-23-23; verify the integrity of these structures and evaluate whether drainage through or discharges from these outlets are causing erosion.)

- Splash pad behind Parcel J9-23-16 (on Parcel J9-23-12) in good condition.

INSPECTION SUMMARY AND CHECKLIST	
NEWELL STREET AREA I	
PARCEL J9-23-16	
<b>II. INSPECTION SUMMARY (continued)</b>	
<b>5. Paved Areas Subject to Inspection</b>	<i>(Inspect the paved areas on Parcel J9-23-16 that are identified on Figure 3 of the draft Final Completion Report, and note evidence of any locations where the pavement is broken up and/or missing and soil is clearly visible.)</i>
-	Area repaved on 11/7/07.
-	Gap in pavement: observed south of newly paved area.
<b>6. Other Observations</b>	<i>(Confirm that repair/maintenance measures identified during prior inspection have been performed; note any other general observations, including parcel-specific restoration activities.)</i>
-	None
<b>III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES</b>	
-	Repair gap in pavement with coal patch and monitor in spring 2008.

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

**INSPECTION SUMMARY AND CHECKLIST**

**NEWELL STREET AREA I**

**PARCEL J9-23-17**

**I. GENERAL INFORMATION**

Inspection Date: 10/17/07  
 Conducted By/Phone Number: Paolo Filipetti  
 Weather Conditions: Sunny - 82°  
 Date of Last Inspection: 5/31/07

**II. INSPECTION SUMMARY**

**1. Engineered Barriers - Check applicable Barrier Types for this Parcel and Complete Inspection for each:**

- Vegetative
- Gravel-Covered
- Asphalt-Covered

**A. Vegetative Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: soil cover erosion, areas of bare/sparse vegetation, uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- All areas in good condition.

**B. Gravel-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: gravel cover erosion/displacement, presence of nuisance vegetation (weeds), uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- All areas in good condition.

**C. Asphalt-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: excessive cracking, fissures, spalling, or potholes; presence of nuisance vegetation (weeds); uneven settlement, surface water ponding; burrows; vehicle ruts; exposed synthetic cover components; proper functioning of water management features; unauthorized excavation; unauthorized uses of areas; etc.)

- Dogwood growing along eastern property boundary.
- Tree/seedling growth along fence line of eastern property boundary.

**2. Other Soil Backfill Areas** (Note any physical changes since last inspection; note evidence of any of the following: excessive settlement, soil erosion, surface water ponding, burrows, vehicle ruts, unauthorized excavations, unauthorized uses of areas, erosion around drainage outlets, drainage swales, or edges of paved areas, etc.)

- All areas in good condition.

**3. Other Vegetation Areas** (Note any physical changes since last inspection; note general condition of vegetative cover (e.g., evidence of stressed/sparse cover) and other landscaping items (trees, shrubs, etc.)

- All areas in good condition.

**4. Areas Potentially Susceptible to Erosion** (Inspect any other areas that are potentially subject to erosion as a result of the remediation, including drainage outlets, drainage swales, and edges of pavement, and note evidence of any erosion. Include, where relevant, an inspection of the drainage outlets/splash pad behind Parcel J9-23-16, the drainage outlet behind the border of Parcels J9-23-17 and J9-23-18, the drainage outlet behind Parcel J9-23-18, the drainage outlet behind and asphalt swale on Parcel J9-23-22, and the drainage outlet and catch basin on Parcel J9-23-23; verify the integrity of these structures and evaluate whether drainage through or discharges from these outlets are causing erosion.)

- Drainage outlet behind Parcel J9-23-17 (on Parcel J9-23-12) in good condition.



INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-17

**II. INSPECTION SUMMARY (continued)**

5. **Paved Areas Subject to Inspection** (*Inspect the paved areas on Parcel J9-23-16 that are identified on Figure 3 of the draft Final Completion Report, and note evidence of any locations where the pavement is broken up and/or missing and soil is clearly visible.*)

- NA

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.*)

- None

**III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES**

- Remove seedlings along eastern property boundary.

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

**INSPECTION SUMMARY AND CHECKLIST**

**NEWELL STREET AREA I**

**PARCEL J9-23-18**

**I. GENERAL INFORMATION**

Inspection Date: 10/17/07  
 Conducted By/Phone Number: Paolo Filipetti  
 Weather Conditions: Sunny - 82°  
 Date of Last Inspection: 5/31/07

**II. INSPECTION SUMMARY**

**1. Engineered Barriers - Check applicable Barrier Types for this Parcel and Complete Inspection for each:**

- Vegetative
- Gravel-Covered
- Asphalt-Covered

**A. Vegetative Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: soil cover erosion, areas of bare/sparse vegetation, uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- NA

**B. Gravel-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: gravel cover erosion/displacement, presence of nuisance vegetation (weeds), uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- NA

**C. Asphalt-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: excessive cracking, fissures, spalling, or potholes; presence of nuisance vegetation (weeds); uneven settlement, surface water ponding; burrows; vehicle ruts; exposed synthetic cover components; proper functioning of water management features; unauthorized excavation; unauthorized uses of areas; etc.)

- Eight-foot cottonwood on western fence line to be removed.
- All areas in good condition.

**2. Other Soil Backfill Areas** (Note any physical changes since last inspection; note evidence of any of the following: excessive settlement, soil erosion, surface water ponding, burrows, vehicle ruts, unauthorized excavations, unauthorized uses of areas, erosion around drainage outlets, drainage swales, or edges of paved areas, etc.)

- NA (all concrete and asphalt)

**3. Other Vegetation Areas** (Note any physical changes since last inspection; note general condition of vegetative cover (e.g., evidence of stressed/sparse cover) and other landscaping items (trees, shrubs, etc.)

- NA (all concrete and asphalt)

**4. Areas Potentially Susceptible to Erosion** (Inspect any other areas that are potentially subject to erosion as a result of the remediation, including drainage outlets, drainage swales, and edges of pavement, and note evidence of any erosion. Include, where relevant, an inspection of the drainage outlets/splash pad behind Parcel J9-23-16, the drainage outlet behind the border of Parcels J9-23-17 and J9-23-18, the drainage outlet behind Parcel J9-23-18, the drainage outlet behind and asphalt swale on Parcel J9-23-22, and the drainage outlet and catch basin on Parcel J9-23-23; verify the integrity of these structures and evaluate whether drainage through or discharges from these outlets are causing erosion.)

- Drainage outlet behind Parcel J9-23-18 (on Parcel J9-23-12) in good condition.

INSPECTION SUMMARY AND CHECKLIST	
NEWELL STREET AREA I	
PARCEL J9-23-18	
<b>II. INSPECTION SUMMARY (continued)</b>	
5.	<b>Paved Areas Subject to Inspection</b> ( <i>Inspect the paved areas on Parcel J9-23-16 that are identified on Figure 3 of the draft Final Completion Report, and note evidence of any locations where the pavement is broken up and/or missing and soil is clearly visible.</i> )
-	NA
6.	<b>Other Observations</b> ( <i>Confirm that repair/maintenance measures identified during prior inspection have been performed; note any other general observations, including parcel-specific restoration activities.</i> )
-	Sapling along northern limits of engineered barrier have not been removed.
<b>III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES</b>	
-	Remove eight-foot cottonwood.
-	Remove saplings along property boundary that are within or adjacent to the engineered barrier.

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

**INSPECTION SUMMARY AND CHECKLIST**

**NEWELL STREET AREA I**

**PARCEL J9-23-22**

**I. GENERAL INFORMATION**

Inspection Date: 10/17/07  
 Conducted By/Phone Number: Paolo Filipetti  
 Weather Conditions: Sunny - 82°  
 Date of Last Inspection: 5/31/07

**II. INSPECTION SUMMARY**

**1. Engineered Barriers - Check applicable Barrier Types for this Parcel and Complete Inspection for each:**

- Vegetative
- Gravel-Covered
- Asphalt-Covered

**A. Vegetative Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: soil cover erosion, areas of bare/sparse vegetation, uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- NA

**B. Gravel-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: gravel cover erosion/displacement, presence of nuisance vegetation (weeds), uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- Seedlings along building.
- Seedlings along western fence line.
- Seedlings along pavement swale.
- Seedlings within gravel area.

**C. Asphalt-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: excessive cracking, fissures, spalling, or potholes; presence of nuisance vegetation (weeds); uneven settlement, surface water ponding; burrows; vehicle ruts; exposed synthetic cover components; proper functioning of water management features; unauthorized excavation; unauthorized uses of areas; etc.)

- Seedlings growing in cracks of pavement swale.

**2. Other Soil Backfill Areas** (Note any physical changes since last inspection; note evidence of any of the following: excessive settlement, soil erosion, surface water ponding, burrows, vehicle ruts, unauthorized excavations, unauthorized uses of areas, erosion around drainage outlets, drainage swales, or edges of paved areas, etc.)

- All areas in good condition.

**3. Other Vegetation Areas** (Note any physical changes since last inspection; note general condition of vegetative cover (e.g., evidence of stressed/sparse cover) and other landscaping items (trees, shrubs, etc.)

- All areas in good condition.

**4. Areas Potentially Susceptible to Erosion** (Inspect any other areas that are potentially subject to erosion as a result of the remediation, including drainage outlets, drainage swales, and edges of pavement, and note evidence of any erosion. Include, where relevant, an inspection of the drainage outlets/splash pad behind Parcel J9-23-16, the drainage outlet behind the border of Parcels J9-23-17 and J9-23-18, the drainage outlet behind Parcel J9-23-18, the drainage outlet behind and asphalt swale on Parcel J9-23-22, and the drainage outlet and catch basin on Parcel J9-23-23; verify the integrity of these structures and evaluate whether drainage through or discharges from these outlets are causing erosion.)

- Drainage outlet behind Parcel J9-23-22 in good condition.
- Seedlings growing in cracks of pavement swale (see above).

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-22

**II. INSPECTION SUMMARY (continued)**

5. **Paved Areas Subject to Inspection** (*Inspect the paved areas on Parcel J9-23-16 that are identified on Figure 3 of the draft Final Completion Report, and note evidence of any locations where the pavement is broken up and/or missing and soil is clearly visible.*)

- NA

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.*)

- None

**III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES.**

- Remove seedlings growing within gravel and asphalt engineered barrier areas.

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE



**INSPECTION SUMMARY AND CHECKLIST**

**NEWELL STREET AREA I**

**PARCEL J9-23-23**

**I. GENERAL INFORMATION**

Inspection Date: 10/17/07  
 Conducted By/Phone Number: Paolo Filipetti  
 Weather Conditions: Sunny - 82°  
 Date of Last Inspection: 5/31/07

**II. INSPECTION SUMMARY**

**1. Engineered Barriers - Check applicable Barrier Types for this Parcel and Complete Inspection for each:**

- Vegetative**
- Gravel-Covered**
- Asphalt-Covered**

**A. Vegetative Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: soil cover erosion, areas of bare/sparse vegetation, uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- Access road area used to complete the riverbank restoration work was reseeded.

**B. Gravel-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: gravel cover erosion/displacement, presence of nuisance vegetation (weeds), uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- NA

**C. Asphalt-Covered Engineered Barriers** (Note any physical changes since last inspection; note evidence of any of the following: excessive cracking, fissures, spalling, or potholes; presence of nuisance vegetation (weeds); uneven settlement, surface water ponding; burrows; vehicle ruts; exposed synthetic cover components; proper functioning of water management features; unauthorized excavation; unauthorized uses of areas; etc.)

- All areas in good condition.

**2. Other Soil Backfill Areas** (Note any physical changes since last inspection; note evidence of any of the following: excessive settlement, soil erosion, surface water ponding, burrows, vehicle ruts, unauthorized excavations, unauthorized uses of areas, erosion around drainage outlets, drainage swales, or edges of paved areas, etc.)

- All areas in good condition.

**3. Other Vegetation Areas** (Note any physical changes since last inspection; note general condition of vegetative cover (e.g., evidence of stressed/sparse cover) and other landscaping items (trees, shrubs, etc.)

- All areas in good condition.

**4. Areas Potentially Susceptible to Erosion** (Inspect any other areas that are potentially subject to erosion as a result of the remediation, including drainage outlets, drainage swales, and edges of pavement, and note evidence of any erosion. Include, where relevant, an inspection of the drainage outlets/splash pad behind Parcel J9-23-16, the drainage outlet behind the border of Parcels J9-23-17 and J9-23-18, the drainage outlet behind Parcel J9-23-18, the drainage outlet behind and asphalt swale on Parcel J9-23-22, and the drainage outlet and catch basin on Parcel J9-23-23; verify the integrity of these structures and evaluate whether drainage through or discharges from these outlets are causing erosion.)

- Drainage outlet and catch basin in good condition.

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-23

<b>II. INSPECTION SUMMARY (continued)</b>	
5. Paved Areas Subject to Inspection	<i>(Inspect the paved areas on Parcel J9-23-16 that are identified on Figure 3 of the draft Final Completion Report, and note evidence of any locations where the pavement is broken up and/or missing and soil is clearly visible.)</i>
-	NA
6. Other Observations	<i>(Confirm that repair/maintenance measures identified during prior inspection have been performed; note any other general observations, including parcel-specific restoration activities.)</i>
-	None
<b>III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES</b>	
-	Monitor grass growth/establishment in recently seeded areas.

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-24

I. GENERAL INFORMATION

Inspection Date: 10/17/07  
Conducted By/Phone Number: Paolo Filipetti  
Weather Conditions: Sunny - 82°  
Date of Last Inspection: 5/31/07

II. INSPECTION SUMMARY

1. Engineered Barriers - Check applicable Barrier Types for this Parcel and Complete Inspection for each:

- Vegetative
- Gravel-Covered
- Asphalt-Covered

A. Vegetative Engineered Barriers (Note any physical changes since last inspection; note evidence of any of the following: soil cover erosion, areas of bare/sparse vegetation, uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- NA

B. Gravel-Covered Engineered Barriers (Note any physical changes since last inspection; note evidence of any of the following: gravel cover erosion/displacement, presence of nuisance vegetation (weeds), uneven settlement, surface water ponding, burrows, vehicle ruts, exposed synthetic cover components, proper functioning of water management features, unauthorized excavation, unauthorized uses of areas, tree and shrub growth, etc.)

- NA

C. Asphalt-Covered Engineered Barriers (Note any physical changes since last inspection; note evidence of any of the following: excessive cracking, fissures, spalling, or potholes; presence of nuisance vegetation (weeds); uneven settlement, surface water ponding; burrows; vehicle ruts; exposed synthetic cover components; proper functioning of water management features; unauthorized excavation; unauthorized uses of areas; etc.)

- NA

2. Other Soil Backfill Areas (Note any physical changes since last inspection; note evidence of any of the following: excessive settlement, soil erosion, surface water ponding, burrows, vehicle ruts, unauthorized excavations, unauthorized uses of areas, erosion around drainage outlets, drainage swales, or edges of paved areas, etc.)

- All areas in good condition.

3. Other Vegetation Areas (Note any physical changes since last inspection; note general condition of vegetative cover (e.g., evidence of stressed/sparse cover) and other landscaping items (trees, shrubs, etc.)

- All areas in good condition.

4. Areas Potentially Susceptible to Erosion (Inspect any other areas that are potentially subject to erosion as a result of the remediation, including drainage outlets, drainage swales, and edges of pavement, and note evidence of any erosion. Include, where relevant, an inspection of the drainage outlets/splash pad behind Parcel J9-23-16, the drainage outlet behind the border of Parcels J9-23-17 and J9-23-18, the drainage outlet behind Parcel J9-23-18, the drainage outlet behind and asphalt swale on Parcel J9-23-22, and the drainage outlet and catch basin on Parcel J9-23-23; verify the integrity of these structures and evaluate whether drainage through or discharges from these outlets are causing erosion.)

- NA

INSPECTION SUMMARY AND CHECKLIST	
NEWELL STREET AREA I	
PARCEL J9-23-24	
<b>II. INSPECTION SUMMARY (continued)</b>	
<b>5. Paved Areas Subject to Inspection</b>	<i>(Inspect the paved areas on Parcel J9-23-16 that are identified on draft Figure 3 of the Final Completion Report, and note evidence of any locations where the pavement is broken up and/or missing and soil is clearly visible.)</i>
-	NA
<b>6. Other Observations</b>	<i>(Confirm that repair/maintenance measures identified during prior inspection have been performed; note any other general observations, including parcel-specific restoration activities.)</i>
-	None
<b>III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES</b>	
-	None

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE