



GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

June 11, 2009

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 May 2009 Engineered Barrier Inspection Activities**

Dear Mr. Fisher:

On May 14, 2009, the General Electric Company (GE) performed post-remediation inspections of properties within the Newell Street Area I Removal Action Area (RAA). 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 commercial parcels at this RAA (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 properties (Parcel J9-23-17 and a GE-owned Riparian Strip of land adjacent to the Housatonic River) (Figure 1), completing those actions (depending on the parcel) between October 2003 and June 2006. Previous post-remediation inspections at Newell Street Area I were performed in December 2005, May and November 2006, May and October/November 2007, and May and August 2008; and reports on those inspections were submitted to EPA.

The May 2009 inspection was performed in accordance with the Post-Removal Site Control requirements specified in the *Final Completion Report for the Newell Street Area I Removal Action* (Final Completion Report), which was submitted to EPA on July 31, 2008 and approved by EPA on August 27, 2008. This inspection included observations of areas where engineered barriers were installed. As noted in the Final Completion Report, GE has completed the required twice-yearly inspections of restored vegetation at this RAA (including the trees replaced on the Riparian Strip after the May 2006 inspection) for a two-year period, with the May 2008 inspection representing the last required inspection of that restored vegetation. Thus, the May 2009 inspection did not assess that vegetation. Also, given that the August 2008 inspection indicated that areas re-seeded as part of the riverbank restoration work on the Riparian Strip were in good condition, GE discontinued monitoring of those areas after the August 2008 inspection.

Summary of Inspection Activities

The May 2009 inspection included observations of the engineered barrier areas to identify potential concerns 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) any evidence of animal burrows, unauthorized excavation, or other conditions that could jeopardize the integrity of the engineered barrier.

- 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/concrete-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; (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 May 2009 inspection included observations of the areas where the need for follow-up activities had been identified during the prior inspection in August 2008. These activities included: (a) removing saplings along the fencelines on Parcel J9-23-13 (along northern and eastern property boundaries) and Parcel J9-23-18 (along western property boundary); (b) removing saplings on Parcels J9-23-19, -20, -21 (within gravel-covered engineered barrier) and Parcel J9-23-22 (within the gravel-covered engineered barrier); (c) removing remaining haybales on Parcel J9-23-16; (d) repairing eroded area at the drainage outlet on Parcel J9-23-19; and (e) removing weeds and grass growing within the asphalt-covered engineered barrier/drainage outlet on Parcel J9-23-22. All of the above activities were performed prior to the May 2009 inspection.

The results of the May 2009 inspection are provided in an Inspection Summary and Checklist for each property subject to inspection, using the form included in the Final Completion Report. The completed forms for the May 2009 inspection are included in Attachment A.

Summary of Observations During Inspection

The May 2009 inspection indicated that most of the properties/areas inspected at Newell Street Area I were in good condition. However, a few conditions were noted as requiring maintenance. These were as follows:

- Additional saplings were observed on Parcel J9-23-13 (on the fencelines along the northern and eastern property boundaries), on Parcel J9-23-18 (one cottonwood sapling on the western fenceline), and on Parcels J9-23-19, -20, -21 (within the gravel-covered engineered barrier on Parcel J9-23-19, in the gravel area on Parcel J9-23-20, and along the eastern fenceline of Parcel J9-23-21), which could impact the future integrity of the engineered barriers;

- A small eroded area was observed at the top of the river bank on the Riparian Strip, adjacent to Parcel J9-23-16; and
- The sod in an area (approximately 4-foot by 3-foot) above the vegetative engineered barrier observed to be removed on Parcel J9-23-17.

Maintenance/Repair Activities

Based on the May 2009 inspection the following maintenance activities were identified:

- Remove the above-referenced saplings on Parcels J9-23-13, J9-23-18 and J9-23-19, -20, -21;
- Repair eroded area on the Riparian Strip adjacent to Parcel J9-23-16; and
- Repair area of sod which was removed above the vegetative engineered barrier on Parcel J9-23-17.

All of the maintenance activities identified during the May 2009 inspection have been completed except the area above the vegetative engineered barrier where sod was removed on Parcel J9-23-17 which will be repaired this spring/summer.

Schedule for Future Inspections

In accordance with the approved Final Completion Report, future periodic inspection activities for the properties within Newell Street Area I will involve the following:

- GE will conduct inspections of the engineered barrier areas twice per year (unless and until EPA approves an alternate frequency) in May and August or September, with the next such inspection scheduled to be performed in August or September 2009.
- GE will conduct annual inspections of the backfilled/restored areas (unless and until EPA approves an alternate frequency) in August or September, with the next such inspection scheduled to be performed in August or September 2009. GE will also conduct such inspections after severe storm events (as defined in the Final Completion Report).
- GE will conduct annual inspections of the two paved areas on Parcel J9-23-16 identified for inspection in the Final Completion Report (unless and until EPA approves an alternate frequency) in August or September, with the next such inspection scheduled to be performed in August or September 2009.

Future inspections will be conducted in accordance with the Post-Removal Site Control requirements included in the Final Completion Report, including use of the inspection checklist included therein. 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 Gates / EGB

Richard Gates
Remediation Project Manager

Attachment

cc: Dean Tagliaferro, EPA
Tim Conway, EPA*
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Michael Carroll, GE*
Rod McLaren, GE*
Peter Wojcik, GE*
James Nuss, ARCADIS
James Bieke, Goodwin Procter
Property Owner – Parcel J9-23-13
Property Owner – Parcel J9-23-17
Property Owner – Parcel J9-23-18
Property Owner – Parcels J9-23-19, -20, -21
Property Owner – Parcel J9-23-22
Property Owner – Parcel J9-23-24
Public Information Repositories
GE Internal Repository

**cover letter only*

ARCADIS

Attachment A

Completed Inspection Forms

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

RIPARIAN STRIP

I. GENERAL INFORMATION

Inspection Date: 5/14/09
Conducted By/Phone Number: Gregg Rabasco/(413) 822-1184
Weather Conditions: Overcast, showers, windy - 55°
Date of Last Inspection: 8/27/08

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.)

- N/A

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.)

- N/A

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.)

- N/A

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.)

- N/A - subject to inspection in August or September 2009

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.)

- N/A (monitoring of restored vegetation was previously completed).

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

RIPARIAN STRIP

II. INSPECTION SUMMARY (continued)

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.*)

- N/A - subject to inspection in August or September 2009

5. Paved Areas Subject to Inspection (*Inspect the paved areas on Parcel J9-23-16 that are identified on 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.*)

- N/A

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.*)

- Small eroded area observed along top of river bank and adjacent to Parcel J9-23-16.

III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES

- Repair small eroded area (completed June 2009).

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-13

I. GENERAL INFORMATION

Inspection Date: 5/14/09
Conducted By/Phone Number: Gregg Rabasco/(413) 822-1184
Weather Conditions: Overcast, showers, windy - 55°
Date of Last Inspection: 8/27/08

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.)

- N/A

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.)

- N/A

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.)

- N/A - subject to inspection in August or September 2009

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.)

- N/A (all asphalt)

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-13

II. INSPECTION SUMMARY (continued)

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.*)

- N/A

5. Paved Areas Subject to Inspection (*Inspect the paved areas on Parcel J9-23-16 that are identified on 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.*)

- N/A

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.*)

- Saplings observed along fencelines on eastern and northern property boundaries that could potentially jeopardizing engineered barrier.
- Saplings along fencelines on eastern and northern property boundaries observed during August 2008 inspection were removed.

III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES

- Remove saplings observed on eastern and northern property boundaries (completed June 2009).

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-16

I. GENERAL INFORMATION

Inspection Date: 5/14/09
Conducted By/Phone Number: Gregg Rabasco/(413) 822-1184
Weather Conditions: Overcast, showers, windy - 55°
Date of Last Inspection: 8/27/08

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.)

- N/A

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.)

- N/A - subject to inspection in August or September 2009

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.)

- N/A (monitoring of restored vegetation was previously completed).

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-16

II. INSPECTION SUMMARY (continued)

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.*)

- N/A - subject to inspection in August or September 2009

5. Paved Areas Subject to Inspection (*Inspect the paved areas on Parcel J9-23-16 that are identified on 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.*)

- N/A - subject to inspection in August or September 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.*)

- Remaining haybales observed during August 2008 inspection were previously removed.

III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES

- None

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-17

I. GENERAL INFORMATION

Inspection Date: 5/14/09
Conducted By/Phone Number: Gregg Rabasco/(413) 822-1184
Weather Conditions: Overcast, showers, windy - 55°
Date of Last Inspection: 8/27/08

II. INSPECTION SUMMARY

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

- X Vegetative
X Gravel-Covered
X 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.)

- The sod in an area (approximately 4-foot by 3-foot) above the vegetative engineered barrier observed to be removed.
- All other 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.)

- 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.)

- N/A - subject to inspection in August or September 2009

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.)

- N/A (monitoring of restored vegetation was previously completed).

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-17

II. INSPECTION SUMMARY (continued)

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.*)

- N/A - subject to inspection in August or September 2009

5. Paved Areas Subject to Inspection (*Inspect the paved areas on Parcel J9-23-16 that are identified on 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.*)

- N/A

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

- Repair area where sod was removed above the vegetative engineered barrier.

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-18

I. GENERAL INFORMATION

Inspection Date: 5/14/09
Conducted By/Phone Number: Gregg Rabasco/(413) 822-1184
Weather Conditions: Overcast, showers, windy - 55°
Date of Last Inspection: 8/27/08

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.)

- N/A

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.)

- N/A

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.)

- Large cottonwood sapling observed along western fenceline adjacent to asphalt-covered engineered barrier.
- All other 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.)

- N/A - subject to inspection in August or September 2009

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.)

- N/A (all concrete and asphalt)

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-18

II. INSPECTION SUMMARY (continued)

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.*)

- N/A - subject to inspection in August or September 2009

5. Paved Areas Subject to Inspection (*Inspect the paved areas on Parcel J9-23-16 that are identified on 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.*)

- N/A

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.*)

- Saplings along the fenceline on the western property boundary observed during August 2008 inspection were previously removed.

III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES

- Remove large cottonwood sapling observed along western fenceline adjacent to asphalt-covered engineered barrier (completed June 2009).

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-19, -20, -21

I. GENERAL INFORMATION

Inspection Date: 5/14/09
Conducted By/Phone Number: Gregg Rabasco/(413) 822-1184
Weather Conditions: Overcast, showers, windy - 55°
Date of Last Inspection: 8/27/08

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.)

- N/A

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.)

- Saplings observed throughout the gravel-covered engineered barrier on Parcel J9-23-19.

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.)

- N/A

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.)

- N/A - subject to inspection in August or September 2009

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.)

- N/A (all gravel and asphalt)

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-19, -20, -21

II. INSPECTION SUMMARY (continued)

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.*)

- N/A - subject to inspection in August or September 2009

5. Paved Areas Subject to Inspection (*Inspect the paved areas on Parcel J9-23-16 that are identified on 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.*)

- N/A

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.*)

- Dogwood sapling observed in gravel area in the back of Parcel J9-23-20 adjacent to gravel-covered engineered barrier.

- Saplings observed along eastern fenceline of Parcel J9-23-21.

- Small area of erosion at the drainage outlet on Parcel J9-23-19 observed during August 2008 inspection was previously repaired.

- Saplings observed throughout the gravel-covered engineered barrier on Parcel J9-23-19 during August 2008 inspection were previously removed.

III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES

- Remove saplings observed throughout the gravel-covered engineered barrier on Parcel J9-23-19 (completed June 2009).

- Remove dogwood sapling observed in gravel area on Parcel J9-23-20 adjacent to gravel-covered engineered barrier (completed June 2009).

- Remove saplings along eastern fenceline of Parcel J9-23-21 (completed June 2009).

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-22

I. GENERAL INFORMATION

Inspection Date: 5/14/09
Conducted By/Phone Number: Gregg Rabasco/(413) 822-1184
Weather Conditions: Overcast, showers, windy - 55°
Date of Last Inspection: 8/27/08

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.)

- 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.)

- N/A - subject to inspection in August or September 2009

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.)

- N/A (monitoring of restored vegetation was previously completed).

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-22

II. INSPECTION SUMMARY (continued)

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.*)

- N/A - subject to inspection in August or September 2009

5. Paved Areas Subject to Inspection (*Inspect the paved areas on Parcel J9-23-16 that are identified on 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.*)

- N/A

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.*)

- Saplings observed throughout the gravel-covered engineered barrier during August 2008 inspection were previously removed.

- Weeds and grass growing out of the asphalt-covered engineered barrier/drainage outlet along the eastern property boundary observed during August 2008 inspection were previously removed.

III. FOLLOW-UP MAINTENANCE AND REPAIR ACTIVITIES

- None

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-23

I. GENERAL INFORMATION

Inspection Date: 5/14/09
Conducted By/Phone Number: Gregg Rabasco/(413) 822-1184
Weather Conditions: Overcast, showers, windy - 55°
Date of Last Inspection: 8/27/08

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.)

- N/A

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.)

- N/A - subject to inspection in August or September 2009

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.)

- N/A (monitoring of restored vegetation was previously completed).

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-23

II. INSPECTION SUMMARY (continued)

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.*)

- N/A - subject to inspection in August or September 2009

5. Paved Areas Subject to Inspection (*Inspect the paved areas on Parcel J9-23-16 that are identified on 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.*)

- N/A

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

- None

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-24

I. GENERAL INFORMATION

Inspection Date: 5/14/09
Conducted By/Phone Number: Gregg Rabasco/(413) 822-1184
Weather Conditions: Overcast, showers, windy - 55°
Date of Last Inspection: 8/27/08

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.)

- N/A

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.)

- N/A

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.)

- N/A

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.)

- N/A - subject to inspection in August or September 2009

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.)

- N/A (monitoring of restored vegetation was previously completed).

INSPECTION SUMMARY AND CHECKLIST

NEWELL STREET AREA I

PARCEL J9-23-24

II. INSPECTION SUMMARY (continued)

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.*)

- N/A

5. Paved Areas Subject to Inspection (*Inspect the paved areas on Parcel J9-23-16 that are identified on 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.*)

- N/A

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

- None

ATTACH ADDITIONAL INFORMATION AS APPROPRIATE