September 5, 2012

To:    Diane Carlton, NYSDEC, Region 7 (1 PDF)
       Holly Sammon, Onondaga County Public Library (1 bound)
       Samuel Sage, Atlantic States Legal Foundation (1 bound)
       Joseph J. Heath, Esq., Onondaga Nation (cover letter only)

Re:    Letter of Transmittal – Upper Harbor Brook IRM Repository Additions

The documents below have been approved by the New York State Department of Environmental
Conservation (NYSDEC) and are enclosed for your document holdings:

• Upper Harbor Brook IRM Stormwater Pollution Prevention Plan (SWPPP) dated May
  2012

• Upper Harbor Brook IRM Construction Work Plan dated August 2012

Sincerely,

John P. McAuliffe, P.E.
Program Director, Syracuse

Enc.

cc: Tracy Smith - NYSDEC
August 21, 2012

Mr. John P. McAuliffe, P.E.
Honeywell International, Inc.
301 Plainfield Road
Suite 330
Syracuse, NY 13212

Re: Upper Harbor Brook IRM Construction Work Plan

Dear Mr. McAuliffe:

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the “Upper Harbor Brook IRM Stormwater Pollution Prevention Plan” (SWPPP) dated May 2012 and the “Upper Harbor Brook IRM Construction Work Plan” (work plan) dated August 2012. Based on our review, the SWPPP (conditioned on the August 16, 2012 comment letter being attached to the SWPPP) and work plan are approved. If you have any questions, please contact me at 518-402-9796.

Sincerely,

Tracy A. Smith
Project Manager

ccc: J. Gregg, NYSDEC
     J. Shenandoah
     T. Joyal, Esq.
     G. LaCecetti, NYSDOH
     F. Kirshner
     E. Hahn, Region 7
     R. Nunes, USEPA
     J. Heath, Esq.
     A. Lowry
     C. Waterman
     R. Quail, NYSDEC
     M. Sergott, NYSDOH
     D. Hesler, NYSDEC
     T. Blum, NYSDEC
     D. Edwards, OBG
     J. Heckathorne, OBG
August 16, 2012

Mr. Tracy Smith  
Project Manager  
NYSDEC – Division of Environmental Remediation  
Remedial Bureau D, 12th Floor  
625 Broadway  
Albany, NY 12233-7013

RE: Upper Harbor Brook IRM  
City of Syracuse, Onondaga County, NY  
Order on Consent: Index #D7-0008-01-09

Dear Mr. Smith:

Enclosed are the final Construction Work Plan and Health & Safety Plan in accordance with the NYSDEC’s comments and O’Brien & Gere responses. The NYSDEC approved these documents for distribution on August 15, 2012.

1. NYSDEC Comment: Page 6, Section 3.1. The HASP needs to be submitted for review.  
Response 1: The HASP has been previously submitted and comments addressed. Revised version is accompanying these responses.

2. NYSDEC Comment: Page 10, Paragraph 2, Sentence 4, Section 4.1. The sentence states that, “Existing trees with conservation value will be preserved by marking and, if possible, using construction fence to identify its location.” Please include criteria for retaining trees and consult with DEC prior to the removal of large trees. In addition, a figure that identifies the locations of trees which were removed along with the appropriate justification for removal should be provided in the Upper Harbor Brook IRM Final Engineering Report.  
Response 2: Native species greater than 12 inches to 18 inches in diameter at chest height will be evaluated for conservation. Prior to any removal activities, the NYS DEC will be notified of planned action in sufficient time to review.

3. NYSDEC Comment: Page 12, Paragraph 1, Section 5. It is stated that “...during non-work hours or periods of heavy precipitation which result in flows in excess of average, water will flood some of the work zones.” To minimize contaminated water migrating off site or the generation of construction water (from pumping out flooded areas) pumps will likely need to be run during non-work hours. Please revise as necessary.  
Response 3: The comment is noted. Existing pumps associated with Upper Harbor Brook bypass operations will be operational during non-working hours to maintain work areas in a dry environment. Each work area will be completed as soon as practical to minimize open areas.

4. NYSDEC Comment: Page 15, Section 5, Paragraph P, last sentence and page 29, Paragraph 2, Section 8. The text describes the dewatering process of sediments within a confined sediment basin.
The disposal process of the contaminated water from dewatering should be indicated here. Further, please include the location of the confined sediment basin on Figure 1 and include a discussion of the basin within the work plan.

Response 4: The comment is noted. Additional text describing the removal and disposal of the water generated by the dewatering of contained sediments has been added to both sections referenced. The Water Management Plan (Fig 1) has 4 staging areas which are located in areas where material storage may be required. These are the locations where confined basins would be constructed if required.

5. NYSDEC Comment: Page 16, Section 6. This section should refer to a wetlands restoration and wetlands maintenance and monitoring plans.
Response 5: The wetlands restoration plan will comply with Appendix L of the approved Design Report. A Maintenance and Monitoring plan is in preparation and will be forthcoming.

6. NYSDEC Comment: Page 16, paragraph 3, Section 6. Please indicate here that only native plants will be chipped and used as wetland cover; non-native or invasive species will not be used, as indicated on Sheet G-1, Wetland Restoration Notes, #11.
Response 6: Text revised as requested.

7. NYSDEC Comment: Page 16, paragraph 6, Section 6. The organic content of the topsoil listed, 6-20%, should be consistent with organic content listed (4-20%) in the Wetland Restoration Notes (note #2), Figure G-1. Please revise accordingly.
Response 7: Text revised as requested.

8. NYSDEC Comment: Page 19, Section 7. Throughout this section, reference is made to backfill with “Type J” material; however the appropriate backfill for wetland areas is “Type L” material. Please clarify.
Response 8: Comment is noted. Section 6 refers to the wetland excavation and restoration efforts and Type “L” is identified as the material to use. Type “J” material will be utilized as backfill for the Open Water Areas and specific ditches. Senne Bank Run will be used as backfill in D/E ditch and Railroad Ditches 1 & 2 as identified in the contract drawings.

9 NYSDEC Comment: Page 19, Paragraph 3h “Open Water Area -4", Section 7 and page 20, Paragraph 5e “Open Water Area -3”, Section 7. The last sentence indicates that the “soil exhibiting staining and odor will be segregated and tested.” The text should refer to Section 11.1 “Excavation and Transport of Materials from Upper Harbor Brook” for specific analyses. Please revise accordingly.
Response 9: Comment is noted and text revised.

10 NYSDEC Comment: Page 21, paragraph 7e “Open Water Area -2”, Section 7 and page 21, Paragraph 9e “Open Water Area -1”, Section 7. Please indicate why excavated soil from these areas will not undergo laboratory analysis (similar to other open water areas).
Response 10: Comment is noted and revised in text.

11 NYSDEC Comment: Page 22, Paragraph 1, Section 7.B. In the fourth sentence it states that cleaning and inspection of the storm sewer pipe will be discussed in Section 10, but it is not included here. Please include this section and revise.
Response 11: Comment is noted and text added to Section 7.
12 NYSDEC Comment: Page 22 and 23. In item number 6 of Section 7.B is it necessary to transfer the material from smaller trucks into the larger truck? Due to the location of the I-690 drainage ditch the material can be directly placed on Wastebed B if appropriate. Please revise as necessary.
Response 12: The I-690 ditch will require off road transporters in certain areas along the ditch as wet conditions and steep grades exist which do not permit the use of conventional dump trucks. Other locations within the project area will also utilize direct load and double handling depending upon the circumstance.

13 Page 33, Section 11.1. Please see my May 24, 2012 email (attached) to Tom Conklin regarding the Wastebed B soil piles. This section will need to be consistent with the email and any additional discussions regarding the disposal of material.
Response 13: Comment is noted. Referenced section has been revised to reflect the aforementioned email to Tom Conklin.

14 Page 35, Paragraph 1, Section 12. It is stated here that discrete soil samples will be collected from 26 locations following excavation for informational purposes only. Please indicate the value of using discrete rather than composite samples for post-excavation sampling.
Response 14: Discrete samples are proposed rather than composite samples during this work due to the need to backfill excavations immediately based upon the proposed construction methods and railroad requirements. We feel that the number of discrete samples (26) is sufficient to document the materials that will be left in place as part of this remedial work.

15 Appendix B, page 1, Paragraph 1, Bullets 3 and 6. The text refers to the installation of an HDPE liner in the Wastebed D/E ditch and in OW-4/Culvert 4; however, it should refer to an LLDPE liner as specified on Sheets G-37 and G-38. Please revise accordingly.
Response 15: Comment is noted and correction made to the text.

16 Appendix B, page 1, Paragraph 1, Bullets 1, 5, and 7. The text should note that a LLDPE liner will be installed in the I-690 Ditch, OW-1, OW-2, and OW-3. Please revise.
Response 16: Comment is noted and correction made to the text.

17 Appendix B, page 1, Introduction. The text states, “Perimeter air monitoring will evaluate potential air quality impacts on the surrounding community from volatile organic compounds (VOCs), dust, and odors.” It is suggested that the text be revised to read, “Perimeter air monitoring will evaluate potential air quality impacts from remedial activities at the site from volatile organic compounds (VOCs), dust, and odors.” As written, the text suggests that the surrounding community will be impacted.
Response 17: Text will be revised to read: “Perimeter air monitoring will evaluate potential air quality impacts from remedial activities at the site from volatile organic compounds (VOCs), dust, and odors.”

18 Appendix B, page 2, Community Receptors, Monitoring Locations. The last paragraph on page 1 suggests that physical locations of air monitors will be moved daily. Is this correct? Or does this mean that stationary monitors will be deployed and only specific monitors will be used on a daily basis? Please clarify.
Response 18: That is correct, the monitor locations will be moved on a daily basis depending upon the predicted wind direction each day. The text will be edited to clarify.
19 Appendix B, page 2, Dust Monitoring. When more than one downgradient monitor is needed due to multiple work areas, will additional upgradient monitors also be deployed? Please clarify.
Response 19: One upwind dust monitor will generally be used to determine ambient background dust for all downwind monitors. CAMP text will be edited to clarify.

20 Appendix B, page 2, Dust Monitoring. Control Level and Work Perimeter Limit. Please provide a reference for the use of 100 µg/m³ and 150 µg/m³ as benchmark levels (especially in light of different levels used at other sites). While the difference in the levels may not be significant, it would be helpful to understand why the criteria at one site may be different than what is being used at another.
Response 20: 100 and 150 µg/m³ levels are used as recommended in NYSDOH Generic Community Air Monitoring Program (gCAMP) Guidance and are the standard levels used for community air monitoring when specific project conditions or discussions with regulatory agencies do not lead to site-specific levels.

21 Appendix B, page 2, VOC Monitoring. When more than one downgradient monitor is needed due to multiple work areas, will additional upgradient monitors also be deployed? Please clarify.
Response 21: One upwind TVOC monitor will be used to determine ambient background TVOCs for all downwind monitors. CAMP text will be edited to clarify.

22 Appendix B, page 3, Investigation Level, Control Level, and Work Perimeter Limit. Please provide a reference for the use of 2 µg/m³, 3 µg/m³, and 5 µg/m³. Specifically, the difference between site-related activities generation concentrations of 2 µg/m³ and 3 µg/m³ seems difficult to reliably measure.
Response 22: The work perimeter limit for TVOC of 5 ppm above background is the limit specified in NYSDOH Generic Community Air Monitoring Program (gCAMP) Guidance to temporarily halt work. The lower two limits application of controls (3 ppm), and investigate the source (2 ppm), are implemented as lower preventive levels to reduce the frequency of conditions requiring work stoppage. The TVOC levels are consistent with other perimeter air monitoring programs conducted for the Honeywell Portfolio. Investigation to determine which site activities are causing perimeter concentrations at 2 ppm or above may also include use of TVOC monitors utilized for work zone monitoring.

23 Stormwater Pollution Prevention Plan, Page 02570-3, Section 02570-3.02, “Stabilization”. Please indicate that invasive plants shall not exceed greater than 10% cover.
Response 23: Comment is noted. The “Response to Comments” letter will be included in the copy of the SWPPP that is kept on-site during construction so that site personnel are aware of the modification. In addition, this letter will be included with public copies of the SWPPP. No modification will be made to the SWPPP document.

Please contact Dave Edwards at O’Brien & Gere (315-200-7659) or me should you have any questions regarding the information presented herein.

Sincerely,

John P. McAuliffe, P.E.
Program Director, Syracuse
Enc. (2 copies, 2 CDs)

<table>
<thead>
<tr>
<th>cc</th>
<th>Enclosure Details</th>
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<tbody>
<tr>
<td>Ms. Ellen Hahn</td>
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<tr>
<td>Ms. Tara Blum</td>
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<td>O.C. Office of the Environment (1 copy, 1 CD)</td>
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<td>Honeywell (ec or CD)</td>
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<tr>
<td>Mr. Brian White</td>
<td>O’Brien &amp; Gere (ec or ec ltr only)</td>
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</table>
May 4, 2012

Mr. Tracy A. Smith  
Project Manager  
NYSDEC Div. of Environmental Remediation  
Remedial Bureau D  
625 Broadway, 12th Floor  
Albany, NY 12233-7016

RE: Upper Harbor Brook IRM  
City of Syracuse, Onondaga County, NY  
Order on Consent: Index #D7-0008-01-09

Dear Mr. Smith:

This letter presents the Upper Harbor Brook IRM Draft Construction Work Plan (CWP) and Final Storm Water Pollution Prevention Plan (SWPPP). The changes requested by NYSDEC have been incorporated into the SWPPP. These plans have been prepared by O'Brien & Gere on behalf of Honeywell International Inc.

Should you have any questions regarding the work described in these documents, please contact Dave Edwards (315-956-6873) or Brian White (315-956-6862) at O'Brien & Gere or me at your earliest convenience.

Sincerely,

John P. McAuliffe, P.E.  
Program Director, Syracuse

Enc. (2 copies, 2 CDs)  
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Attachment 1

SPDES Notice of Intent
NOTICE OF INTENT

New York State Department of Environmental Conservation
Division of Water
625 Broadway, 4th Floor
Albany, New York 12233-3505

Stormwater Discharges Associated with Construction Activity Under State Pollutant Discharge Elimination System (SPDES) General Permit # GP-0-10-001

All sections must be completed unless otherwise noted. Failure to complete all items may result in this form being returned to you, thereby delaying your coverage under this General Permit. Applicants must read and understand the conditions of the permit and prepare a Stormwater Pollution Prevention Plan prior to submitting this NOI. Applicants are responsible for identifying and obtaining other DEC permits that may be required.

-IMPORTANT-
RETURN THIS FORM TO THE ADDRESS ABOVE

OWNER/OPERATOR MUST SIGN FORM

Owner/Operator Information

Owner/Operator (Company Name/Private Owner Name/Municipality Name)
Honeywell International Inc

Owner/Operator Contact Person Last Name (NOT CONSULTANT)
McAuliffe

Owner/Operator Contact Person First Name
John

Owner/Operator Mailing Address
301 Plainfield Road, Suite 330
Syracuse

City

State
NY
Zip
13212

Phone (Owner/Operator)
315-552-9781
Fax (Owner/Operator)
315-552-9780

Email (Owner/Operator)
john.mcauliffe@honeywell.com

FED TAX ID
22-2640650 (not required for individuals)
1. Provide the Geographic Coordinates for the project site in NYTM Units. To do this you must go to the NYSDEC Stormwater Interactive Map on the DEC website at: www.dec.ny.gov/imsmaps/stormwater/viewer.htm

Zoom into your Project Location such that you can accurately click on the centroid of your site. Once you have located your project site, go to the tool boxes on the top and choose "i" (identify). Then click on the center of your site and a new window containing the X, Y coordinates in UTM will pop up. Transcribe these coordinates into the boxes below. For problems with the interactive map use the help function.

X Coordinates (Easting)  
4 0 3 0 2 3

Y Coordinates (Northing)  
4 7 6 8 3 1 0

2. What is the nature of this construction project?

○ New Construction

○ Redevelopment with increase in imperviousness

● Redevelopment with no increase in imperviousness
3. Select the predominant land use for both pre and post development conditions.

**SELECT ONLY ONE CHOICE FOR EACH**

<table>
<thead>
<tr>
<th>Pre-Development Existing Land Use</th>
<th>Post-Development Future Land Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>○ FOREST</td>
<td>○ SINGLE FAMILY HOME</td>
</tr>
<tr>
<td>○ PASTURE/OPEN LAND</td>
<td>○ SINGLE FAMILY SUBDIVISION</td>
</tr>
<tr>
<td>○ CULTIVATED LAND</td>
<td>○ TOWN HOME RESIDENTIAL</td>
</tr>
<tr>
<td>○ SINGLE FAMILY HOME</td>
<td>○ MULTIFAMILY RESIDENTIAL</td>
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<tr>
<td>○ SINGLE FAMILY SUBDIVISION</td>
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<td>○ INDUSTRIAL</td>
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<td>○ MUNICIPAL</td>
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<tr>
<td>○ INDUSTRIAL</td>
<td>○ ROAD/HIGHWAY</td>
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<tr>
<td>○ COMMERCIAL</td>
<td>○ RECREATIONAL/SPORTS FIELD</td>
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<tr>
<td>○ ROAD/HIGHWAY</td>
<td>○ BIKE PATH/TRAIL</td>
</tr>
<tr>
<td>○ RECREATIONAL/SPORTS FIELD</td>
<td>○ LINEAR UTILITY (water, sewer, gas, etc.)</td>
</tr>
<tr>
<td>○ BIKE PATH/TRAIL</td>
<td>○ PARKING LOT</td>
</tr>
<tr>
<td>○ LINEAR UTILITY</td>
<td>○ CLEARING/GRADING ONLY</td>
</tr>
<tr>
<td>○ PARKING LOT</td>
<td>○ DEMOLITION, NO REDEVELOPMENT</td>
</tr>
<tr>
<td>○ OTHER</td>
<td>○ WELL DRILLING ACTIVITY *(Oil, Gas, etc.)</td>
</tr>
<tr>
<td><em>Vacant Land</em></td>
<td><em>Undeveloped</em></td>
</tr>
</tbody>
</table>

*note: for gas well drilling, non-high volume hydraulic fractured wells only*

4. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law?  
   ○ Yes  ○ No

5. Is this a project which does not require coverage under the General Permit (e.g. Project done under an Individual SPDES Permit, or department approved remediation)?  
   ○ Yes  ○ No

6. Is this property owned by a state authority, state agency, federal government or local government?  
   ○ Yes  ○ No

7. In accordance with the larger common plan of development or sale, enter the total project site acreage, the acreage to be disturbed and the future impervious area (acreage) within the disturbed area. Round to the nearest tenth of an acre.

<table>
<thead>
<tr>
<th>Total Site Acreage</th>
<th>Acreage To Be Disturbed</th>
<th>Existing Impervious Area Within Disturbed</th>
<th>Future Impervious Area Within Disturbed</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.00</td>
<td>9.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

8. Do you plan to disturb more than 5 acres of soil at any one time?  
   ○ Yes  ○ No

9. Indicate the percentage of each Hydrologic Soil Group(HSG) at the site.

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<tbody>
<tr>
<td>%</td>
<td>%</td>
<td>%</td>
<td>100%</td>
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</tbody>
</table>

Page 3 of 10
10. Is this a phased project?  
○ Yes  ● No

11. Enter the planned start and end dates of the disturbance activities.

Start Date: 06/04/2012 - End Date: 06/03/2013

12. Identify the nearest, natural, surface waterbody(ies) to which construction site runoff will discharge.

Name: Upper Harbor Brook

12a. Type of waterbody identified in Question 12?

○ Wetland / State Jurisdiction On Site (Answer 12b)
○ Wetland / State Jurisdiction Off Site
○ Wetland / Federal Jurisdiction On Site (Answer 12b)
○ Wetland / Federal Jurisdiction Off Site
○ Stream / Creek On Site
○ Stream / Creek Off Site
○ River On Site
○ River Off Site
○ Lake On Site
○ Lake Off Site
○ Other Type On Site
○ Other Type Off Site

12b. How was the wetland identified?

○ Regulatory Map
○ Delineated by Consultant
○ Delineated by Army Corps of Engineers
○ Other (identify)

13. Has the surface waterbody(ies) in question 12 been identified as a 303(d) segment in Appendix E of GP-0-10-001?  
○ Yes  ● No

14. Is this project located in one of the Watersheds identified in Appendix C of GP-0-10-001?  
○ Yes  ● No

15. Is the project located in one of the watershed areas associated with AA and AA-S classified waters? If no, skip question 16.  
○ Yes  ● No
16. Does this construction activity disturb land with no existing impervious cover and where the Soil Slope Phase is identified as an E or F on the USDA Soil Survey? If Yes, what is the acreage to be disturbed?  
   □ Yes □ No

17. Will the project disturb soils within a State regulated wetland or the protected 100 foot adjacent area?  
   □ Yes □ No

18. Does the site runoff enter a separate storm sewer system (including roadside drains, swales, ditches, culverts, etc)?  
   □ Yes □ No □ Unknown

19. What is the name of the municipality/entity that owns the separate storm sewer system?
   N Y S D O T, C S X, S y r a c u s e

20. Does any runoff from the site enter a sewer classified as a Combined Sewer?  
   □ Yes □ No □ Unknown

21. Has the required Erosion and Sediment Control component of the SWPPP been developed in conformance with the current NYS Standards and Specifications for Erosion and Sediment Control (aka Blue Book)?  
   □ Yes □ No

22. Does this construction activity require the development of a SWPPP that includes Water Quality and Quantity Control components (Post-Construction Stormwater Management Practices) (If No, skip questions 23 and 27-35)?  
   □ Yes □ No

23. Have the Water Quality and Quantity Control components of the SWPPP been developed in conformance with the current NYS Stormwater Management Design Manual?  
   □ Yes □ No
24. The Stormwater Pollution Prevention Plan (SWPPP) was prepared by:

- Professional Engineer (P.E.)
- Soil and Water Conservation District (SWCD)
- Registered Landscape Architect (R.L.A)
- Certified Professional in Erosion and Sediment Control (CPESC)
- Owner/Operator
- Other

SWPPP Preparer
O'Brien & Gere

Contact Name (Last, Space, First)
Heckathorne, James

Mailing Address
333 West Washington Street

City
Syracuse

State Zip
NY 13221-4873

Phone Fax
315-956-6277 315-463-7554

Email
jim.heckathorne@obg.com

I hereby certify that the Stormwater Pollution Prevention Plan (SWPPP) for this project has been prepared in accordance with the terms and conditions of the GP-0-10-001. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of this permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

First Name
James

MI
R

Last Name
Heckathorne

Signature

Date
05/01/2012
25. Has a construction sequence schedule for the planned management practices been prepared?  □ Yes  □ No

26. Select all of the erosion and sediment control practices that will be employed on the project site:

**Temporary Structural**
- Check Dams
- Construction Road Stabilization
- Dust Control
- Earth Dike
- Level Spreader
- Perimeter Dike/Swale
- Pipe Slope Drain
- Portable Sediment Tank
- Rock Dam
- Sediment Basin
- Sediment Traps
- Silt Fence
- Stabilized Construction Entrance
- Storm Drain Inlet Protection
- Straw/Hay Bale Dike
- Temporary Access Waterway Crossing
- Temporary Stormdrain Diversion
- Temporary Swale
- Turbidity Curtain
- Water bars

**Vegetative Measures**
- Brush Matting
- Dune Stabilization
- Grassed Waterway
- Mulching
- Protecting Vegetation
- Recreation Area Improvement
- Seeding
- Sodding
- Straw/Hay Bale Dike
- Streambank Protection
- Temporary Swale
- Topsoiling
- Vegetating Waterways

**Permanent Structural**
- Debris Basin
- Diversion
- Grade Stabilization Structure
- Land Grading
- Lined Waterway (Rock)
- Paved Channel (Concrete)
- Paved Flume
- Retaining Wall
- Riprap Slope Protection
- Rock Outlet Protection
- Streambank Protection

**Biotechnical**
- Brush Matting
- Wattling

**Other**
- Cofferdam, Water Diversion
27. Indicate all Stormwater Management Practice(s) that will be installed/constructed on this site:

**Ponds**
- Micropool Extended Detention (P-1)
- Wet Pond (P-2)
- Wet Extended Detention (P-3)
- Multiple Pond System (P-4)
- Pocket Pond (P-5)

**Wetlands**
- Shallow Wetland (W-1)
- Extended Detention Wetland (W-2)
- Pond/Wetland System (W-3)
- Pocket Wetland (W-4)

**Filtering**
- Surface Sand Filter (F-1)
- Underground Sand Filter (F-2)
- Perimeter Sand Filter (F-3)
- Organic Filter (F-4)
- Bioretention (F-5)
- Other [ ] [ ] [ ] [ ]

**Infiltration**
- Infiltration Trench (I-1)
- Infiltration Basin (I-2)
- Dry Well (I-3)
- Underground Infiltration System

**Open Channels**
- Dry Swale (O-1)
- Wet Swale (O-2)

**Alternative Practice**
- Rain Garden
- Cistern
- Green Roof
- Stormwater Planters
- Permeable Paving (Modular Block)

**Verified Proprietary Practice**
- Hydrodynamic
- Wet Vault
- Media Filter

28. Describe other stormwater management practices not listed above or explain any deviations from the technical standards.

29. Has a long term Operation and Maintenance Plan for the post-construction stormwater management practice(s) been developed?  
   - [ ] Yes  
   - [ ] No

If Yes, Identify the entity responsible for the long term Operation and Maintenance Plan: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
30. Provide the total water quality volume required and the total provided for the site.

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<thead>
<tr>
<th>WQv Required</th>
<th>WQv Provided</th>
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31. Provide the following Unified Stormwater Sizing Criteria for the site.

**Total Channel Protection Storage Volume (CPv)** - Extended detention of post-developed 1 year, 24 hour storm event

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<thead>
<tr>
<th>CPv Required</th>
<th>CPv Provided</th>
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31a. The need to provide for channel protection has been waived because:

- Site discharges directly to fourth order stream or larger

**Total Overbank Flood Control Criteria (Op)** - Peak discharge rate for the 10 year storm

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<th>Pre-Development</th>
<th>Post-development</th>
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31b. The need to provide for flood control has been waived because:

- Site discharges directly to fourth order stream or larger
- Downstream analysis reveals that flood control is not required

**Total Extreme Flood Control Criteria (Qf)** - Peak discharge rate for the 100 year storm

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<th>Pre-Development</th>
<th>Post-development</th>
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</table>

31. Provide the following Unified Stormwater Sizing Criteria for the site.

**Total Overbank Flood Control Criteria (Op)** - Peak discharge rate for the 10 year storm

31a. The need to provide for channel protection has been waived because:

- Site discharges directly to fourth order stream or larger

**Total Extreme Flood Control Criteria (Qf)** - Peak discharge rate for the 100 year storm

31b. The need to provide for flood control has been waived because:

- Site discharges directly to fourth order stream or larger
- Downstream analysis reveals that flood control is not required

IMPORTANT: For questions 31 and 32, impervious area should be calculated considering the project site and all offsite areas that drain to the post-construction stormwater management practice(s). (Total Drainage Area = Project Site + Offsite areas)

32. Pre-Construction Impervious Area - As a percent of the Total Drainage Area enter the percentage of the existing impervious areas before construction begins.

33. Post-Construction Impervious Area - As a percent of the Total Drainage Area, enter the percentage of the future impervious areas that will be created/remain on the site after completion of construction.

34. Indicate the total number of post-construction stormwater management practices to be installed/constructed.

35. Provide the total number of stormwater discharge points from the site. (include discharges to either surface waters or to separate storm sewer systems)
36. Identify other DEC permits that are required for this project.

**DEC Permits**
- Air Pollution Control
- Coastal Erosion
- Hazardous Waste
- Long Island Wells
- Mined Land Reclamation
- Other SPDES
- Solid Waste
- None
- Other

**Consent Order #D70080109**

37. Does this project require a US Army Corps of Engineers Wetland Permit?  
   - Yes
   - No
   If Yes, Indicate Size of Impact. [ ]

38. Is this project subject to the requirements of a regulated, traditional land use control MS4?  
   - Yes
   - No
   (If No, skip question 39)

39. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with this NOI?  
   - Yes
   - No

40. If this NOI is being submitted for the purpose of continuing coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned. [ ]

**Owner/Operator Certification**
I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit, there may be reporting requirements. I hereby certify that this document and the corresponding documents were prepared under my direction or supervision. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) business days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledging that the SWPPP has been developed and will be implemented as the first element of construction, and agreeing to comply with all the terms and conditions of the general permit for which this NOI is being submitted.

Print First Name

Print Last Name

Owner/Operator Signature

Date

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Attachment 2

Erosion and Sediment Control Specification
02570 – 1 GENERAL

This Section describes temporary facilities and activities intended to minimize erosion of soils and sedimentation of lands and waters adjacent to or affected by the proposed Upper Harbor Brook Interim Remedial Measure (IRM) Project.

The IRM is designed to eliminate to the extent practicable, within the scope of the IRM, the discharge of impacted ground water and non-aqueous phase liquid (NAPL) to Harbor Brook and Onondaga Lake. Upon completion of remediation activities, the area habitat will be restored in a manner that improves the ecological values and services provided by the area (e.g., wildlife habitat) while improving its capacity to manage and treat stormwater runoff from the site under post-IRM conditions.

While efforts will be made to minimize the acreage of disturbance within individual components of the IRM, completion of the overall IRM in a timely manner that maintains the Onondaga Lake dredging schedule necessitates overall project disturbance of more than five acres at one time. Approval from the NYSDEC will be received prior to the proposed disturbance.

02570 – 1.01 REFERENCES

All work will be performed in substantive compliance with the New York State Department of Environmental Conservation (NYSDEC) State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activities (Permit No. GP-0-10-001). Materials and installation will be in accordance with the latest revisions of the following codes, standards, and specifications:

1. NYSDEC Standards and Specifications for Erosion and Sediment Control. (NYSDEC 2005)

02570 – 1.02 SUBMITTALS

Submit shop drawings of silt fence, cofferdam/sand bags, water pumps, temporary sediment tanks, and other materials and equipment to the Engineer.

02570 – 2 MATERIALS

02570 – 2.01 GENERAL

Provide all necessary supervision, labor, equipment and materials as needed to perform the specified work. Materials shall include silt fence, vegetation, stone, erosion control fabric, sand, and other manufactured products to reduce erosion and control sedimentation.

02570 – 2.02 SILT FENCE

Posts shall be steel (either T or U type) or 2-inch square hardwood with minimum 10-foot spacing. Wire fence backing shall be woven wire, 14.5 gauge, with 6-inch maximum mesh opening.

Geotextile filter cloth sizing shall be as recommended by the manufacturer. The material shall have a minimum tensile strength of 120 pounds (test procedure ASTM D1682).
02570 – 2.03 STABILIZED CONSTRUCTION ENTRANCE

Stone used for stabilized construction entrances and staging areas shall be a minimum of 2-inch stone. Equivalent material (*i.e.*, reclaimed concrete) may be used with approval from the Owner’s Representative.

Geotextile bedding shall consist of Mirafi 500X.

Overall dimensions and installation notes are as shown on the Contract Drawings.

02570 – 2.04 TEMPORARY VEGETATION

See Section 3.02.

02570 – 2.05 STONE CHECK DAMS

Stone will be NYSDOT Item 620.02 and 620.03 as specified or equivalent. Fabric will be Mirafi 140N or approved equal.

02570 – 2.06 CONSTRUCTION ROAD STABILIZATION

Access roads shall be installed with the materials specified on the Contract Drawings prior to use.

02570 – 2.07 DUST CONTROL

Measures may include water application or mulching but will not include use of chemical additives.

02570 – 2.08 PORTABLE SEDIMENT TANK

Temporary water storage tanks shall be 22,000-gallon capacity frac tanks or equivalent. Filter bags by U.S. Fabric or equivalent shall be used.

02570 – 2.09 TEMPORARY COFFERDAM

Temporary cofferdams will consist of 1 cubic yard capacity supersacks or approved equal. Temporary water inflated dams shall be 4-ft high from Aqu-Barrier or equivalent.

02570 – 2.10 WATER PUMPS

Water pumps shall be Godwin Dri-Prime or approved equal.

02570 – 3 CONSTRUCTION DETAILS

02570 – 3.01 SEQUENCE

A temporary stabilized construction entrance shall be installed in the ingress and egress locations. If needed, in addition to the required decontamination procedures, vehicles/equipment shall be washed on the entrance prior to leaving the site. Periodic top dressing of the entrance shall be performed as necessary as material accumulates to prevent tracking of material onto off-site roads.

Silt fencing shall be installed along toes of embankments, on downstream portions of the site perimeter, and around spoil piles and stockpiles. Double layers of silt fence shall be installed adjacent to streams and wetlands.
Cofferdams and flow diversion facilities shall be installed to maintain surface water flow upstream and
downstream of the active work zone for the duration of the project. Facilities shall be installed prior to
commencement of remedial activities.

Temporary sedimentation facilities shall be placed as needed to manage dewatering of excavations.

Staging areas for construction vehicles, equipment, and supplies shall be established in areas approved by
the Owner.

Additional erosion and sediment control (ESC) facilities shall be installed as shown on the Contract
Drawings and as directed by the Owner’s representative or the Qualified Inspector. These facilities shall
remain in place until construction activities are completed and the site is stabilized.

The site shall be cleared and grubbed within the limits of work only. Cleared vegetation, soil, and other
debris shall be stockpiled in approved areas for disposal at an approved location.

Stockpiled and exposed soil shall be stabilized and covered in accordance with the Contract Documents.
Chipped vegetation that does not include material from non-native and invasive species may be used as
mulch as long as the depth of material does not exceed two inches in any location.

Upon stabilization of the site and approval of final site inspection, temporary ESC measures shall be
removed.

**02570 – 3.02 STABILIZATION**

The Project area shall be planted with the permanent vegetation in accordance with the Restoration Plan
(O’Brien & Gere 2011). Seeding for stabilization or restoration will be performed during two seasonal
windows: mid-April to early June or the month of November. Planting potted stock will occur from mid-
April to early June or from September through December. If site soils require seeding and stabilization at
times outside of these dates, they will be temporarily seeded and mulched using 100 pounds per acre of
oats (*Avena sativa*) and 2 tons per acre of straw until the area can be planted with the permanent
plantings.

In restoration areas, 85% relative cover of native species shall be attained by the end of the prescribed
post construction operations, maintenance and monitoring (OM&M) period. Adjacent areas identified for
stabilization shall attain 80% vegetative cover in accordance with Permit No. GP-0-10-001 and maintain
the 80% cover throughout the prescribed post construction OM&M period.

**02570 – 3.03 PERMANENT STABILIZATION**

Permanent stabilization measures will be initiated pursuant to the New York State Standards and
Specifications for Erosion and Sediment Control (NYSDEC 2005) as soon as practicable. For
portions of the site where soil disturbance activities have permanently ceased, stabilization measures
must be implemented within 7 days of the conclusion of activities. This requirement does not apply if
the installation of stabilization measures is precluded by snow cover or frozen ground conditions;
however, measures will be implemented as soon as practicable.

Project-specific permanent stabilization measures are provided in Section 02981.

**02570 – 3.04 ADDITIONAL STORMWATER CONTROLS**

Listed below is a description of additional controls and measures that shall be implemented at the site to
minimize pollutant transport.

Proper precautions shall be taken so materials do not spill onto adjacent roadways. Materials shall be
removed as soon as practicable so that they do not enter surface and subsurface drainage systems.

Dust control measures shall be provided before dust migrates off-site. Measures may include water application or mulching but shall not include use of chemical additives.

Topsoil, mulch, cleared vegetation, and planting materials shall be properly stored and/or contained in designated areas.

Chemicals (e.g. fertilizers, herbicides) with spill potential shall have appropriate secondary containment.

**02570 – 3.05 MAINTENANCE**

Construction period operation and maintenance:

1. ESC facilities (e.g., silt fencing, cofferdams) shall be maintained within the work area except as required to allow equipment access for construction activities and shall be maintained until revegetation is complete.

2. Clean and/or repair or replace silt fences as necessary.

3. Stabilized construction entrances shall be resurfaced as necessary.

4. Remove debris and litter on a weekly basis or more frequently if necessary.

5. Manage non-target and invasive species in accordance with the Restoration Plan and dispose of off-site.

6. Watering shall occur without resulting in erosion and downgradient sedimentation and be performed in accordance with the following:

   Watering of herbaceous species installed for stabilization or restoration will occur if 0.25 inches of precipitation is not received in any seven-day window from June through August in the year of seed (or plant) installation.

   In wetlands, watering will not be performed if soils remain moist and plants are showing no signs of moisture stress.

   Watering of woody species will occur if one inch of rain is not received during any seven-day window from June through August in the year of plant installation.

Post-construction operation, maintenance and monitoring:

1. Vegetation within the Project area shall be monitored and maintained in accordance with the OM&M plan.

2. Dead vegetation shall be replaced as necessary.

3. Seeded areas shall be maintained and/or reseeded or stabilized to protect against erosion and to achieve the targeted relative cover and survival percentages.

4. Sloughing or erosion of embankments shall be repaired.
02570 – 3.06 INSPECTION DURING CONSTRUCTION

General
Honeywell will be responsible for providing a Qualified Inspector\(^1\) to inspect the proposed ESC measures and disturbed areas of the construction site for compliance with the SWPPP until the site is stabilized. The Qualified Inspector will evaluate whether site-generated sediment is entering natural surface water bodies located within, or immediately adjacent to, the site boundaries. Digital photographs, with date stamp, will be taken that show the conditions of ESC facilities and stormwater management practices that have been identified as needing corrective actions. Additional photographs will be taken after implementation of corrective actions showing the condition of the facilities and practices. These photographs will be attached to the inspection form within seven calendar days of the respective inspection.

These inspections will be completed at least once every seven calendar days as long as the acreage of disturbance is less than five acres. The Qualified Inspector will conduct at least two site inspections every seven calendar days, with a minimum of two full calendar days between inspections for the project area when greater than five acres are disturbed under NYSDEC authorization. A typical Inspection Report Form for conducting the inspections is included in Attachment 5 of the SWPPP.

Prior to construction, Honeywell will identify at least one Trained Contractor\(^2\) from each company involved in ground disturbance who will be responsible for implementation of the SWPPP and inspection of the erosion and sediment controls in accordance with the New York State Standards and Specifications for Erosion and Sediment Control (NYSDEC 2005). At least one Trained Contractor will be on site on a daily basis while soil disturbance activities are being performed.

If corrective action is required based on the results of inspection, the Contractor will initiate the corrective action within one business day and complete it within seven calendar days following the date of the inspection. Additional mitigation measures will be implemented by the Contractor if warranted to minimize sediment transport or discharge of sediment-laden runoff off-site. Each inspection report will remain on file at the site as part of the SWPPP.

Temporary Construction Shutdown (Winter Conditions)
Honeywell may cease the periodic inspections by the Trained Contractor when soil-disturbing activities have been temporarily suspended (e.g., winter shutdown) and temporary stabilization measures have been applied to disturbed areas. However, the Qualified Inspector must perform a site inspection at least once every 30 calendar days. Honeywell will notify the NYSDEC in writing prior to reducing the inspection frequency. Honeywell will resume inspections by the Trained Contractor and Qualified Inspector in accordance with this Section as soon as soil disturbance activities resume.

Final Site Inspection
The Qualified Inspector will perform a final inspection of the site to certify the following:

- construction is complete and disturbed areas have been stabilized

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\(^1\) Qualified inspector means a person that is knowledgeable in the principles and practices of erosion and sediment control, such as a licensed Professional Engineer, Certified Professional in Erosion and Sediment Control (CPESC), Registered Landscape Architect, or other NYSDEC endorsed individual(s). It can also mean someone working under the direct supervision of, and at the same company as, the licensed Professional Engineer or Registered Landscape Architect, provided that person has training in the principles and practices of erosion and sediment control.

\(^2\) Trained contractor means an employee from the contracting (construction) company that has received four hours of NYSDEC endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other NYSDEC endorsed entity. It can also mean an employee from the contracting (construction) company that meets the qualified inspector qualifications. The trained contractor will be responsible for the day to day implementation of the SWPPP.
temporary ESC facilities have been removed

Upon satisfactory completion of the final site inspection, the Qualified Inspector will sign the appropriate sections of the Notice of Termination (NOT) form.

**02570 – 3.07 NON-STORMWATER DISCHARGES**

The Contractor will be responsible for identifying areas at the site dedicated for construction vehicle transit or equipment staging which shall be monitored and where runoff can be controlled.

Cleaning of construction vehicles and equipment shall occur in designated staging/laydown areas. Chemicals and detergents shall not be used.

Water used for dust control measures shall be applied using proper quantities and equipment to avoid runoff to the extent practicable. No chemical additives will be used.

Water collected from excavations shall be sent to a temporary sedimentation facility or off-site for proper disposal. Water shall be discharged to a stabilized area once sediment is allowed to settle out.

**02570 – 3.08 SPILL PREVENTION**

The following spill prevention measures will be performed:

- materials that stored on-site with potential for spillage will be stored in a neat, orderly manner in their appropriate containers and in secondary containment
- products will be kept in their original containers with the original manufacturer’s label
- substances will not be mixed with one another unless recommended by the substance manufacturer
- whenever possible, product will be used up or packages resealed before proper disposal of contents and containers off site
- manufacturers’ recommendations for proper use and disposal will be followed
- inspection will be made for proper use and disposal of materials
- on-site vehicles will be monitored for leaks and receive regular preventative maintenance to reduce the chance of leakage of petroleum products. Petroleum products will be stored in closed containers which are clearly labeled. Used oils will be disposed of properly
- materials will be brought on-site in the minimum quantities required to limit on-site storage
- with the exception of bypass pumps, refueling of vehicles and equipment shall occur a minimum of 50-feet from streams and wetlands.

**02570 – 3.09 SPILL CONTROL PRACTICES**

Spills of petroleum, toxins, or hazardous material will be reported to the appropriate State or local government agencies. Spills will be cleaned up immediately after discovery.

 Manufacturers’ recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.

Materials and equipment necessary for spill cleanup will be kept in an on-site material storage area. Equipment and materials will include but not be limited to shovels, rags, gloves, goggles, spill control materials, sand, sawdust, and trash containers specifically for this purpose.

The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.

A spill report will be completed and will include a description of the spill, what caused it, and the corrective measures taken.
02570 – 3.10 CERTIFICATIONS

Contractor Certification - Each Contractor involved in soil disturbance shall understand and sign a form (see Attachment 4) containing the following certification statement:

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspector during a site inspection. I also understand that the Owner or operator must comply with the terms and conditions of the New York State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings. I also certify, that I have received a copy of the SWPPP and will retain a copy of such SWPPP on-site during construction."

Prior to construction the Owner shall identify at least one qualified inspector who shall understand and sign a form (see Attachment 4) containing the following certification statement:

“"I hereby certify that I meet the criteria set forth in the General Permit to conduct site inspections for this Project and that the appropriate erosion and sediment controls described in the SWPPP and as described in the Pre-construction site Assessment Checklist have been adequately installed or implemented, ensuring the overall preparedness of this site for the commencement of construction."

02570 – 3.11 NOTICE OF INTENT/TERMINATION

Honeywell shall be responsible for submitting the SPDES General Permit No. GP-0-10-001 Notice of Intent (NOI) (Attachment 1) that addresses the project prior to initiation of construction activities. This NOI and SWPPP will be updated as necessary until complete. The Notice of Termination (NOT) (Attachment 7) shall be completed and submitted by Honeywell to the NYSDEC upon completion of construction and stabilization of the Project area.
Attachment 3

Water Management Plan
Construction water management and by-pass pumping will be a significant component of this project. By-pass pumping of Upper Harbor Brook will be conducted during intrusive activities to control average flow but during non-work hours or periods of heavy precipitation which result in flows in excess of average, water will flood some of the work zones. Scheduling of excavations will be planned to minimize the potential for contamination of clean areas. Trench, ditch and wetland excavations will be graded as necessary to minimize surface water entry and the need for construction water control measures, to the extent possible. Construction water that does collect in open, active excavations will be pumped during work hours, pretreated (as required), and conveyed to the Lakeshore Pump Station, where it will be pumped to the Willis/Semet Groundwater Treatment Plant (GWTP) for treatment.

The following work areas methodology and equipment requirements represent the Water Management Plan that will be employed during construction associated with the Upper Harbor Brook IRM. Figure 1 provides locations for staging areas, access roads, pumping equipment staging, water barriers, and other facilities that will be used in the work areas. The stationing that is referenced is also provided on Figure 1.

The work sequencing and the specified equipment is based on anticipated quantity and duration of flow in and out of the various work areas. The anticipated sequencing of work areas is provided but is subject to change based on flows encountered from each of the areas described. The type of water management to be used is identified for each work area as By-Pass Pumping (BPP) and Construction Water Management (CWM). Facilities, pumping equipment and water barriers/diversions will be removed and flow restored upon completion of construction. Identified pump sizing is for informational purposes and may be subject to change depending upon encountered field conditions. The approach to water management as described below is subject to change dependent upon the field conditions encountered.

1 I-690 Drainage Ditch/Storm Sewer cleaning (BPP)

Initial Setup
1) Install silt fence along northern perimeter of ditch for entire length (approximately 1,500 LF).
2) Install supersacks\(^1\) (or other approved barrier) at Sta. 0-50 (west end of ditch) to intercept water inflow.
3) Install Godwin Dri-Prime 4x3-inch pump within contained area.
4) Discharge water into ditch at Sta. 7+50.

Setup Location 2
5) Install supersacks at Sta. 7+50.
6) Install Godwin Dri-Prime 4x3-inch pump within contained area.
7) Discharge water into OW-1.

2 WL-6 (BPP)

1) Install silt fence around perimeter of wetland as it is excavated to required depth.
2) Install supersacks at Sta. 12+10 to convey ditch water around wetland area.
3) Locate Godwin Dri-Prime 4x3-inch pump at Sta. 12+00.
4) Discharge water into OW-1.

3 Upper Harbor Brook Pump Station No. 2/ Collection Trench No. 2 (CWM)

1) Install silt fence as dictated by field conditions.
2) Install Godwin Dri-Prime 6-inch pump (Godwin Dri-Prime 4-inch pump as standby) during excavation activities for pump station construction.
3) Discharge water into a 22,000 gallon frac tank with an internal weir and a bag filter on the discharge side of the frac tank.

\(^1\) supersacks shall be 1 cubic yard capacity
4) Discharge water from the frac tank via the existing sump to the Lakeshore Pump Station and then the Ground Water Treatment Plant.

5) Once Pump Station No. 2 is completed, bypass and construction water will be directed to Pump Station No. 2, pumped to the Lakeshore Pump Station and then to the Ground Water Treatment Plant.

4  Upper Harbor Brook Pump Station No. 1/ Collection Trench No. 1 (CWM)
   1) Install silt fence as dictated by construction activities.
   2) Install Godwin Dri-Prime 6-inch pump (Godwin Dri-Prime 4-inch pump as standby) during excavation activities for wet well construction.
   3) Discharge water into a 22,000 gallon frac tank with an internal weir and a bag filter on the discharge side of the frac tank.
   4) Discharge water from the frac tank will be directed into Pump Station No.1 which is directed to Pump Station No.2 which feeds the Lakeshore Pump Station and then to the Ground Water Treatment Plant.
   5) Once Pump Station No. 1 is completed, bypass and construction water will ultimately be directed to Pump Station No. 2 via an installed 2-inch fiberglass reinforced plastic (FRP) force main piping system and pumped to the Lakeshore Pump Station and then to the Ground Water Treatment Plant.

5  Wastebed D/E Drainage Ditch (BPP)
   1) Install silt fence along I-690 embankment toe (approximately 1,900 LF).
   2) Remediation will be performed within ditch section of approximately 600 lf such that 4 BPP locations will be utilized.
   3) Utilize the same water barrier, diversion, and pump equipment in each BPP station.
   4) Supersacks will be installed to temporarily dam water flow.
   5) Install a Godwin Dri-Prime 4x3-inch pump upstream of the supersacks.
   6) Discharge water downstream past the next station.
   7) Locations will be established at Stations 19+50, 13+50, 7+00 and 1+50.
   8) Discharge from the final station at 1+50 will be to OW-3/Culvert #3. This station will remain until remediation of OW-3/Culvert #3 is completed.

6  Railroad Drainage Ditch #2/WRR 3, 4, 5 (BPP & CWM)
   1) Install silt fence around perimeter of wetland areas as excavation advances.
   2) Install supersacks at culvert discharge into Railroad Drainage Ditch #2.
   3) Install a Godwin 4-inch Dri-Prime pump at culvert discharge into Railroad Drainage Ditch #2.
   4) Discharge by-pass water to Railroad Drainage Ditch #1.
   5) Place a 3-inch trash pump in low areas of the wetlands to manage construction water within the excavation to an 8,000 gallon frac tank with an internal weir and a bag filter on the discharge side of the frac tank.
   6) Discharge water from the frac tank to 1 of 2 sumps which feed the Lakeshore Pump Station until completion of the wetland restoration.

7  OW-5 (BPP)
   1) Install silt fence separating temporary access road and western crest of OW-5.
   2) Install Aquabarrier (or equal) approximately 50 ft downstream from Floatable Control Facility.
   3) Install (2) Godwin Dri-Prime 12-inch pumps in sump created by the Aquabarrier with an additional Godwin Dri-Prime 12-inch pump in reserve.
4) Discharge water to outfall of Culvert #5 using supersacks to control backflow into Culvert #5 (if required).

8 Culvert #5 (BPP)
   1) Upon completion of remedial activities in OW-5, relocate the Aquabarrier to the entrance to Culvert #5.
   2) Install (2) Godwin Dri-Prime 12-inch pumps in sump created by the Aquabarrier at the entrance to Culvert #5 with an additional Godwin Dri-Prime 12-inch pump in reserve. The entire length of OW-5 will serve as a sump from which by-pass water will be pumped to Culvert #3.

9 OW-4 (BPP)
   1) Upon completion of remedial activities in Culvert #5 and OW-4, relocate Aquabarrier to inlet of Culvert #4.
   2) Install (2) Godwin Dri-Prime 12-inch pumps in sump created by the Aquabarrier at the entrance to Culvert #4 with a Godwin Dri-Prime 12-inch pump in reserve.
   3) Discharge by-pass water to Culvert #3.
   4) Install supersacks (if required) at entrance to Culvert #3 to stop backflow into OW-3.

10 Culvert #4/OW-3 (BPP)
   1) Maintain Aquabarrier at inlet to Culvert #4.
   2) Maintain Godwin Dri-Prime 12-inch pumps in their location in OW-4.
   3) Continue discharge of by-pass water to Culvert #3.

11 Railroad Drainage Ditch #1/WRR1 and 2 (BPP/CWM)
   1) Install silt fence around perimeter of wetland areas as excavation advances.
   2) Install supersacks at headwater into Railroad Drainage Ditch #1.
   3) Install a Godwin 4-inch Dri-Prime pump at culvert discharge into Railroad Drainage Ditch #1.
   4) Discharge by-pass water to Railroad Drainage Ditch #2.
   5) Place a 3-inch trash pump in low areas to pump construction water to a 22,000 gallon frac tank with an internal weir and a bag filter on the discharge side of the frac tank.
   6) Discharge construction water from the frac tank to Pump Station No.1 sump.

12 Culvert #3 (BPP)
   1) Culvert #3 will maintain supersacks at upstream entrance to both culverts.
   2) As the culverts are cleaned and inspected, by-pass pumps will alternate between culverts discharging water downstream towards Culvert #1.
   3) Installation of force main piping, electrical conduit and CIPP lining in the western culvert will require all by-pass pumping to be discharged into the eastern culvert.

13 Culvert #2 /OW-1 & 2 (BPP)
   1) Maintain supersacks at inlet to Culvert #3 along with Godwin Dri-Prime 12-inch pumps.
   2) Pipe by-pass water through Culvert #3 to Culvert #1.
14 WPC1/WPC2/WPC3 (BPP/CWM)

1) Install silt fence around perimeter of wetland areas as excavation advances.
2) Determine location for 3-inch trash pump to pump by-pass water to Penn-Can Drainage Ditch after installing supersacks to stop inlet water to the wetlands.
3) Place a 3-inch trash pump in low areas to pump construction water to a 22,000 gallon frac tank with an internal weir and a bag filter on the discharge side of the frac tank.
4) Discharge water from the frac tank to 1 of 2 sumps which feed the Lakeshore Pump Station until completion of the wetland restoration.

15 Penn-Can Drainage Ditch (BPP)

1) Install silt fence between Penn-Can Drainage Ditch and CSX railroad tracks.
2) Place supersacks at Sta. 2+50 and Sta. 7+50.
3) Install a Godwin 4-inch Dri-Prime pump at Sta. 2+50 and discharge by-pass water at Sta. 7+50.
4) Once Penn-Can Drainage Ditch is remediated, place Godwin 4-inch Dri-Prime pump at Sta. 7+50 for discharge into culvert at Sta. 11+00.

16 Sediment Dewatering

1) The sediment resulting from Construction Water Management will be contained within 22,000 gallon frac tanks equipped with an internal weir which will remove the majority of the sediment in the collection vault and permit overflow of water into the main tank body. Additional settling will occur in the main tank compartment. Discharge water from the main tank will flow through a 25 micron bag filter, if required in order to meet a "visually clean" standard prior to being pumped into a water truck for deposit into a sump which is connected to the Lakeshore Pumping Station. Sediment which remains in the frac tank compartments will be removed, allowed to dewater within a confined sediment basin and placed within Wastebed B.
1. All information shown here is approximate only.

2. Sediment removal to be performed in the following locations:
   - Railroad Drainage Ditch #1
   - Railroad Drainage Ditch #2
   - Rt. 690 Storm Drain
   - Penn-Can Drainage Ditch
   - Open Water Areas 1, 2, 3, 4, and 5 (to floatable control device).

3. Cleaning/SEDIMENT REMOVAL, INSPECTION AND REPAIR TO BE PERFORMED AS REQUIRED IN CULVERTS #5, #15, RAILROAD DRAINAGE DITCH #1 CULVERT, RAILROAD DRAINAGE DITCH #2 CULVERT, AND RT. 690 STORM SEWER.

4. WETLAND EXCAVATION TO BE PERFORMED IN THE FOLLOWING LOCATIONS:
   - WL6, WPC1, WPC2, WPC3, WRR1, WRR2, WRR3, WRR4, AND WRR5

**PRELIMINARY NOT FOR CONSTRUCTION**

DATE: 02/13/2012

HONEYWELL INTERNATIONAL INC.
WASTEBED D/HARBOR BROOK (RM)
TOWN OF GEDDES
SYRACUSE, NEW YORK
Attachment 4

Pre-Construction Requirements
Pre-Construction Requirements

Instructions to Owner/Operator/Contractor

1. The Owner, Operator and Contractor shall read this Stormwater Pollution Prevention Plan (SWPPP) document to become familiar with all aspects of stormwater pollution prevention associated with this project. This document needs to be kept on file at the work Site at all times (i.e., in the work trailer).

2. The Owner, Operator, and Contractor shall read the New York State Department of Environmental Conservation SPDES General Permit for Storm Water Discharges from Construction Activities GP-0-10-001. This SWPPP has been prepared by the Owner to assist the Contractor with compliance with GP-0-10-001. The Contractor must follow the SWPPP and understand that this document presents standards for compliance with GP-0-10-001.

3. In the event of a transfer of ownership or responsibility for stormwater runoff, the original Owner or Operator must notify the new Owner or Operator in writing of the requirement to obtain permit coverage by submitting a new Notice of Intent (NOI). Once the new Owner or Operator obtains permit coverage, the original Owner or Operator shall submit a completed Notice of Termination (NOT) with the name and permit identification number of the new Owner or Operator. If the original Owner or Operator maintains ownership of a portion of the construction activity and will disturb soil, they must obtain their coverage under GP-0-10-001. Permit coverage for the new Owner or Operator will be effective as of the date a completed NOI is sent and an acknowledgement letter is received. Provided the original Owner or Operator was not subject to a sixty (60) business day authorization period that has not expired as of the date the Department receives the NOI from the new Owner or Operator.

4. Prior to commencing construction activities, the Owner/Operator/Contractor must complete the forms and certifications herein. This information shall be kept updated.

5. All enclosed certifications shall be completed and each one of the Contractors shall complete their portion of the certification. Each certification is to be completed and signed by a president, treasurer or vice president or any person who performs similar policy or decision making functions and by the on-Site individual having responsibility for the firm and each one of the Contractors implementing erosion control measures.
Pre-Construction Requirements

I. PRE-CONSTRUCTION MEETING DOCUMENTS

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Upper Harbor BrookIRM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permit No.</td>
<td></td>
</tr>
<tr>
<td>Date of NYSDEC Authorization</td>
<td></td>
</tr>
<tr>
<td>Name of Owner/Operator</td>
<td></td>
</tr>
<tr>
<td>Prime Contractor</td>
<td></td>
</tr>
<tr>
<td>Contractors</td>
<td></td>
</tr>
</tbody>
</table>

a. Preamble to Site Assessment and Inspections

The following information to be read by all person’s involved in the construction of stormwater related activities:

The Owner/Operator agrees to have a qualified inspector\(^1\) conduct an assessment of the Site prior to the commencement of construction\(^2\). The Owner/Operator shall certify in this inspection report that the appropriate erosion and sediment controls described in the SWPPP have been adequately installed and implemented to ensure overall preparedness of the Site for the commencement of construction.

When construction starts, Site inspections shall be conducted by the qualified inspector at least every 7 calendar days. For sites where the Owner has received authorization for NYSDEC to disturb greater than five acres of soil at one time, the qualified inspector shall conduct at least two Site inspections every seven calendar days. There should be a minimum of two full calendar days between inspections. The Owner/Operator shall maintain a record of all inspection reports on Site that shall be made available to the permitting authorities upon request.

Prior to filing the Notice of Termination or the end of permit term, the Owner/Operator shall have a qualified inspector perform a final Site inspection. The qualified inspector shall certify that the Site has undergone final stabilization\(^3\) using either vegetative or structural stabilization methods and that all temporary erosion and sediment controls (such as silt fencing) not needed for long-term erosion control have been removed.

Construction shall not commence until all erosion and sediment control facilities have been installed, inspected, and found acceptable by the Owner or Owner’s Representative.

---

\(^1\) “Qualified Inspector means a person knowledgeable in the principles and practices of erosion and sediment controls, such as a licensed Professional Engineer, Certified Professional in Erosion and Sediment Control (CPESC), licensed Landscape Architect, or other Department endorsed individual. It also means someone working under the direction and supervision of a licensed Professional Engineer or licensed Landscape Architect, provided that person has training in the principles and practices of erosion and sediment control.

\(^2\) “Commencement of construction” means the initial disturbance of soils associated with clearing, grading or excavation activities or other construction activities that disturb or expose soils such as demolition or stockpiling of fill material.

\(^3\) “Final stabilization” means that all soil-disturbance activities at the Site have ceased and uniform, perennial vegetative cover with a density of eighty (80) percent over the entire pervious surface has been established or equivalent stabilization measures such as permanent landscape mulches, rock rip-rap or washed/crushed stone have been applied on all disturbed areas that are not covered by permanent structures, concrete or pavement.
Pre-Construction Requirements

Pre-construction Site Assessment Checklist
(NOTE: Provide comments below as necessary)

1. Notice of Intent, SWPPP, and Contractors Certification:
   Yes  No  NA
   [ ] [ ]  [ ]  Has a Notice of Intent been filed with an acknowledgement letter received from the NYS Department of Conservation?
   [ ] [ ]  [ ]  Has MS4 Approval Letter (if needed) been received?
   [ ] [ ]  [ ]  Is the SWPPP on-Site? Where? __________________________
   [ ] [ ]  [ ]  Is the Plan current?  What is the latest revision date? ________
   [ ] [ ]  [ ]  Have all Contractor's involved with the stormwater related activities signed a Contractor’s Certification?
   [ ] [ ]  [ ]  Has Contractor's stabilization/construction sequence been received?

2. Resource Protection
   Yes  No  NA
   [ ] [ ]  [ ]  Are construction limits clearly flagged or fenced? __________________________
   [ ] [ ]  [ ]  Important trees and associated rooting zones, on-Site septic system absorption fields, existing vegetated areas suitable for filter strips, especially in perimeter areas, have been flagged for protection.
   [ ] [ ]  [ ]  Creek crossings installed prior to land-disturbing activity, including clearing and blasting.

3. Surface Water Protection
   Yes  No  NA
   [ ] [ ]  [ ]  Clean stormwater runoff has been diverted from areas to be disturbed.
   [ ] [ ]  [ ]  Bodies of water located either on-Site or in the vicinity of the Site have been identified and protected.
   [ ] [ ]  [ ]  Appropriate practices to protect on-Site or downstream surface water are installed.
   [ ] [ ]  [ ]  Are clearing and grading operations divided into areas <5 acres?

4. Stabilized Construction Entrance
   Yes  No  NA
   [ ] [ ]  [ ]  A temporary construction entrance to capture mud and debris from construction vehicles before they enter the public highway has been installed.
   [ ] [ ]  [ ]  Other access areas (entrances, construction routes, and equipment parking areas) are stabilized immediately as work takes place with gravel or other cover.
   [ ] [ ]  [ ]  Sediment tracked onto public streets is removed or cleaned on a regular basis.

5. Perimeter Sediment Controls
   Yes  No  NA
   [ ] [ ]  [ ]  Silt fence material and installation comply with the standard drawing and specifications.
   [ ] [ ]  [ ]  Silt fences are installed at appropriate spacing intervals.
   [ ] [ ]  [ ]  Sediment/detention basin was installed as first land disturbing activity.
   [ ] [ ]  [ ]  Sediment traps and barriers are installed.
6. Pollution Prevention for Waste and Hazardous Materials

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

The Operator or designated representative has been assigned to implement the spill prevention avoidance and response plan.

[ ] [ ] [ ] The plan is contained in the SWPPP on page ____________

[ ] [ ] [ ] Appropriate materials to control spills are on-Site. Where? ________________

b. Qualified Inspector’s Credentials and Certification

“I hereby certify that I meet the criteria set forth in the General Permit to conduct Site inspections for this project and that the appropriate erosion and sediment controls described in the SWPPP and as described in the following Pre-construction Site Assessment Checklist have been adequately installed or implemented, ensuring the overall preparedness of this Site for the commencement of construction”

Name (please print): ________________________________________________________________

Title: __________________________________________________ Date: _____________________

Address: ____________________________________________________________

Phone: ______________ Email: ________________________________

Signature: ____________________________________________________________
Pre-Construction Requirements

CONTRACTOR’S CERTIFICATION STATEMENT
(Each Contractor is required to sign the certification statement prior to working on-Site).

I. SITE INFORMATION
Construction Site Name: Upper Harbor Brook IRM
Site Location: Geddes and Syracuse

II. CONTRACTORS INFORMATION
Contracting Firm
Contracting Firm Address
Telephone Number(s)

Contact(s) 1)
2)
3)

Name(s) of Trained Contractor(s) that will be responsible from Contractor’s company for implementing the SWPPP:

Name________________________________________Title____________________________________

Name________________________________________Title____________________________________

A trained contractor is an employee of the contracting company that has received four (4) hours of training, which has been endorsed by the Department from a Soil and Water Conservation District, CPESC, Inc. or other Department endorsed entity in proper erosion and sediment control principles no later than two (2) years from the date this general permit is issued. After receiving the initial training, the trained contractor shall receive four (4) hours of training every three (3) years.

III. STORMWATER MEASURES
Contractor is responsible for implementing and maintaining the following stormwater measures:
1.
2.
3.
4.

IV. CERTIFICATION
"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspector during a Site inspection. I also understand that the owner or operator must comply with the terms and conditions of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for stormwater discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings. I also certify, that I have received a copy of the SWPPP and will retain a copy of such SWPPP on-Site during construction”

V. SIGNATURE: _________________________ DATE: _________________________

Name (print): _________________________ Title: _________________________
Attachment 5

Inspection Forms
Upper Harbor Brook IRM
SWPPP MAINTENANCE INSPECTION FORM

Permit No: NYR10
Name of Inspector: ____________________________
Inspection #: ____________________________
Date/Time of Inspection: ________________
Weather Conditions: ____________________________

Soil Conditions: WET /DRY /SATURATED (Circle One)

<table>
<thead>
<tr>
<th>Type of Inspection</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Initial Inspection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Weekly/Biweekly Inspection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Construction Shutdown Inspection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Final Inspection:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Has the site undergone final stabilization?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have all temporary erosion controls been removed?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Edit Checklist below for Project Specifics)

Project Checklist (indicate Areas of concern on the attached map)

Erosion and Sediment Controls:
1. Is there any evidence of sediment laden runoff leaving the site?
2. Are silt fences in good condition and free from visible signs of erosion?
3. Are temporary sediment tanks in place and being used properly?
4. Are construction access/egress points stabilized?
5. Are vehicles and equipment being washed down/decontaminated in a stabilized area?
6. Is wash-down water being managed to prevent sedimentation?
7. Are dust control measures being applied as needed?
8. Is water from excavations being managed to remove sediment?
9. Are flow diversion means and methods preventing downstream turbidity?

Stabilization Practices:
10. Have all disturbed portions of the site where earth disturbing activities have ceased and will not resume within 14 days been temporarily stabilized by covering with plastic, mulching, or by mulching and seeding?
11. Have all disturbed portions of the site where earth disturbing activities have permanently ceased been stabilized with topsoil and permanent seed?

Additional Stormwater Controls:
12. Are material storage / handling/stockpile areas properly stabilized?
13. Are concrete disposal areas being properly utilized?
14. Is there any evidence of spills or leaks from vehicles/equipment?

List Disturbed Areas

<table>
<thead>
<tr>
<th>List Disturbed Areas</th>
<th>Stabilized</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>1.</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td></td>
</tr>
</tbody>
</table>
FIELD RECORD COPY

Upper Harbor Brook IRM
SWPPP MAINTENANCE INSPECTION FORM

Work Performed Since Last Inspection & Effectiveness of Corrective Actions:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Comments on General Site Conditions:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Remarks/Recommendations:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Condition of Runoff at Discharge Points (Photos Attached):

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

PLEASE SEE ATTACHED MAP FOR LOCATIONS

Inspector: _________________________ Training #: ______ Date: _____________

Signature of Inspector

Reviewed: _________________________ Training #: ______ Date: _____________

Qualified Professional

FIELD RECORD COPY
Attachment 6
Contract Documents
(bound separately)
Attachment 7

SPDES Notice of Termination
NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity

Please indicate your permit identification number: NYR  ___  ___  ___  ___  ___  ___

<table>
<thead>
<tr>
<th>I. Owner or Operator Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Owner/Operator Name: Honeywell International, Inc.</td>
</tr>
<tr>
<td>2. Street Address: 301 Plainfield Road, Suite 330</td>
</tr>
<tr>
<td>3. City/State/Zip: Syracuse, NY 13212</td>
</tr>
<tr>
<td>4. Contact Person: John McAuliffe</td>
</tr>
<tr>
<td>5. Contact Person E-Mail: <a href="mailto:john.mcauliffe@honeywell.com">john.mcauliffe@honeywell.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>II. Project Site Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Project/Site Name: Upper Harbor Brook IRM</td>
</tr>
<tr>
<td>6. Street Address: 1690 and Willis Ave</td>
</tr>
<tr>
<td>7. City/Zip: Syracuse 13204</td>
</tr>
<tr>
<td>8. County: Onondaga</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>III. Reason for Termination</th>
</tr>
</thead>
<tbody>
<tr>
<td>9a. ☐ All disturbed areas have achieved final stabilization in accordance with the general permit and SWPPP.</td>
</tr>
<tr>
<td>*Date final stabilization completed (month/year): ____________________________</td>
</tr>
</tbody>
</table>

| 9b. ☐ Permit coverage has been transferred to new owner/operator. Indicate new owner/operator’s permit identification number: NYR  ___  ___  ___  ___  ___  ___ |
| (Note: Permit coverage can not be terminated by owner identified in I.1. above until new owner/operator obtains coverage under the general permit) |
| 9c. ☐ Other (Explain on Page 2) |

<table>
<thead>
<tr>
<th>IV. Final Site Information:</th>
</tr>
</thead>
<tbody>
<tr>
<td>10a. Did this construction activity require the development of a SWPPP that includes post-construction stormwater management practices? ☐ yes ☑ no (If no, go to question 10f.)</td>
</tr>
<tr>
<td>10b. Have all post-construction stormwater management practices included in the final SWPPP been constructed? ☐ yes ☐ no (If no, explain on Page 2)</td>
</tr>
<tr>
<td>10c. Identify the entity responsible for long-term operation and maintenance of practice(s)?</td>
</tr>
</tbody>
</table>

Page 1 of 3
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>10d. Has the entity responsible for long-term operation and maintenance been given a copy of the operation and maintenance plan required by the general permit?</td>
<td>☐ yes ☐ no</td>
</tr>
<tr>
<td>10e. Indicate the method used to ensure long-term operation and maintenance of the post-construction stormwater management practice(s):</td>
<td>☐ Post-construction stormwater management practice(s) and any right-of-way(s) needed to maintain practice(s) have been deeded to the municipality. ☐ Executed maintenance agreement is in place with the municipality that will maintain the post-construction stormwater management practice(s). ☐ For post-construction stormwater management practices that are privately owned, the deed of record has been modified to include a deed covenant that requires operation and maintenance of the practice(s) in accordance with the operation and maintenance plan. ☐ For post-construction stormwater management practices that are owned by a public or private institution (e.g. school, college, university), or government agency or authority, policy and procedures are in place that ensures operation and maintenance of the practice(s) in accordance with the operation and maintenance plan.</td>
</tr>
<tr>
<td>10f. Provide the total area of impervious surface (i.e. roof, pavement, concrete, gravel, etc.) constructed within the disturbance area?</td>
<td>0 (acres)</td>
</tr>
<tr>
<td>11. Is this project subject to the requirements of a regulated, traditional land use control MS4?</td>
<td>☐ yes ☒ no (If Yes, complete section VI - “MS4 Acceptance” statement</td>
</tr>
</tbody>
</table>

### V. Additional Information/Explanation:
(Use this section to answer questions 9c. and 10b., if applicable)

### VI. MS4 Acceptance - MS4 Official (principal executive officer or ranking elected official) or Duly Authorized Representative (Note: Not required when 9b. is checked - transfer of coverage)

I have determined that it is acceptable for the owner or operator of the construction project identified in question 5 to submit the Notice of Termination at this time.

| Printed Name: | |
| Title/Position: | |
| Signature: | Date: |
### VII. Qualified Inspector Certification - Final Stabilization:

I hereby certify that all disturbed areas have achieved final stabilization as defined in the current version of the general permit, and that all temporary, structural erosion and sediment control measures have been removed. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

| Printed Name: |  |
| Title/Position: |  |
| Signature: | Date: |

### VIII. Qualified Inspector Certification - Post-construction Stormwater Management Practice(s):

I hereby certify that all post-construction stormwater management practices have been constructed in conformance with the SWPPP. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

| Printed Name: |  |
| Title/Position: |  |
| Signature: | Date: |

### IX. Owner or Operator Certification

I hereby certify that this document was prepared by me or under my direction or supervision. My determination, based upon my inquiry of the person(s) who managed the construction activity, or those persons directly responsible for gathering the information, is that the information provided in this document is true, accurate and complete. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

| Printed Name: |  |
| Title/Position: |  |
| Signature: | Date: |