

April 27, 2018

Carolyn Smith Pravlik Kathleen L. Millian Terris, Pravlik & Millian, LLP 1121 12th Street NW Washington, D.C. 20005-4632

**Subject: Annual Notice to Stakeholders/Utilities** 

**SA-5 Consent Decrees** 

This letter documents Honeywell's compliance with the obligation to provide an annual update notice to New Jersey One Call and other underground alert hotlines regarding site conditions and activities at Site 153 Former Morris Canal (north and south) and New Jersey City University (NJCU) Property. These obligations are stated in paragraph 81 of the Consent Decree Regarding Sites 79 and 153 South, and Paragraph 104 of the Consent Decree Regarding Remediation of the New Jersey City University Redevelopment Area, which includes Site 153 North. The update letters are being transmitted to New Jersey One Call as the appropriate underground utility hotline in New Jersey, and also to the individual utility companies with services in the area of the NJCU and Former Morris Canal Sites. Copies of the notification letters are attached for reference. Honeywell provided previous annual update notice letters to stakeholders including utility entities on April 25, 2017.

This letter covers the calendar year 2017. In 2017, an extension to the underground barrier wall was installed on the eastern side of the Commercial AOC cap to create a fully contiguous barrier wall around the cap area. The new barrier wall tied in to existing sheet pile along the northern end of the cap and extended to the end of the sheet pile wing wall located on the southeastern side of the remedy, along Building 5. Following sheet pile installation, new liner was installed and welded to the existing liner, and laid over top of new sheeting and sealed along the sheet pile alignment with sand/bentonite. A Deed Notice Disturbance Report addressing the disturbance and restoration was submitted by Honeywell to the NJDEP on August 7, 2017. Also in 2017, NJCU initiated the Phase II Roadway work as part of the West Campus redevelopment, which is expected to be completed in the second half of 2018. In accordance with the Long Term Monitoring Plan, a Deed Notice Disturbance Report will be submitted within sixty days of restoration.

In the annual notice letters dated April 20, 2012, Honeywell provided utility maps including as-built drawings associated with the completed remedial actions for Site 153 and NJCU Commercial Area (as required by paragraph 70 of the Consent Decree Regarding Sites 79 and 153 South and paragraph 79 of the Consent Decree Regarding Remediation of the New Jersey City University Redevelopment Area). Updated as-builts including the additional remediation component at NJCU have been sent to utility entities with the 2018 annual notification letters. Updated utility maps will be provided with subsequent annual notification letters to utility entities, as needed, based on any changes to the maps or following further remediation, as is currently occurring at the NJCU Site, or in conjunction with sewer repairs or replacement.

April 27, 2018 Terris, Pravlik & Millian, LLP Annual Notice to Stakeholders/Utilities Page 2 of 2

The notification letters, in addition, will be posted on a web site, as per the requirements of the above Consent Decrees. Honeywell is currently using the following website to provide information on the status of the chromium remedial actions: www.jerseycitychromiumcleanup.com.

If you have any questions, please feel free to call me at 973-455-3302.

Sincerely,



Maria Kaouris
Remediation Manager

MK:jh/sg

Encl: copies of utility notification letters

cc: (electronic copy)

Joseph Clifford – Amec Foster Wheeler

Michael Daneker – Arnold & Porter Kaye Scholer LLP Jeremy Karpatkin – Arnold & Porter Kaye Scholer LLP

William Hague – Honeywell John Morris – Honeywell Robert Wayne – LeClairRyan

Aaron Aska – New Jersey City University

Michael D'Aquila - New Jersey City University

Al Ramey - New Jersey City University

Alicia Clark Alcorn - Terris, Pravlik & Millian, LLP



April 27, 2018

Mr. James Holzer New Jersey One Call System 1 Corporate Place South, Suite 150 Piscataway, NJ 08854

Subject: Annual Update Regarding Utilities on Former Morris Canal and New Jersey City University

West Side Campus

Jersey City, New Jersey

Dear Mr. Holzer:

Honeywell is providing this annual notice update regarding site conditions and activities at the New Jersey City University (NJDEP Sites 90 and 184) and the Former Morris Canal (NJDEP Site 153) Properties as part of its focus on preventing any subsurface work from disturbing the environmental remedies implemented at these sites, and in compliance with the requirements of two separate Consent Decrees. These are the Consent Decree Regarding Sites 079 and 153 South, Paragraph 81, and the Consent Decree Regarding Remediation of the New Jersey City University (NJCU) Redevelopment Area (which includes Site 153 North), Paragraph 104 (the Consent Decrees).

Under the referenced Consent Decrees, Honeywell must provide an annual update notice regarding Site conditions and activities related to the utilities identified in the area of the Morris Canal and NJCU Sites and New Jersey One Call or any other underground alert hotlines. Based on our review, New Jersey One Call is the appropriate underground utility hotline in New Jersey.

This letter provides an updated annual notice regarding the conditions and activities at the sites as required by the Consent Decrees. In addition, we are sending annual notification letters to the individual utility companies in the area of the above-referenced sites as a supplemental approach to utility notification. The previous notices were provided by Honeywell in a letter dated April 25, 2017. This letter covers calendar year 2017.

Honeywell completed remedial actions for chromium impacts at the Former Morris Canal and NJCU sites that are subject to the Consent Decrees. The remedial actions, approved by the New Jersey Department of Environmental Protection (NJDEP), are described below:

## **The Former Morris Canal**

This property consists of a narrow strip of land that was originally a part of the Former Morris Canal. The property runs adjacent to the eastern side of Route 440 from Carbon Place to Danforth Avenue (see attached aerial location map). Soils on portions of this property contain hexavalent chromium above New Jersey's most stringent soil guideline of 20 milligrams/kilogram (mg/kg). Utility poles and various utility lines are located on the property.

Remediation at the Former Morris Canal has been implemented as per the requirements of the two Consent Decrees referenced above and consistent with the Sewer Protocol issued by the New Jersey Department of Environmental

April 27, 2018 Mr. James Holzer, NJ One Call Utilities on Former Morris Canal and NJCU West Side Campus Page 2 of 3

Protection. In the southern part of the Canal starting north of Danforth Avenue and running approximately 2,525 feet north, just past Home Depot, remediation consisted of either: (a) excavation of the top 3 feet of soil and replacement with clean fill; or (b) replacement of the existing asphalt cap and/or landscaped areas so as to ensure the integrity and protectiveness of these engineering controls. The remedial actions in the southern portion of the Canal were conducted as two separate efforts, one at the end of 2009 and the second in the latter part of 2011.

Remedial actions in the northern part of the Canal, the section adjacent to NJCU, included the installation of a membrane cap and pavement in areas adjacent to the cap. The remedial actions in this section occurred in conjunction with the NJCU remedial actions, which, as per the detail provided below, were completed at the end of 2011.

Honeywell, as the owner of Morris Canal Property has placed a deed restriction on the entire Morris Canal Site. The deed restriction, among other things, requires Honeywell to maintain the integrity of the above remedial measures. The deed notice will be updated in 2018 to reflect NJDEP's current deed notice format, the completion of remedial actions as well as changes made by Jersey City to Block and Lot numbers.

# The NJCU West Side Campus

The NJCU West Side Campus property, located between West Side Avenue and Route 440 (see attached aerial location map), will become the home of New Jersey City University's new "West Side Campus." The West Side Campus will give NJCU expanded academic facilities, including new classrooms, administrative offices and dormitories.

Honeywell and NJCU have worked and continue to work together to coordinate the NJCU West Campus redevelopment with the remedial actions for chromium, implemented between 2010 and 2011. The remedial actions, which were approved by NJDEP and conform with the requirements of the Consent Decree Regarding Remediation of the New Jersey City University, included soil excavation in the area of the Site referred to as the Residential Area of Concern (Residential Area) and capping in the area of the Site referred to as the Commercial Area of Concern (Commercial Area). Soil excavation was conducted to New Jersey's residential soil guideline for hexavalent chromium of 20 mg/kg to a depth of 20 feet in the area of future Buildings 5 and 6, and to a level of 5 mg/kg in the top 4 feet across the Residential Area.

In the Commercial Area, Honeywell installed a state-of-the-art "RCRA type" cap over chromium contaminated soils, consisting of a geosynthetic liner, a drainage layer, and 1 to 2 feet of clean fill, followed by paving and/or stone placement for future use to meet the University's parking needs. In addition to the cap, the remedy included the installation of underground barrier walls to isolate impacted groundwater from clean areas. Site remediation included construction of clean utility corridors for new utilities to be placed above the cap.

The NJDEP issued a Restricted Use No Further Action Letter and Remedial Action Permit for soils in May 2012. NJCU, as the owner of the property, recorded a deed restriction on the Commercial Area that requires the cap to be properly maintained. Honeywell is committed to maintaining the integrity of the cap in compliance with New Jersey law and its obligations under the Consent Decree.

In 2017, an extension to the underground barrier wall was installed on the eastern side of the Commercial AOC cap to create a fully contiguous barrier wall around the cap area. The new barrier wall tied in to existing sheet pile along the northern end of the cap and extended to the end of the sheet pile wing wall located on the southeastern side of the remedy, along Building 5. Following sheet pile installation, new liner was installed and welded to the existing liner, and laid over top of new sheeting and sealed along the sheet pile alignment with sand/bentonite. Also in 2017, NJCU

April 27, 2018 Mr. James Holzer, NJ One Call Utilities on Former Morris Canal and NJCU West Side Campus Page 3 of 3

initiated the Phase II Roadway work as part of the West Campus redevelopment, which is expected to be completed in the second half of 2018.

The utility maps including as-built drawings associated with the completed remedial actions at both the NJCU and Morris Canal sites were provided with the annual notification letters submitted on April 20, 2012. Updated as-builts including this additional remediation component at NJCU are attached. Similarly, updated utility maps will continue to be provided, as needed, based on any changes required following any further remediation in conjunction with sewer repair or replacement.

We appreciate your cooperation. If you have any questions or would like additional information, please contact me at 973-455-3302.

Sincerely,

Maria Karris

Maria Kaouris Remediation Manager

MK:jh/sg

Encl: Aerial Location Map

As-Builts

cc: (electronic copy)

Joseph Clifford – Amec Foster Wheeler
Michael Daneker – Arnold & Porter Kaye Scholer LLP
Jeremy Karpatkin – Arnold & Porter Kaye Scholer LLP
William Hague – Honeywell
John Morris – Honeywell
Robert Wayne – LeClairRyan
Aaron Aska – New Jersey City University
Michael D'Aquila – New Jersey City University
Al Ramey – New Jersey City University



April 27, 2018

Mr. Timothy Boyle Superintendent City of Bayonne Department of Public Works 630 Avenue C Bayonne, NJ 07002

Subject: Annual Update Regarding Utilities on Former Morris Canal and New Jersey City University West

Side Campus

Jersey City, New Jersey

Dear Mr. Boyle:

Honeywell is providing this annual notice update regarding site conditions and activities at the New Jersey City University (NJDEP Sites 90 and 184) and the Former Morris Canal (NJDEP Site 153) Properties as part of its focus on preventing any subsurface work from disturbing the environmental remedies implemented at these sites, and in compliance with the requirements of two separate Consent Decrees. These are the Consent Decree Regarding Sites 079 and 153 South, Paragraph 81, and the Consent Decree Regarding Remediation of the New Jersey City University (NJCU) Redevelopment Area (which includes Site 153 North), Paragraph 104 (the Consent Decrees).

Under the referenced Consent Decrees, Honeywell must provide an annual update notice regarding Site conditions and activities related to the utilities in the area of the Morris Canal and NJCU Sites. The City of Bayonne Department of Public Works (DPW) has a sanitary sewer force main, manholes and associated structures located along Route 440 in Jersey City, within the Morris Canal and in close proximity to the NJCU Site. The previous annual notice was provided by Honeywell in a letter dated April 25, 2017. This letter covers calendar year 2017.

Honeywell completed remedial actions for chromium impacts at the Former Morris Canal and NJCU sites that are subject to the Consent Decrees. The remedial actions, approved by the New Jersey Department of Environmental Protection (NJDEP), are summarized below:

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Remediation at the Former Morris Canal has been implemented as per the requirements of the two Consent Decrees referenced above and consistent with the Sewer Protocol issued by the New Jersey Department of Environmental Protection. In the southern part of the Canal starting north of Danforth Avenue and running approximately 2,525 feet north, just past Home Depot, remediation consisted of either: (a) excavation of the top 3 feet of soil and replacement with clean fill; or (b) replacement of the existing asphalt cap and/or landscaped areas so as to ensure the integrity and

April 27, 2018 Mr. Timothy Boyle, Bayonne DPW Utilities on Former Morris Canal and NJCU West Side Campus Page 2 of 3

protectiveness of these engineering controls. The remedial actions in the southern portion of the Canal were conducted as two separate efforts, one at the end of 2009 and the second in the latter part of 2011.

Remedial actions in the northern part of the Canal, the section adjacent to NJCU, included the installation of a membrane cap and pavement in areas adjacent to the cap. The remedial actions in this section occurred in conjunction with the NJCU remedial actions, which, as per the detail provided below, were completed at the end of 2011.

Honeywell, as the owner of Morris Canal Property has placed a deed restriction on the entire Morris Canal Site. The deed restriction, among other things, requires Honeywell to maintain the integrity of the above remedial measures. The deed notice will be updated in 2018 to reflect NJDEP's current deed notice format, the completion of remedial actions as well as changes made by Jersey City to Block and Lot numbers.

## The NJCU West Side Campus

The NJCU West Side Campus property, located between West Side Avenue and Route 440 (see attached aerial location map), will become the home of New Jersey City University's new "West Side Campus." The West Side Campus will give NJCU expanded academic facilities, including new classrooms, administrative offices and dormitories.

Honeywell and NJCU have worked and continue to work together to coordinate the NJCU West Campus redevelopment with the remedial actions for chromium, implemented between 2010 and 2011. The remedial actions, which were approved by NJDEP and conform with the requirements of the Consent Decree Regarding Remediation of the New Jersey City University, included soil excavation in the area of the Site referred to as the Residential Area of Concern (Residential Area) and capping in the area of the Site referred to as the Commercial Area of Concern (Commercial Area). Soil excavation was conducted to New Jersey's residential soil guideline for hexavalent chromium of 20 mg/kg to a depth of 20 feet in the area of future Buildings 5 and 6, and to a level of 5 mg/kg in the top 4 feet across the Residential Area.

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April 27, 2018 Mr. Timothy Boyle, Bayonne DPW Utilities on Former Morris Canal and NJCU West Side Campus Page 3 of 3

The utility maps including as-built drawings associated with the completed remedial actions at both the NJCU and Morris Canal sites were provided with the annual notification letters submitted on April 20, 2012. Updated as-builts including this additional remediation component at NJCU are attached. Similarly, updated utility maps will continue to be provided, as needed, based on any changes required following any further remediation in conjunction with sewer repair or replacement.

With regard to any work that the Bayonne Department of Public Works is planning in the future, we ask that you follow the Standard Operating Procedure we have developed jointly. You can report any such pending work by calling 855-727-2658, a special number Honeywell has obtained in order to receive such notifications.

As always, we appreciate your cooperation. If you have any questions or would like additional information, please feel free to call me at (973) 455-3302.

Sincerely,

Maria Karris

Maria Kaouris Remediation Manager

MK:jh/sg

Encl: Aerial Location Map

As-Builts

cc: (electronic copy)

Joseph Clifford - Amec Foster Wheeler

Michael Daneker – Arnold & Porter Kaye Scholer LLP Jeremy Karpatkin – Arnold & Porter Kaye Scholer LLP

William Hague – Honeywell

John Morris - Honeywell

Robert Wayne - LeClairRyan

Aaron Aska - New Jersey City University

Michael D'Aquila - New Jersey City University

Al Ramey – New Jersey City University

John Hroncich - SUEZ North America



April 27, 2018

Christopher Tomlin
North Region Maintenance Manager
New Jersey Department of Transportation
200 Stierli Court
Mt. Arlington, NJ 07856

Subject: Annual Update Regarding Utilities on Former Morris Canal and New Jersey City University West

Side Campus

Jersey City, New Jersey

Dear Mr. Tomlin:

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April 27, 2018 Christopher Tomlin, New Jersey Department of Transportation Utilities on Former Morris Canal and NJCU West Side Campus Page 2 of 3

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April 27, 2018 Christopher Tomlin, New Jersey Department of Transportation Utilities on Former Morris Canal and NJCU West Side Campus Page 3 of 3

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One of the key objectives of this letter is to make you aware that Honeywell has developed a Worker Training Manual that describes appropriate measures for coordination with Honeywell in addressing chromium contaminated soils. We, therefore, ask that if you have the need to do any work, either in the area of the Morris Canal or the Commercial Area of NJCU (please see attached map), that you please notify us prior to such work in these areas so that we can provide you copies of, and brief you on, the Worker Training Manual. To the extent, feasible, we request that you notify Honeywell at least 10 business days in advance of any activity you will be undertaking, so that we can provide you the information and properly coordinate. You can report any such pending work by calling 855-727-2658, a special number Honeywell has obtained in order to receive such notifications.

We appreciate your cooperation. If you have any questions or would like additional information, please feel free to call me at (973) 455-3302.

Sincerely,

Maria Karris

Maria Kaouris Remediation Manager

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Encl: Aerial Location Map

**Updated As-Builts** 

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William Hague – Honeywell

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Robert Wayne - LeClairRyan

Aaron Aska - New Jersey City University

Michael D'Aguila - New Jersey City University



April 27, 2018

Public Service Electric and Gas Company P.O. Box 1023 Cranford, NJ 07016

Subject: Annual Update Regarding Utilities on Former Morris Canal and New Jersey City University West

Side Campus

Jersey City, New Jersey

To Whom It May Concern:

Honeywell is providing this annual notice update regarding site conditions and activities at the New Jersey City University (NJDEP Sites 90 and 184) and the Former Morris Canal (NJDEP Site 153) Properties as part of its focus on preventing any subsurface work from disturbing the environmental remedies implemented at these sites, and in compliance with the requirements of two separate Consent Decrees. These are the Consent Decree Regarding Sites 079 and 153 South, Paragraph 81, and the Consent Decree Regarding Remediation of the New Jersey City University (NJCU) Redevelopment Area (which includes Site 153 North), Paragraph 104 (the Consent Decrees).

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April 27, 2016
Public Service Electric and Gas Company
Utilities on Former Morris Canal and NJCU West Side Campus
Page 2 of 3

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April 27, 2016
Public Service Electric and Gas Company
Utilities on Former Morris Canal and NJCU West Side Campus
Page 3 of 3

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Maria Kaouris
Remediation Manager

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Encl: Aerial Location Map

**Updated As-Builts** 

cc: (electronic copy)

Joseph Clifford – Amec Foster Wheeler

Michael Daneker – Arnold & Porter Kaye Scholer LLP Jeremy Karpatkin – Arnold & Porter Kaye Scholer LLP

William Hague – Honeywell

John Morris - Honeywell

Robert Wayne - LeClairRyan

Aaron Aska - New Jersey City University

Michael D'Aguila - New Jersey City University



April 27, 2018

Bob Hass Engineering/Construction Leader PSE&G Transmission 4000 Hadley Road, MC 429 South Plainfield, NJ 07080

Subject: Annual Update Regarding Utilities on Former Morris Canal and New Jersey City University West

Side Campus

Jersey City, New Jersey

Dear Mr. Hass:

Honeywell is providing this annual notice update regarding site conditions and activities at the New Jersey City University (NJDEP Sites 90 and 184) and the Former Morris Canal (NJDEP Site 153) Properties as part of its focus on preventing any subsurface work from disturbing the environmental remedies implemented at these sites, and in compliance with the requirements of two separate Consent Decrees. These are the Consent Decree Regarding Sites 079 and 153 South, Paragraph 81, and the Consent Decree Regarding Remediation of the New Jersey City University (NJCU) Redevelopment Area (which includes Site 153 North), Paragraph 104 (the Consent Decrees).

Under the referenced Consent Decrees, Honeywell must provide an annual update notice regarding Site conditions and activities related to the utilities in the area of the Morris Canal and NJCU Sites. The City of Bayonne Department of Public Works (DPW) has a sanitary sewer force main, manholes and associated structures located along Route 440 in Jersey City, within the Morris Canal and in close proximity to the NJCU Site. The previous annual notice was provided by Honeywell in a letter dated April 21, 2016. This letter covers calendar year 2016.

Honeywell completed remedial actions for chromium impacts at the Former Morris Canal and NJCU sites that are subject to the Consent Decrees. The remedial actions, approved by the New Jersey Department of Environmental Protection (NJDEP), are summarized below:

#### The Former Morris Canal

This property consists of a narrow strip of land that was originally a part of the Former Morris Canal. The property runs adjacent to the eastern side of Route 440 from Carbon Place to Danforth Avenue (see attached aerial location map). Soils on portions of this property contain hexavalent chromium above New Jersey's most stringent soil guideline of 20 milligrams/kilogram (mg/kg). Utility poles and various utility lines are located on the property.

Remediation at the Former Morris Canal has been implemented as per the requirements of the two Consent Decrees referenced above and consistent with the Sewer Protocol issued by the New Jersey Department of Environmental Protection. In the southern part of the Canal starting north of Danforth Avenue and running approximately 2,525 feet north, just past Home Depot, remediation consisted of either: (a) excavation of the top 3 feet of soil and replacement

April 27, 2018
Bob Hass, PSE&G Transmission
Utilities on Former Morris Canal and NJCU West Side Campus
Page 2 of 3

with clean fill; or (b) replacement of the existing asphalt cap and/or landscaped areas so as to ensure the integrity and protectiveness of these engineering controls. The remedial actions in the southern portion of the Canal were conducted as two separate efforts, one at the end of 2009 and the second in the latter part of 2011.

Remedial actions in the northern part of the Canal, the section adjacent to NJCU, included the installation of a membrane cap and pavement in areas adjacent to the cap. The remedial actions in this section occurred in conjunction with the NJCU remedial actions, which, as per the detail provided below, were completed at the end of 2011.

Honeywell, as the owner of Morris Canal Property has placed a deed restriction on the entire Morris Canal Site. The deed restriction, among other things, requires Honeywell to maintain the integrity of the above remedial measures. The deed notice will be updated in 2018 to reflect NJDEP's current deed notice format, the completion of remedial actions as well as changes made by Jersey City to Block and Lot numbers.

## The NJCU West Side Campus

The NJCU West Side Campus property, located between West Side Avenue and Route 440 (see attached aerial location map), will become the home of New Jersey City University's new "West Side Campus." The West Side Campus will give NJCU expanded academic facilities, including new classrooms, administrative offices and dormitories.

Honeywell and NJCU have worked and continue to work together to coordinate the NJCU West Campus redevelopment with the remedial actions for chromium, implemented between 2010 and 2011. The remedial actions, which were approved by NJDEP and conform with the requirements of the Consent Decree Regarding Remediation of the New Jersey City University, included soil excavation in the area of the Site referred to as the Residential Area of Concern (Residential Area) and capping in the area of the Site referred to as the Commercial Area of Concern (Commercial Area). Soil excavation was conducted to New Jersey's residential soil guideline for hexavalent chromium of 20 mg/kg to a depth of 20 feet in the area of future Buildings 5 and 6, and to a level of 5 mg/kg in the top 4 feet across the Residential Area.

In the Commercial Area, Honeywell installed a state-of-the-art "RCRA-type" cap over chromium contaminated soils, consisting of a geosynthetic liner, a drainage layer, and 1 to 2 feet of clean fill, followed by paving and/or stone placement for future use to meet the University's parking needs. In addition to the cap, the remedy included the installation of underground barrier walls to isolate impacted groundwater from clean areas. Site remediation included construction of clean utility corridors for new utilities to be placed above the cap.

The NJDEP issued a Restricted Use No Further Action Letter and Remedial Action Permit for soils in May 2012. NJCU, as the owner of the property, recorded a deed restriction on the Commercial Area that requires the cap to be properly maintained. Honeywell is committed to maintaining the integrity of the cap in compliance with New Jersey law and its obligations under the Consent Decree.

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April 27, 2018
Bob Hass, PSE&G Transmission
Utilities on Former Morris Canal and NJCU West Side Campus
Page 3 of 3

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The utility maps including as-built drawings associated with the completed remedial actions at both the NJCU and Morris Canal sites were provided with the annual notification letters submitted on April 20, 2012. Updated as-builts including this additional remediation component at NJCU are attached. Similarly, updated utility maps will continue to be provided, as needed, based on any changes required following any further remediation in conjunction with sewer repair or replacement.

One of the key objectives of this letter is to make you aware that Honeywell has developed a Worker Training Manual that describes appropriate measures for coordination with Honeywell in addressing chromium contaminated soils. We, therefore, ask that if you have the need to do any work, either in the area of the Morris Canal or the Commercial Area of NJCU (please see attached map), that you please notify us prior to such work in these areas so that we can provide you copies of, and brief you on, the Worker Training Manual. To the extent, feasible, we request that you notify Honeywell at least 10 business days in advance of any activity you will be undertaking, so that we can provide you the information and properly coordinate. You can report any such pending work by calling 855-727-2658, a special number Honeywell has obtained in order to receive such notifications.

We appreciate your cooperation. If you have any questions or would like additional information, please feel free to call me at (973) 455-3302.

Sincerely,

Maria Karris

Maria Kaouris Remediation Manager

MK:jh/sg

Encl: Aerial Location Map

**Updatad As-Builts** 

cc: (electronic copy)

Joseph Clifford – Amec Foster Wheeler Michael Daneker – Arnold & Porter Kaye Scholer LLP Jeremy Karpatkin – Arnold & Porter Kaye Scholer LLP

William Hague – Honeywell John Morris – Honeywell Robert Wayne – LeClairRyan

Aaron Aska – New Jersey City University
Michael D'Aquila – New Jersey City University



April 27, 2018

Comcast Cablevision 2121 Kennedy Boulevard Jersey City, NJ 07305

Subject: Annual Update Regarding Utilities on Former Morris Canal and New Jersey City University West

Side Campus

Jersey City, New Jersey

To Whom It May Concern:

Honeywell is providing this annual notice update regarding site conditions and activities at the New Jersey City University (NJDEP Sites 90 and 184) and the Former Morris Canal (NJDEP Site 153) Properties as part of its focus on preventing any subsurface work from disturbing the environmental remedies implemented at these sites, and in compliance with the requirements of two separate Consent Decrees. These are the Consent Decree Regarding Sites 079 and 153 South, Paragraph 81, and the Consent Decree Regarding Remediation of the New Jersey City University (NJCU) Redevelopment Area (which includes Site 153 North), Paragraph 104 (the Consent Decrees).

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April 27, 2018 Comcast Cablevision Utilities on Former Morris Canal and NJCU West Side Campus Page 2 of 3

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April 27, 2018 Comcast Cablevision Utilities on Former Morris Canal and NJCU West Side Campus Page 3 of 3

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Sincerely,

Maria Karris

Maria Kaouris Remediation Manager

MK:jh/sg

Encl: Aerial Location Map

**Updated As-Builts** 

cc: (electronic copy)

Joseph Clifford – Amec Foster Wheeler

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William Hague – Honeywell

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Robert Wayne - LeClairRyan

Aaron Aska - New Jersey City University

Michael D'Aguila - New Jersey City University



April 27, 2018

John Hroncich Operations Manager SUEZ North America (formerly United Water Company) P.O. Box 103 Lake Hiawatha, NJ 07034

Subject: Annual Update Regarding Utilities on Former Morris Canal and New Jersey City University West

Side Campus

Jersey City, New Jersey

Dear Mr. Hroncich:

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April 27, 2018 John Hroncich, SUEZ North America Utilities on Former Morris Canal and NJCU West Side Campus Page 2 of 3

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Sincerely,

Maria Karris

Maria Kaouris Remediation Manager

MK:jh/sg

Encl: Aerial Location Map

**Updated As-Builts** 

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April 27, 2018

Verizon Repair Center 540 Broad Street Newark, NJ 07120

Subject: Annual Update Regarding Utilities on Former Morris Canal and New Jersey City University West

Side Campus

Jersey City, New Jersey

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April 27, 2018 Verizon Utilities on Former Morris Canal and NJCU West Side Campus Page 2 of 3

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April 27, 2018

Jeremy Farrell, Esq. Jersey City Municipal Utilities Authority 555 Route 440 Jersey City, NJ 07305

Subject: Annual Update Regarding Utilities on Former Morris Canal and New Jersey City University West

Side Campus

Jersey City, New Jersey

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Remediation at the Former Morris Canal has been implemented as per the requirements of the two Consent Decrees referenced above and consistent with the Sewer Protocol issued by the New Jersey Department of Environmental Protection. In the southern part of the Canal starting north of Danforth Avenue and running approximately 2,525 feet north, just past Home Depot, remediation consisted of either: (a) excavation of the top 3 feet of soil and replacement with clean fill; or (b) replacement of the existing asphalt cap and/or landscaped areas so as to ensure the integrity and

April 27, 2018 Jeremy Farrell, Esq, Jersey City Municipal Utilities Authority Utilities on Former Morris Canal and NJCU West Side Campus Page 2 of 3

protectiveness of these engineering controls. The remedial actions in the southern portion of the Canal were conducted as two separate efforts, one at the end of 2009 and the second in the latter part of 2011.

Remedial actions in the northern part of the Canal, the section adjacent to NJCU, included the installation of a membrane cap and pavement in areas adjacent to the cap. The remedial actions in this section occurred in conjunction with the NJCU remedial actions, which, as per the detail provided below, were completed at the end of 2011.

Honeywell, as the owner of Morris Canal Property has placed a deed restriction on the entire Morris Canal Site. The deed restriction, among other things, requires Honeywell to maintain the integrity of the above remedial measures. The deed notice will be updated in 2018 to reflect NJDEP's current deed notice format, the completion of remedial actions as well as changes made by Jersey City to Block and Lot numbers.

#### The NJCU West Side Campus

The NJCU West Side Campus property, located between West Side Avenue and Route 440 (see attached aerial location map), will become the home of New Jersey City University's new "West Side Campus." The West Side Campus will give NJCU expanded academic facilities, including new classrooms, administrative offices and dormitories.

Honeywell and NJCU have worked and continue to work together to coordinate the NJCU West Campus redevelopment with the remedial actions for chromium, implemented between 2010 and 2011. The remedial actions, which were approved by NJDEP and conform with the requirements of the Consent Decree Regarding Remediation of the New Jersey City University, included soil excavation in the area of the Site referred to as the Residential Area of Concern (Residential Area) and capping in the area of the Site referred to as the Commercial Area of Concern (Commercial Area). Soil excavation was conducted to New Jersey's residential soil guideline for hexavalent chromium of 20 mg/kg to a depth of 20 feet in the area of future Buildings 5 and 6, and to a level of 5 mg/kg in the top 4 feet across the Residential Area.

In the Commercial Area, Honeywell installed a state-of-the-art "RCRA-type" cap over chromium contaminated soils, consisting of a geosynthetic liner, a drainage layer, and 1 to 2 feet of clean fill, followed by paving and/or stone placement for future use to meet the University's parking needs. In addition to the cap, the remedy included the installation of underground barrier walls to isolate impacted groundwater from clean areas. Site remediation included construction of clean utility corridors for new utilities to be placed above the cap.

The NJDEP issued a Restricted Use No Further Action Letter and Remedial Action Permit for soils in May 2012. NJCU, as the owner of the property, recorded a deed restriction on the Commercial Area that requires the cap to be properly maintained. Honeywell is committed to maintaining the integrity of the cap in compliance with New Jersey law and its obligations under the Consent Decree.

In 2017, an extension to the underground barrier wall was installed on the eastern side of the Commercial AOC cap to create a fully contiguous barrier wall around the cap area. The new barrier wall tied -in to existing sheet pile along the northern end of the cap and extended to the end of the sheet pile wing wall located on the southeastern side of the remedy, along Building 5. Following sheet pile installation, new liner was installed and welded to the existing liner, and laid over top of new sheeting and sealed along the sheet pile alignment with sand/bentonite. Also in 2017, NJCU initiated the Phase II Roadway work as part of the West Campus redevelopment, which is expected to be completed in the second half of 2018.

April 27, 2018 Jeremy Farrell, Esq, Jersey City Municipal Utilities Authority Utilities on Former Morris Canal and NJCU West Side Campus Page 3 of 3

The utility maps including as-built drawings associated with the completed remedial actions at both the NJCU and Morris Canal sites were provided with the annual notification letters submitted on April 20, 2012. Updated as-builts including this additional remediation component at NJCU are attached. Similarly, updated utility maps will continue to be provided, as needed, based on any changes required following any further remediation in conjunction with sewer repair or replacement.

One of the key objectives of this letter is to make you aware that Honeywell has developed a Worker Training Manual that describes appropriate measures for coordination with Honeywell in addressing chromium contaminated soils. We, therefore, ask that if you have the need to do any work, either in the area of the Morris Canal or the Commercial Area of NJCU (please see attached map), that you please notify us prior to such work in these areas so that we can provide you copies of, and brief you on, the Worker Training Manual. To the extent, feasible, we request that you notify Honeywell at least 10 business days in advance of any activity you will be undertaking, so that we can provide you the information and properly coordinate. You can report any such pending work by calling 855-727-2658, a special number Honeywell has obtained in order to receive such notifications.

We appreciate your cooperation. If you have any questions or would like additional information, please feel free to call me at (973) 455-3302.

Sincerely,

Maria Karris

Maria Kaouris
Remediation Manager

MK:jh/sg

Encl: Aerial Location Map

**Updated As-Builts** 

cc: (electronic copy)

Joseph Clifford – Amec Foster Wheeler

Michael Daneker – Arnold & Porter Kaye Scholer LLP Jeremy Karpatkin – Arnold & Porter Kaye Scholer LLP

William Hague – Honeywell

John Morris - Honeywell

Robert Wayne - LeClairRyan

Aaron Aska - New Jersey City University

Michael D'Aguila – New Jersey City University



April 27, 2018

Stephen Fields Jersey City Fields, LLC 521 NE Spanish Trl. Boca Raton, FL NJ 33432

Subject: Annual Update Regarding Utilities on Former Morris Canal and New Jersey City University West

Side Campus

Jersey City, New Jersey

Dear Mr. Fields:

Honeywell is providing this annual notice update regarding site conditions and activities at the New Jersey City University (NJDEP Sites 90 and 184) and the Former Morris Canal (NJDEP Site 153) Properties as part of its focus on preventing any subsurface work from disturbing the environmental remedies implemented at these sites, and in compliance with the requirements of two separate Consent Decrees. These are the Consent Decree Regarding Sites 079 and 153 South, Paragraph 81, and the Consent Decree Regarding Remediation of the New Jersey City University (NJCU) Redevelopment Area (which includes Site 153 North), Paragraph 104 (the Consent Decrees).

Under the referenced Consent Decrees, Honeywell must provide an annual update notice regarding Site conditions and activities related to the utilities in the area of the Morris Canal and NJCU Sites. The City of Bayonne Department of Public Works (DPW) has a sanitary sewer force main, manholes and associated structures located along Route 440 in Jersey City, within the Morris Canal and in close proximity to the NJCU Site. The previous annual notice was provided by Honeywell in a letter dated April 21, 2016. This letter covers calendar year 2016.

Honeywell completed remedial actions for chromium impacts at the Former Morris Canal and NJCU sites that are subject to the Consent Decrees. The remedial actions, approved by the New Jersey Department of Environmental Protection (NJDEP), are summarized below:

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Maria Karris

Maria Kaouris Remediation Manager

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