

**PERIODIC REVIEW REPORT  
FOR PERIOD OF  
SEPTEMBER 1, 2017 THROUGH AUGUST 31, 2018**

**ENVIRONMENTAL RESTORATION PROGRAM**

**ANDREWS STREET SITE  
300, 304-308, 320 ANDREWS STREET, 25 EVANS STREET  
ROCHESTER, NEW YORK, 14604  
NYSDEC SITE #E828144**

**Prepared For:** City of Rochester  
Division of Environmental Quality  
Rochester, New York

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**Date:** September 27, 2018

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### **SITE OVERVIEW FIGURES**

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### **ATTACHMENTS**

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Attachment B:	IW-13 Through IW-22 Drill Cuttings Waste Characterization Analytical Laboratory Results and Disposal Documentation
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## I. Introduction

### A. Executive Summary

- The Site was previously used for various commercial and industrial purposes since the early 1920s, including plumbing supply, electrical supply, bakery, printer, commercial bus depot and bus repair garage, gasoline station, chemical sales/distribution, dry cleaning equipment distributor, fuel oil contractor, and warehousing.
- Types of contamination at the Site that required remediation included:
  - A source area and groundwater plume of Tetrachloroethene (Perchloroethene or PCE)-impacted soil, urban fill material and/or groundwater above New York State Department of Environmental Conservation (NYSDEC) criteria.
  - A trunk sewer in the former Evans Street right-of-way near the PCE source area that had the potential to act as a preferential pathway and allow PCE to migrate off-site.
  - An area containing two closed-in-place 5,000-gallon capacity petroleum underground storage tanks (USTs) and petroleum-impacted soil above NYSDEC criteria.
  - An area of polychlorinated biphenyl (PCB)-impacted soil above NYSDEC criteria.
  - A trench drain area containing soil impacted with metals and semi-volatile organic compounds (SVOCs) above NYSDEC criteria.
  - A portion of sewer piping on the 320 Andrews Street parcel that contained PCE-impacted sediment.
  - Historic urban fill material across most of the Site that is sporadically impacted with metals and/or SVOCs above NYSDEC criteria.
- Remedial actions were performed at the Site as Interim Remedial Measures (IRMs) and Supplemental IRMs. Remedial actions taken included:
  - Removal and off-site disposal of soil generally above the groundwater table that was contaminated with volatile organic compounds (VOCs), metals, PCBs and SVOCs to concentrations below applicable NYSDEC criteria.
  - Removal and off-site disposal of the two previously closed in-place USTs.
  - Removal and off-site disposal of the buried piping on the 320 Evans Street parcel that contained low levels of PCE-impacted sediments.
  - Removal and off-site disposal of a portion of sewer piping in the former Evans Street right-of-way (ROW) that was potentially acting as a preferential pathway for VOCs to migrate off-site.
  - In-Situ Chemical Oxidation (ISCO) of VOC contamination in saturated soils and groundwater.
  - Installation of a cover system over the Site as an engineering control.
  - Execution and recording of an Environmental Easement as an institutional control.
  - Development and implementation of a Site Management Plan (SMP).

- B. Effectiveness of the Remedial Program
1. Progress made during the reporting period toward meeting the remedial objectives for the Site included: continued ISCO groundwater polishing on a portion of the Site; and continued monitoring and/or inspection of the cover system and/or groundwater conditions.
  2. The work completed to date shows that the remedial program has the ability to achieve the remedial objectives for the Site.
- C. Compliance
1. There are no areas of non-compliance with the SMP as modified with NYSDEC approval.
  2. Given compliance with the Site's SMP, no steps were needed to correct areas of non-compliance.
- D. Recommendations
1. It is recommended that appropriate sections of the SMP be revised to reflect decommissioning of select monitoring wells, additional ISCO polishing activities and modifications to the groundwater monitoring program that have been, or will be, approved by the NYSDEC.
  2. No change to the frequency of Periodic Review Report (PRR) submittals is recommended at this time.
  3. Since residual contamination remains on the Site, it is recommended that site management requirements continue to be implemented.

## II. Site Overview

- A. The 1.524 acre Site consists of four contiguous parcels that are addressed as 300, 304-308, and 320 Andrews Street and 25 Evans Street, and are located in the City of Rochester (City), County of Monroe, New York (refer to Figure 1 and Figure 2). The Site is owned by the City.

The Site is bounded by the Inner Loop highway ROW to the north, Andrews Street ROW with commercial property beyond to the south, Franklin Square ROW with a City-owned park beyond to the east, and Bristol Street ROW with commercial property beyond to the west.

Prior to remediation, multiple types of contamination at the Site were identified in various media. Refer to Figure 3 for the locations of IRM areas and significant former features of the Site that may have influenced the migration and distribution of Site contaminants:

### Soil

#### Area 1 (IRM-01) - PCE Source Area

The VOC Tetrachloroethene is the predominant contaminant detected in soil and groundwater at the Site.

#### Area 2 (IRM-02) - Preferential PCE Migration Pathway

The contaminants from the PCE source area described above appeared to have impacted the sewer (contents, pipe and bedding material) that was located in the adjoining former Evans Street ROW.

#### Area 3 (IRM-03) - UST Area

The two closed in-place 5,000-gallon capacity USTs, presumed to have stored gasoline and diesel oil, were identified as a potential source area for petroleum contamination

#### Area 4 (IRM-04) - PCB-Impacted Area

Soil impacted with PCBs above SCOs was identified in an approximate 15 foot by 15 foot area, extending from near the ground surface to a depth of approximately 3 ft. bgs.

#### Area 5 (IRM-05) - Trench Drain Area

An approximately 130-foot long by 1-foot wide trench drain was located inside a building that was demolished on the 25 Evans Street parcel.

#### Area 6 (IRM-06) - Piping Area

An area of buried piping, estimated to be approximately 210 linear feet (L.F.) in length, was located on the 320 Andrews Street Parcel.

#### Area 7 - Historical Fill Material

Heterogeneous historic urban fill material is present across most of the Site.

#### Miscellaneous Areas with VOCs

Low levels of PCE (in relation to that detected in the PCE source area described above) and other VOCs (acetone, benzene, trimethylbenzenes, trichloroethene, etc.) were detected in soil/fill samples on portions of the Site.

### **Groundwater**

#### Area 1 (IRM-01) - PCE Source Area; and Area 2 (IRM-02) - Evans Street Sewer

A source of VOCs primarily consisting of PCE was located on the 304-308 Andrews Street parcel. PCE and other VOCs were also identified on the 320 Andrews Street parcel and the 25 Evans Street parcel that are shown on Figure 2.

#### Miscellaneous Areas of Contaminants

Groundwater samples from each overburden and bedrock monitoring well contained one or more metals exceeding groundwater standards and guidance values.

Evidence of light non-aqueous phase liquid (LNAPL) or dense non-aqueous phase liquid (DNAPL) was not detected at test locations.

## B. Chronology

The Site was remediated in accordance with a NYSDEC-approved Interim Remedial Measures Work Plan (IRMWP) dated October 4, 2012, a Supplemental Interim Remedial Measure Work Plan (SIRMWP) dated June 14, 2014, an Addendum #1 to the SIRMWP dated December 10, 2014, and an Addendum #2 to the SIRMWP dated May 11, 2015.

A chronology of the Remedial Actions performed at the Site under the IRMWP is summarized below, and the specific IRM areas are shown on Figure 3:

- **IRM-01:** In November, 2012, a total of 1,673.06 tons of non-hazardous PCE-impacted soil, and 138.83 tons of characteristic hazardous PCE-impacted soil, were removed from an approximate 3,500 SF source area at Area 1 (PCE source area) and disposed off-site at regulated landfills.
- **IRM-02:** In November and December 2012, approximately 115 L.F. of combined sanitary/storm sewer trunk line and associated laterals in the Evans Street ROW near IRM-01 were decommissioned. Approximately 101 tons of PCE-impacted soil was removed from Area 2 (Preferential PCE Migration Pathway) and disposed off-site at a regulated landfill as non-hazardous waste.
- **IRM-03:** In October 2012 and November 2012, two 5,000-gallon previously closed in-place petroleum USTs, their K-Crete contents and 48.82 tons of petroleum-contaminated soil at Area 3 (UST Area) was removed. The steel USTs were recycled, and the K-Crete and contaminated soil were disposed off-site at a regulated landfill as non-hazardous wastes.
- **IRM-04:** In November 2012, a total of 15.64 tons of PCB-impacted soil was removed at Area 4 (PCB-Impacted Area) down to a depth of approximately 3 ft. bgs, and disposed off-site at a regulated landfill as a non-hazardous waste.
- **IRM-05:** In October 2012, a total of 223.21 tons of non-hazardous petroleum and VOC-impacted soil was removed at Area 5 (Trench Drain Area) down to depths of approximately 5.5 ft. bgs from a former trench floor drain area, and disposed off-site at a regulated landfill as a non-hazardous waste.
- **IRM-06:** In October 2012, approximately 210 L.F. of piping, and a limited amount of soil, were removed at Area 6 (Piping Area) down to depths of approximately 3 ft. bgs from the east side of the Site. The piping, sediments, and limited surrounding soil were disposed off-site at a regulated landfill as a non-hazardous waste.

A chronology of the Remedial Actions performed at the Site under the SIRMWP, as amended by Addendum #1 and Addendum #2, is summarized below:

- **Supplemental IRM Soil Removal:** In June 2014 and July 2014, a total of 76.05 tons of PCE-impacted soil were removed from a shallow depth immediately south of Area 1, and disposed off-site at a regulated landfill as a non-hazardous waste (refer to Figure 3).

- **Supplemental IRM In-Situ Chemical Oxidation (ISCO):** Between June 2014 and June 2015, approximately 36,933 pounds of potassium permanganate were injected or otherwise placed in the ground by various methods to treat PCE in saturated soils and groundwater at Area 1 (PCE source area) and surrounding PCE plume area (refer to Figure 4). During this work, approximately 134.32 tons of non-hazardous soil were generated and disposed off-site at a regulated landfill.
- **Cover System:** In November 2014, a site-wide cover system was installed at the Site to allow for restricted residential use (refer to Figure 3). The stone cover is at least two feet thick at locations not covered by the limited areas of existing asphalt and concrete pavements. The cover system is an engineering control that assists in management of residual contamination at the Site.
- **Environmental Easement:** In May 2015, an Environmental Easement was recorded that in part includes land use restrictions, groundwater use restrictions and a requirement to evaluate and mitigate (as warranted) soil vapor intrusion for new buildings. The Environmental Easement is an institutional control that assists in management of residual contamination at the Site.
- **Site Management Plan:** In August 2015, a Site Management Plan (SMP) was finalized that includes an Excavation Work Plan, and was prepared for future environmental management, maintenance and monitoring activities that are required at the Site during future development and use. The SMP is an institutional control that assists in management of residual contamination at the Site.

Cleanup goals for groundwater are NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Groundwater Standards and Guidance Values.

Cleanup or on-site re-use goals for soil are NYSDEC Part 375 Restricted Residential SCOs and Protection of Groundwater SCOs.

Remaining remediation components include: continued implementation of site-wide inspections (e.g., monitoring wells and cover system), and groundwater monitoring in accordance with the SMP. In addition, ISCO polishing-phase treatment continues to be conducted within Area 1 (PCE source area) and the associated plume area. During 2018, ISCO polishing treatment work included: installation of ten new injection wells (designated as IW-13 through IW-22 on Figure 4) in proximity to monitoring wells MW-03A and MW-17; and injection of a total of 220 pounds of potassium permanganate ( $\text{KMnO}_4$ ) mixed with water at injection wells IW-1, IW-4A, IW-4B, IW-5, IW-6, IW-8, IW-9, and IW-13 through IW-22, which are in proximity to monitoring wells MW-01, MW-03A and MW-17. Boring logs and construction diagrams for the ten new injection wells are included in Attachment A. The analytical laboratory report for a waste characterization sample of the soil cuttings from IW-13 through IW-22 [designated as Sample 928-IDW(Soil)], and the associated waste disposal documentation, are included in Attachment B.

### III. Evaluation of Remedy Performance, Effectiveness and Protectiveness

#### A. Effectiveness of Remedies

As documented in a Remedial Investigation/Alternatives Analysis Report (RI/AAR) dated November 2015, soil removals and ISCO were implemented and subsequently evaluated with the collection and analysis of confirmatory soil samples and groundwater samples.

- As shown in the RI/AAR, the results of confirmatory soil samples collected in soil removal areas were successful at remediating the targeted contamination in those areas to levels that meet applicable SCOs.
- The results of previous groundwater monitoring (conducted between November 2014 and June 2017) and monitoring conducted during the reporting period (conducted between December 2017 and August 2018) showed that chlorinated VOCs (CVOCs) in groundwater in some areas were above TOGS 1.1.1 groundwater standards and guidance values for individual VOCs. However, the concentrations of CVOCs in groundwater had been significantly reduced in relation to pre-ISCO baseline concentrations in the source area and plume core. Documentation concerning four groundwater monitoring events performed during this reporting period is included in Attachment C. This documentation includes Figures 5 and 6, Data Tables 1 through 6, Graphs A through I showing CVOC concentrations in groundwater samples over time for select monitoring wells, ASP Category B laboratory reports, and a data validation summary report (DUSR) for the December 2017 lab package. Table 1 is a log of the samples that were analyzed by a laboratory during the reporting period. Table 2 includes the static water levels and calculated groundwater elevations for the 2<sup>nd</sup> bi-annual and 3<sup>rd</sup> bi-annual groundwater monitoring events. Table 3 summarizes the VOC results for overburden groundwater samples collected from monitoring wells during the reporting period. As shown on Table 3, post-IRM CVOC concentrations during the PRR reporting period continue to be highest generally in the overburden groundwater at the former source area (MW-03A and MW-17) and/or immediately downgradient in the plume core (MW-01). Table 4 summarizes the VOC results for quality assurance/quality control (QA/QC) samples collected during the reporting period. Table 5 summarizes the VOC results for performance groundwater samples collected from select injection wells during the reporting period. Table 6 summarizes the cumulative VOC results for groundwater samples collected from overburden groundwater monitoring wells between January 2012 and August 2018. As shown on the Graphs, CVOC concentrations in overburden groundwater have generally decreased over time. However, there are occasional increases that may be associated with fluctuations of the groundwater table, etc. It is anticipated that the CVOC concentrations in groundwater at the Site will continue to decrease since residual potassium permanganate from the Supplemental IRM work, and on-going polishing remedial efforts using potassium permanganate, will continue to oxidize the residual CVOCs.



A cover system engineering control was installed at the Site. In accordance with the SMP, an inspection was completed on July 26, 2018. The results of this inspection are presented on the Site-Wide Inspection Form included in Attachment D. As shown, the cover system continues to successfully inhibit contact with underlying Site media.

Based on the monitoring conducted to date, the remedy is shown to be effective at achieving the remedial goals for this Site.

#### IV. IC/EC Compliance Report

##### A. IC/EC Requirements/Compliance

1. A description of each control, its objective, and how performance of the control is evaluated is provided below:

- Site Management Plan: The objective of the SMP is to manage remaining contamination above regulatory criteria in a manner that is protective of human health and the environment. The SMP is a living document and is anticipated to be revised and updated during the next reporting period (i.e., September 1, 2018 through August 31, 2019) to reflect the current Site conditions and applicable restrictions. The SMP includes an Institutional and Engineering Control (IC/EC) Plan and a Site Monitoring Plan. An Operation and Maintenance Plan is not included in the SMP since the Site currently does not rely on any mechanical systems to protect public health and the environment. The performance of the controls is evaluated through monitoring and periodic certification. Controls on the Site include:
  - Management of soil and historic fill material during future activities that would penetrate, encounter, or disturb remaining contamination must be conducted in accordance with provisions of the SMP, including the Excavation Work Plan (EWP);
  - A requirement for evaluation of potential soil vapor intrusion into any new enclosed structures on the Site, and designing and implementing engineering controls to address soil vapor intrusion for those structures, if deemed warranted.
  - Requirements for monitoring and repair of the cover system engineering control;
  - Requirements for inspections and notifications for various reasons associated with Site conditions, change in use, change in ownership, etc.
  - Requirements for monitored natural attenuation groundwater sampling and analysis.
- Environmental Easement: Restricts use of the property; restricts use of groundwater; requires implementation of the SMP; requires evaluation of soil vapor intrusion on any new buildings, and mitigation, if needed; requires operating, maintaining and inspecting any engineering controls; requires groundwater and other environmental and public health monitoring; requires monitoring, maintaining and replacing groundwater wells as necessary as set forth in the SMP; requires reporting of SMP data

and information; requires implementation of the SMP for activities that would disturb remaining contaminated media; and requires monitoring to assess the performance and effectiveness of the remedy. The performance of each control is evaluated through periodic certification.

2. Status

Each control is fully in place, is being adhered to, and is effective.

3. Corrective Measures

None Required.

4. Conclusions and Recommendations for Changes

The controls are being implemented and no changes are being recommended.

B. Certification

Certification included as Attachment E.

**V. Monitoring Plan Compliance Report**

A. Components

- Groundwater Monitoring Plan: As identified in the SMP, monitored attenuation groundwater monitoring is to be completed over a three year period. The monitored attenuation groundwater monitoring is to include quarterly monitoring the first year, and bi-annual (i.e., semi-annual) monitoring for two years thereafter. Any modifications in the monitoring frequency, sampling techniques, the number of wells to be sampled, and the test parameters will be determined by the NYSDEC. This plan also covers monitoring well repairs, replacement, and decommissioning.
- Excavation Work Plan: An EWP is included as part of the SMP for management of soil and historic fill material that may contain residual contamination at the Site.
- Site-Wide Inspection: Site-wide inspections that include cover system monitoring and monitoring well inspection are required at least yearly and also after severe weather conditions that may affect engineering controls or monitoring devices.

B. Summary of Monitoring Completed

- Groundwater Monitoring Plan: December 2017 2<sup>nd</sup> bi-annual groundwater monitoring, May 2018 performance groundwater monitoring, June 2018 performance groundwater monitoring, and August 2018 3<sup>rd</sup> bi-annual groundwater monitoring were completed during the reporting period.
  - Monitoring wells MW-01, MW-02, MW-03A, MW-04, MW-05, MW-06, MW-07, MW-11, MW-15, MW-16, MW-17, MW-18, MW-19, and MW-20 were sampled during the December 2017 2<sup>nd</sup> bi-annual groundwater monitoring event.
  - Monitoring wells MW-01, MW-03A, and MW-17 were sampled during the May 2018 performance groundwater monitoring event.

- Injection wells IW-6, IW-13, IW-14, IW-15, IW-16, IW-21 and IW-22 were sampled during the June 2018 performance groundwater monitoring event.
- Monitoring wells MW-01, MW-02, MW-03A, MW-04, MW-05, MW-06, MW-07, MW-11, MW-15, MW-16, MW-17, MW-18, MW-19, and MW-20, and injection wells IW-13, IW-14, IW-15, IW-16, IW-21 and IW-22 were sampled during the August 2018 3<sup>rd</sup> bi-annual groundwater monitoring event.

Documentation concerning the above-referenced groundwater monitoring events are included in Attachment C, which includes Figures 5 and 6, Data Tables 1 through 6, Graphs A through I showing CVOC concentrations in groundwater samples over time for select monitoring wells, ASP Category B laboratory reports, and a data validation summary report (DUSR) for the December 2017 lab package.

- Excavation Work Plan: No activities were performed during the reporting period that required the implementation of the EWP requirements.
- Site-Wide Inspection: An annual site-wide inspection was completed on July 26, 2018. A copy of the Site-Wide Inspection Form is included in Attachment D. The inspection revealed the following:
  - Monitoring wells present at the Site at the time of the inspection were in good condition.
  - The Site cover system at the time of the inspection was observed in good condition.

#### C. Comparison with Remedial Objectives

- Groundwater Monitoring Plan: The results of the groundwater monitoring completed during the reporting period showed some CVOC concentrations exceeded TOGS 1.1.1 groundwater standards and guidance values in select well located generally within or downgradient of the PCE source area. There are some fluctuations in concentrations of CVOCs (i.e., increases and decreases) in relation to previous results, which in part may be attributable to seasonal changes in groundwater levels at the Site. Future ISCO polishing will continue to focus on treatment of the areas on the Site where highest CVOC concentrations are detected (i.e., areas of monitoring wells MW-01, MW-03A and MW-17).
- Excavation Work Plan: N/A
- Site-Wide Inspection: The site cover engineering control continues to meet the remedial objective of protecting human health and the environment from coming into contact with residual contamination at the Site.

#### D. Monitoring Deficiencies

There are no monitoring deficiencies.

E. Conclusions and Recommendations for Changes

- Groundwater Monitoring Plan: Changes to the groundwater monitoring plan are recommended following the 4<sup>th</sup> bi-annual groundwater monitoring event. The 4<sup>th</sup> bi-annual groundwater monitoring event is planned for December 2018 and will involve sampling monitoring wells MW-01, MW-02, MW-03A, MW-04, MW-05, MW-06, MW-07, MW-11, MW-15, MW-16, MW-17, MW-18, MW-19, and MW-20 using passive diffusion bag samplers. The resulting samples will be analyzed for TCL VOCs and tentatively identified compounds (TICs). A groundwater contour map will also be prepared for the 4<sup>th</sup> bi-annual groundwater monitoring event. Subsequent to completing the 4<sup>th</sup> bi-annual groundwater monitoring event, it is recommended that groundwater monitoring be reduced to once per year and will involve sampling groundwater from monitoring wells MW-01, MW-02, MW-03A, MW-11, MW-17, MW-18 and MW-19. Since the previously-generated groundwater contour and flow direction data are well-established and consistent for this Site, groundwater contour maps will not be prepared for these subsequent annual groundwater monitoring events. It is also recommended that the remaining monitoring wells (i.e., MW-04, MW-05, MW-06, MW-07, MW-15, MW-16 and MW-20 shown on Figure 7 in Attachment C) be decommissioned in accordance with NYSDEC's CP-43 Groundwater Monitoring Well Decommissioning Procedure dated November 3, 2009 since cumulative groundwater chemical data for these well locations have been consistently low in relation to the wells that are recommended for continued monitoring. Intermittent performance monitoring may also be completed at the City's discretion using one or more of the remaining wells. Subsequent to well decommissioning, the Site's SMP will be updated and revised to reflect the current monitoring well field and groundwater monitoring plan.
- Excavation Work Plan: No changes to the EWP are recommended.
- Site-Wide Inspection: No changes to the site-wide inspection are recommended.

**VI. Operation & Maintenance (O&M) Plan Compliance Report**

N/A

**VII. Overall PRR Conclusions and Recommendations**

A. Compliance with SMP

1. The requirements of the following plans were met during the reporting period:
  - IC/EC requirements.
  - Monitoring Plan requirements.
2. Identify any requirements not met: N/A
3. Identify any proposed plans and a schedule for coming into full compliance: N/A

- B. Performance and Effectiveness of Remedy: An evaluation of the components of the SMP during this reporting period indicated that: the IC/EC controls were protective of human health and the environment; the monitoring plan continues to sufficiently monitor the performance of the remedy; and the remedial program is achieving the remedial objectives for the Site.
- C. Future PRR submittals:
1. It is recommended that the frequency of PRR submittals remain unchanged.
  2. Since residual contaminants remain beneath the cover system at the Site, it is recommended that related aspects of the SMP continue to be implemented at this Site. In addition, it is recommended that appropriate sections of the SMP be revised to reflect previous decommissioning of select monitoring wells, additional ISCO polishing activities, and modifications to the groundwater monitoring program that have been, or will be, approved by the NYSDEC.

## **SITE OVERVIEW FIGURES**

**Attachment A**

**Boring Logs and Construction Diagrams for  
Injection Wells IW-13 Through IW-22**

**Attachment B**

**IW-13 Through IW-22 Drill Cuttings Waste Characterization  
Analytical Laboratory Results and Disposal Documentation**



**Attachment C**  
**Groundwater Monitoring Documentation**

**Attachment D**  
**Site-Wide Inspection Form**

**Attachment E**

**Institutional and Engineering Controls Certification Form**



**Enclosure 2**  
**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Site Management Periodic Review Report Notice**  
**Institutional and Engineering Controls Certification Form**



	Site Details	Box 1	
<b>Site No.</b>	<b>E828144</b>		
<b>Site Name Andrews Street Site</b>			
Site Address: 300, 304-308, 320 Andrews St., 25 Evans St.      Zip Code: 14604			
City/Town: Rochester			
County: Monroe			
Site Acreage: 1.5			
Reporting Period: September 1, 2017 to August 31, 2018			
		YES	NO
1.	Is the information above correct?	<input checked="" type="radio"/>	<input type="radio"/>
If NO, include handwritten above or on a separate sheet.			
2.	Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	<input type="radio"/>	<input checked="" type="radio"/>
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	<input type="radio"/>	<input checked="" type="radio"/>
4.	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input type="radio"/>	<input checked="" type="radio"/>
<b>If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.</b>			
5.	Is the site currently undergoing development?	<input type="radio"/>	<input checked="" type="radio"/>
		<b>Box 2</b>	
		YES	NO
6.	Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	<input checked="" type="radio"/>	<input type="radio"/>
7.	Are all ICs/ECs in place and functioning as designed?	<input checked="" type="radio"/>	<input type="radio"/>
<b>IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.</b>			
<b>A Corrective Measures Work Plan must be submitted along with this form to address these issues.</b>			
_____ Signature of Owner, Remedial Party or Designated Representative		_____ Date	

**Description of Institutional Controls**

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
<b>106.72-01-84</b>	City of Rochester	Landuse Restriction Soil Management Plan Monitoring Plan Site Management Plan Ground Water Use Restriction IC/EC Plan

Imposition of an institutional control in the form of an environmental easement for the controlled property that:

- requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allows the use and development of the controlled property for restricted residential as defined by Part 375 1.8(g), although land use is subject to local zoning laws;
- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH; and
- requires compliance with the Department approved Site Management Plan.

<b>106.72-01-85</b>	City of Rochester	Ground Water Use Restriction Soil Management Plan  Monitoring Plan Site Management Plan Landuse Restriction IC/EC Plan
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Imposition of an institutional control in the form of an environmental easement for the controlled property that:

- requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allows the use and development of the controlled property for restricted residential as defined by Part 375 1.8(g), although land use is subject to local zoning laws;
- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH; and
- requires compliance with the Department approved Site Management Plan.

<b>106.72-01-86</b>	City of Rochester	Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan  Monitoring Plan IC/EC Plan
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Imposition of an institutional control in the form of an environmental easement for the controlled property that:

- requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allows the use and development of the controlled property for restricted residential as defined by Part 375 1.8(g), although land use is subject to local zoning laws;
- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH; and
- requires compliance with the Department approved Site Management Plan.

<b>106.72-01-87</b>	City of Rochester	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan
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Imposition of an institutional control in the form of an environmental easement for the controlled property that:

- requires the remedial party or site owner to complete and submit to the Department a periodic

certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);

- allows the use and development of the controlled property for restricted residential as defined by Part 375 1.8(g), although land use is subject to local zoning laws;
- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH; and
- requires compliance with the Department approved Site Management Plan.

**Box 4**

### **Description of Engineering Controls**

Parcel

Engineering Control

**106.72-01-84**

Cover System

A site cover currently exists and will be maintained to allow for restricted residential use of the site. Any site redevelopment will maintain the existing site cover, which consists either of the structures such as buildings, pavement, sidewalks or soil where the upper one foot of exposed surface soil meets the applicable soil cleanup objectives (SCOs) for restricted residential use. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6NYCRR part 375-6.7(d).

**106.72-01-85**

Cover System

A site cover currently exists and will be maintained to allow for restricted residential use of the site. Any site redevelopment will maintain the existing site cover, which consists either of the structures such as buildings, pavement, sidewalks or soil where the upper one foot of exposed surface soil meets the applicable soil cleanup objectives (SCOs) for restricted residential use. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6NYCRR part 375-6.7(d).

**106.72-01-86**

Cover System

A site cover currently exists and will be maintained to allow for restricted residential use of the site. Any site redevelopment will maintain the existing site cover, which consists either of the structures such as buildings, pavement, sidewalks or soil where the upper one foot of exposed surface soil meets the applicable soil cleanup objectives (SCOs) for restricted residential use. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6NYCRR part 375-6.7(d).

**106.72-01-87**

Cover System

A site cover currently exists and will be maintained to allow for restricted residential use of the site. Any site redevelopment will maintain the existing site cover, which consists either of the structures such as buildings, pavement, sidewalks or soil where the upper one foot of exposed surface soil meets the applicable soil cleanup objectives (SCOs) for restricted residential use. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6NYCRR part 375-6.7(d).

**Periodic Review Report (PRR) Certification Statements**

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and  
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

**A Corrective Measures Work Plan must be submitted along with this form to address these issues.**

\_\_\_\_\_  
Signature of Owner, Remedial Party or Designated Representative

\_\_\_\_\_  
Date

IC CERTIFICATIONS  
SITE NO. E828144

Box 6

**SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE**

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Joseph Biondolillo at 30 Church Street, Rochester, New York 14614,  
print name print business address

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Joseph Biondolillo  
Signature of Owner, Remedial Party, or Designated Representative  
Rendering Certification

9-26-18  
Date



IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

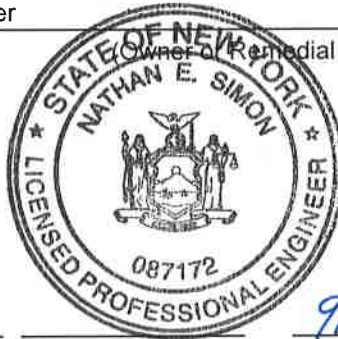
I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Nathan E. Simon at 1563 Lyell Avenue, Rochester, New York 14606  
print name print business address

am certifying as a Professional Engineer for the Owner  
(Owner or Remedial Party)



Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification



Stamp  
(Required for PE)



Date