



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

May 29, 2020

REPLY TO THE ATTENTION OF:
S-6J

From:

X 

Douglas Ballotti, Director
Superfund & Emergency Management Division
Signed by: DOUGLAS BALLOTTI

To:

Kurt Thiede
Regional Administrator

Subject:

Recommendation for Approval — Notice of Intent for Partial Deletion of Source Area 4 of Operable Unit 3 of the Southeast Rockford Groundwater Contamination Superfund Site from the National Priorities List

I recommend that you approve for publication in the *Federal Register* the Notice of Intent for Partial Deletion of Source Area 4 of Operable Unit 3 (OU3) of the Southeast Rockford Groundwater Contamination Superfund Site (Site) from the National Priorities List (NPL) (see Attachment 1). The remaining portions of the Site, including groundwater and other source areas at the Site, are not being considered for deletion at this time and will remain on the NPL.

EPA is proposing to partially delete Source Area 4 from the NPL because EPA, in consultation with the Illinois Environmental Protection Agency (IEPA), has determined that all appropriate responses under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended, have been completed at Source Area 4 and that no further CERCLA response actions are necessary for this portion of the Site (see Attachments 2 and 2A).

EPA's proposal to partially delete Source Area 4 of the Site from the NPL is based on information in the documents in the Site Deletion Docket, which were prepared in accordance with CERCLA 42 U.S.C. Section 9601 et seq., as Public Law 99-499; the National Contingency Plan, 40 CFR Part 300; and Agency policy (see Attachment 2B).

On May 8, 2020, IEPA, on behalf of the state of Illinois, issued a letter of concurrence with EPA's proposed partial deletion of Source Area 4 of the Site from the NPL (see Attachment 3). Additionally, EPA's Office of Superfund Remediation and Technology Innovation (OSRTI) issued a memorandum of concurrence with the proposed partial deletion of the Site on May 20, 2020 (see Attachment 4).

Please contact me if you have any questions.

Attachments:

1. Notice of Intent for Partial Deletion of the Southeast Rockford Groundwater Contamination Superfund Site from the NPL
2. Site-Specific Justification for the Partial Deletion from the National Priorities List of Operable Unit 3 (OU3) Source Area 4 (SA4), Southeast Rockford Groundwater Contamination Superfund Site, Rockford, Illinois
- 2A. Site-Specific Justification for the Partial Deletion from the National Priorities List of Operable Unit 3 (OU3) Source Area 4 (SA4), Southeast Rockford Groundwater Contamination Superfund Site, Rockford, Illinois – Figures and Attachments A and B
- 2B. Site-Specific Justification for the Partial Deletion from the National Priorities List of Operable Unit 3 (OU3) Source Area 4 (SA4), Southeast Rockford Groundwater Contamination Superfund Site, Rockford, Illinois – Attachment C, Docket Reports Index
3. IEPA Letter RE: State Concurrence with Partial Deletion of Source Area 4, Operable Unit 3 from the National Priorities List
4. Headquarters Concurrence on the Southeast Rockford Groundwater Contamination Superfund Site Notice of Intent for Partial Deletion and NPL Deletion Checklist

Attachment 1

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 300

EPA-HQ-SFUND-1989-0008; FRL-10010-39-Region 5

**National Oil and Hazardous Substances Pollution Contingency
Plan;**

**National Priorities List: Partial Deletion of the
Southeast Rockford Groundwater Contamination Superfund Site**

AGENCY: Environmental Protection Agency (EPA).

ACTION: Proposed rule; notification of intent.

SUMMARY: The Environmental Protection Agency (EPA) Region 5 is issuing a Notice of Intent to Delete Source Area 4 of Operable Unit 3 (OU3) of the Southeast Rockford Groundwater Contamination Superfund Site located in Rockford, Illinois, from the National Priorities List (NPL) and requests public comments on this proposed action. The NPL, promulgated pursuant to Section 105 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended, is an appendix of the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). The EPA and the State of Illinois, through the Illinois Environmental Protection Agency (IEPA), have determined that all appropriate response actions under CERCLA have

been completed for Source Area 4. However, this deletion does not preclude future actions under Superfund.

DATES: Comments must be received by **[insert date 30 days after date of publication in the *Federal Register*]**.

ADDRESSES: Submit your comments, identified by Docket ID No. EPA-HQ-SFUND-1989-0008, by one of the following methods:

<https://www.regulations.gov>. Follow the on-line instructions for submitting comments. Once submitted, comments cannot be edited or removed from Regulations.gov. EPA may publish any comment received to its public docket. Do not submit electronically any information you consider to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute. Multimedia submissions (audio, video, etc.) must be accompanied by a written comment. The written comment is considered the official comment and should include discussion of all points you wish to make. EPA will generally not consider comments or comment contents located outside of the primary submission (*i.e.*, on the web, cloud, or other file sharing system). For additional submission methods, the full EPA public comment policy, information about CBI or multimedia submissions, and general guidance

on making effective comments, please visit

<https://www.epa.gov/dockets/commenting-epa-dockets>.

Email: Deletions@usepa.onmicrosoft.com.

Written comments submitted by mail are temporarily suspended and no hand deliveries will be accepted. We encourage the public to submit comments via email or at <https://www.regulations.gov>.

Instructions: Direct your comments to Docket ID no. EPA-HQ-SFUND-1989-0008. EPA's policy is that all comments received will be included in the public docket without change and may be made available online at <https://www.regulations.gov>, including any personal information provided, unless the comment includes information claimed to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute. Do not submit information that you consider to be CBI or otherwise protected through <https://www.regulations.gov> or email. The <https://www.regulations.gov> website is an "anonymous access" system, which means EPA will not know your identity or contact information unless you provide it in the body of your comment. If you send an email comment directly to EPA without going through <https://www.regulations.gov>, your email address will be automatically captured and included

as part of the comment that is placed in the public docket and made available on the internet. If you submit an electronic comment, EPA recommends that you include your name and other contact information in the body of your comment and with any disk or CD-ROM you submit. If EPA cannot read your comment due to technical difficulties and cannot contact you for clarification, EPA may not be able to consider your comment. Electronic files should avoid the use of special characters, any form of encryption, and be free of any defects or viruses.

Docket: All documents in the docket are listed in the <https://www.regulations.gov> index, Docket ID No. 1989-0008. Although listed in the index, some information is not publicly available, e.g., CBI or other information whose disclosure is restricted by statute. Certain other material, such as copyrighted material, will be publicly available only in hard copy. Publicly available docket materials are available electronically at <https://www.regulations.gov>, Docket ID No. 1989-0008 and at <https://www.epa.gov/superfund/southeast-rockford-groundwater> or you may contact the person identified in the **FOR FURTHER INFORMATION CONTACT** section for additional availability information.

The EPA is temporarily suspending its Docket Center and Regional Records Centers for public visitors to reduce the risk of transmitting COVID-19. In addition, many site information repositories are closed and information in these repositories, including the deletion docket, has not been updated with hardcopy or electronic media. For further information and updates on EPA Docket Center services, please visit us online at <https://www.epa.gov/dockets>.

The EPA continues to carefully and continuously monitor information from the Centers for Disease Control and Prevention (CDC), local area health departments, and our Federal partners so that we can respond rapidly as conditions change regarding COVID-19.

FOR FURTHER INFORMATION CONTACT: Karen Cibulskis, NPL Deletion Coordinator, U.S. Environmental Protection Agency Region 5 at (312) 886-1843 or via email at cibulskis.karen@epa.gov.

SUPPLEMENTARY INFORMATION:

Table of Contents

- I. Introduction
- II. NPL Deletion Criteria
- III. Deletion Procedures
- IV. Basis for Intended Partial Site Deletion

I. Introduction

EPA Region 5 announces its intent to delete Source Area 4 of OU3 of the Southeast Rockford Groundwater Contamination Superfund Site (SERGWC Site or Site) from the NPL and requests public comment on this proposed action. The NPL constitutes Appendix B of 40 CFR Part 300, which is the NCP, which EPA promulgated pursuant to Section 105 of CERCLA of 1980, as amended. EPA maintains the NPL as the list of sites that appear to present a significant risk to public health, welfare, or the environment. Sites on the NPL may be the subject of remedial actions financed by the Hazardous Substance Superfund (Fund). As described in 40 CFR 300.425(e)(3) of the NCP, sites deleted from the NPL remain eligible for Fund-financed remedial actions if future conditions warrant such actions. The other portions of the SERGWC Site, including Operable Unit 1 - Municipal Water Supply, Operable Unit 2 - Groundwater, and the other source areas in OU3, are not being considered for deletion as part of this action and will remain on the NPL.

EPA will accept comments on its proposal to delete Source Area 4 of OU3 of the SERGWC Site from the NPL for thirty (30) days after publication of this document in the **Federal Register**.

Section II of this document explains the criteria for deleting sites from the NPL. Section III of this document discusses the procedures that EPA is using for this action. Section IV of this document discusses where to access and review information that demonstrates how the deletion criteria have been met for Source Area 4 of OU3 of the SERGWC Site.

II. NPL Deletion Criteria

The NCP establishes the criteria that EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites, or portions thereof, may be deleted from the NPL where no further response is appropriate. In making such a determination pursuant to 40 CFR 300.425(e), EPA will consider, in consultation with the State, whether any of the following criteria have been met:

- i. Responsible parties or other persons have implemented all appropriate response actions required;
- ii. All appropriate Fund-financed response under CERCLA has been implemented, and no further response action by responsible parties is appropriate; or
- iii. The remedial investigation has shown that the release poses no significant threat to public health or the environment and, therefore, the taking of remedial measures is not appropriate.

Pursuant to CERCLA Section 121(c) and the NCP, EPA conducts five-year reviews to ensure the continued protectiveness of remedial actions where hazardous substances, pollutants, or contaminants remain at a site above levels that allow for unlimited use and unrestricted exposure. EPA conducts such five-year reviews even if a site or a portion of a site is deleted from the NPL. EPA may initiate further action to ensure continued protectiveness at a deleted site if new information becomes available that indicates it is appropriate. Whenever there is a significant release from a site deleted from the NPL, the deleted site may be restored to the NPL without application of the hazard ranking system.

III. Deletion Procedures

The following procedures apply to deletion of Source Area 4 of OU3 of the SERGWC Site from the NPL:

(1) EPA consulted with the State of Illinois prior to developing this Notice of Intent for Partial Deletion.

(2) EPA has provided the State thirty (30) working days for review of this notice prior to publication of it today.

(3) In accordance with the criteria discussed above, EPA has determined that no further response is appropriate for Source Area 4 of OU3 of the SERGWC Site.

(4) The State of Illinois, through the IEPA, has concurred with deletion of Source Area 4 of OU3 of the SERGWC Site from the NPL.

(5) Concurrently with the publication of this Notice of Intent for Partial Deletion in the **Federal Register**, an announcement of the availability of the Notice of Intent for Partial Deletion is being published in a major local newspaper, the Rockford Register Star. The newspaper notice announces the 30-day public comment period concerning the Notice of Intent for Partial Deletion of the SERGWC Site from the NPL.

(6) EPA placed copies of documents supporting the proposed partial deletion in the deletion docket and made these items available for public inspection and copying at <https://www.regulations.gov>, Docket ID No. 1989-0008 and at <https://www.epa.gov/superfund/southeast-rockford-groundwater>.

If comments are received within the 30-day public comment period on this document, EPA will evaluate and respond appropriately to the comments before making a final decision to delete Source Area 4 of OU3 of the SERGWC Site from the NPL. If necessary, EPA will prepare a Responsiveness Summary to address any significant public comments received. After the public comment period, if EPA

determines it is still appropriate to delete Source Area 4 of OU3 of the SERGWC Site from the NPL, the EPA will publish a final Notice of Partial Deletion in the **Federal Register**. Public notices, public submissions, and copies of the Responsiveness Summary, if prepared, will be made available to interested parties and in the docket listed above.

Deletion of a portion of a site from the NPL does not itself create, alter, or revoke any individual's rights or obligations. Deletion of a portion of a site from the NPL does not in any way alter EPA's right to take enforcement actions, as appropriate. The NPL is designed primarily for informational purposes and to assist EPA management. Section 300.425(e)(3) of the NCP states that the deletion of a site or a portion of a site from the NPL does not preclude eligibility for future response actions, should future conditions warrant such actions.

IV. Basis for Intended Partial Site Deletion

The EPA placed copies of a Site-Specific Justification for the Partial Deletion of Source Area 4 from the National Priorities List and other documents supporting the proposed partial deletion in the deletion docket. The material provides explanation of EPA's rationale for the partial deletion and demonstrates how Source Area 4 of OU3 of the

SERGWC Site meets the deletion criteria. This information is made available for public inspection in the docket identified above.

List of Subjects in 40 CFR Part 300

Environmental protection, Air pollution control, Chemicals, Hazardous substances, Hazardous waste, Intergovernmental relations, Penalties, Reporting and recordkeeping requirements, Superfund, Water pollution control, Water supply.

Authority: 33 U.S.C. 1321(d); 42 U.S.C. 9601-9675; E.O. 13626, 77 FR 56749, 3 CFR, 2013 Comp., p. 306; E.O. 12777, 56 FR 54757, 3 CFR, 1991 Comp., p. 351; E.O. 12580, 52 FR 2923, 3 CFR, 1987 Comp., p. 193.

Dated:

Kurt Thiede,
Regional Administrator,
Region 5.

Attachment 2

**Site-Specific Justification for the Partial Deletion from the National Priorities List
of Operable Unit 3 (OU3) Source Area 4 (SA4),
Southeast Rockford Groundwater Contamination Superfund Site, Rockford, Illinois**

Purpose

The U.S. Environmental Protection Agency (EPA) Region 5 is proposing the deletion of Source Area 4 (SA4) of Operable Unit 3 (OU3) of the Southeast Rockford Groundwater Contamination Superfund Site (SERGWC Site or Site) from the National Priorities List (NPL). A Notice of Intent to Partially Delete (NOIPD) (the proposed rulemaking) is expected to be published in the Federal Register in the near future and will open public comment on this proposed action. This document provides justification for the partial deletion. Other documents which provide support for this partial deletion are located in the deletion docket which is available at <https://www.regulations.gov>, Docket ID No. EPA-HQ-SFUND-1989-0008 and at <https://www.epa.gov/superfund/southeast-rockford-groundwater>. An index of the documents included in the partial deletion docket is provided in Attachment C.

Partial deletion of a source area or an operable unit (OU) from the NPL does not create, alter, or revoke any individual's rights or obligations. Partial deletion of a source area or an OU from the NPL does not in any way alter the EPA's right to take enforcement actions, as appropriate. The NPL is designed primarily for informational purposes and to assist EPA management. Section 300.425(e)(3) of the National Contingency Plan (NCP) states that a partial deletion of an OU from the NPL does not preclude eligibility for future response actions, should future conditions warrant such actions. As SA4 is one facility within OU3, Section 300.425(e)(3) is also applicable to this proposed action.

Determination that the Site Meets the Criteria for Deletion

The EPA has consulted with the Illinois Environmental Protection Agency (Illinois EPA) on the proposed deletion of SA4 of OU3 from the NPL. During the last Five-Year Review (FYR) EPA conducted for the Site in 2018, EPA also determined that the response actions taken at SA4 are protective of public health and the environment and, therefore, taking additional remedial measures at SA4 is not appropriate.

The implemented remedy achieves the degree of cleanup or protection for SA4 specified in the 2002 OU3 Record of Decision (ROD), as modified by the 2012 Explanation of Significant Differences (ESD).

All selected removal and remedial action objectives and associated cleanup goals for OU3 SA4 soils and leachate are consistent with agency policy and guidance. The proposed partial deletion meets the completion requirements as specified in OSWER Directive 9320.2-22, Close Out Procedures for National Priority List Sites.

All response activities for OU3 SA4 are complete and the property poses no unacceptable risk to human health and the environment. Therefore, EPA and Illinois EPA have determined that no further response is necessary at OU3 SA4.

Agency Concurrence

EPA requested concurrence from Illinois EPA to delete OU3 SA4 from the NPL on March 31, 2020. Illinois EPA issued a letter concurring with the proposed partial deletion on May 8, 2020. EPA Headquarters concurred with the SERGWC Site OU3 SA4 Notice of Intent to Delete on May 20, 2020.

Community Involvement

EPA and Illinois EPA satisfied public participation activities for the Site as required in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Section 113(k), 42 U.S.C. 9613(k), and CERCLA Section 117, 42 U.S.C. 9617. EPA offered comment periods during the development and implementation of the SA4 remedy, its proposed cleanup plan, and during all five FYRs. Additionally, EPA conducted public meetings to discuss Site progress and maintained a local information repository in Rockford, Illinois, where residents could review Site information.

The documents that EPA relied on for the deletion of OU3 SA4 from the SERGWC Site are in the deletion docket and are available to the public online at <https://www.regulations.gov> in Docket ID No. EPA-HQ-SFUND-1989-0008 and at <https://www.epa.gov/superfund/southeast-rockford-groundwater>. EPA will publish a notice of availability of the NOIPD and the 30-day public comment period in the Rockford Register Star concurrent with the publication of the NOIPD in the Federal Register to satisfy public participation procedures required by Section 300.425(e)(4) of the NCP.

The State of Illinois (State), through the Illinois EPA, supports the deletion of OU3 SA4. The State signed a letter concurring with the partial deletion on May 8, 2020.

Site Background - History

The SERGWC Site (CERCLIS ID No. ILD981000417) is located in the southeast portion of Rockford, Illinois and covers an area approximately three miles long by two and one-half miles wide. The area is a predominately suburban residential area, with scattered industrial, retail, and commercial operations throughout. The groundwater contaminant plume is defined by total volatile organic compounds (VOCs) at concentrations greater than 10 parts per billion (ppb). The groundwater contamination was caused by poor past waste-handling practices by local industry. The extent of the SERGWC Site and the relative location of SA4, the area proposed for partial deletion, are shown in Figures 1 and 2. A drawing of the SA4 property is provided in Figure 3.

The City of Rockford (City) initially discovered the VOC groundwater contamination in 1981. The City responded by closing the impacted municipal wells, and the Illinois Department of Public Health (IDPH) was brought in to assess impacts to private wells. By 1986, IDPH was able to define the contaminated area as approximately 1.2 square miles in Southeast Rockford (the original study area boundaries).

EPA proposed the Site for inclusion on the NPL on June 24, 1988 (53 FR 23988). EPA formally added the Site to the NPL on March 31, 1989 (54 FR 13296) as a federally-funded, State-lead Superfund site.

Throughout 1989, the EPA Technical Assistance Team sampled residential wells in the Southeast Rockford area and tested for the following VOCs:

- Trichloroethylene (TCE);
- Cis-1,2-dichloroethylene (cis-1,2-DCE);
- 1,2-Dichloroethane (1,2-DCA);

- 1,1,1-Trichloroethane (1,1,1-TCA);
- Trans-1,2-Dichloroethylene (trans-1,2-DCE); and
- 1,1-Dichloroethane (1,1 DCA).

Based on the results of the 1989 residential well sampling, EPA initiated an emergency action and offered bottled water as a temporary measure to residents whose well water analysis results revealed VOC levels greater than or equal to 25% of the removal action level (RAL). In mid-December 1989, the wells of these residences were equipped with carbon filters as an intermediate solution to the contaminated drinking water. EPA then extended water mains and provided hookups to city water for the residences with private wells contaminated with VOCs at levels greater than or equal to 25% of the RAL.

SERGWC Site Background – Project Organization

Because the SERGWC Site is fairly large and complex, EPA broke the Site into three work units, termed OUs, for ease of addressing Site contaminants:

- OU1 – Connections to Municipal Water
- OU2 – Groundwater Contaminant Plume
- OU3 – Source Control

General information about OU1, OU2, and OU3 is provided below in the SERGWC Site Background discussion. Because SA4 is part of OU3, the focus of the remainder of the document will be on OU3, with an emphasis on the work completed and actions taken relevant to SA4.

SERGWC Site Background – Operable Unit 1 (OU1)

The 1990 investigation of the groundwater plume and evaluation of alternatives for OU1 was streamlined to provide permanent relief to residences with contaminated private wells. The remedial investigation (RI) built on the previous municipal and residential well sampling to define the extent of the groundwater contamination and evaluate the health risks from drinking the contaminated groundwater. A feasibility study (FS) evaluated four alternatives to address the risks posed by the contaminated wells: (1) Connect affected residences to the Rockford water system; (2) connect residents to new residential wells; (3) point of entry (POE) water treatment devices; and (4) no action. EPA and Illinois EPA issued a Record of Decision (ROD) on June 14, 1991 to address the consumption of contaminated groundwater as an interim action. The selected remedy was to connect residences to the City of Rockford water system and install granular activated carbon (GAC) treatment at municipal extraction well #35. A Remedial Action Report certifying that the selected remedy was operational and functional was signed on December 21, 1992.

SERGWC Site Background – Operable Unit 2 (OU2)

EPA and Illinois EPA initiated OU2 to further investigate the groundwater plume, further investigate the identified source areas, evaluate the potential for vapor intrusion into residences, and determine what remedial action could be undertaken to restore the contaminated aquifer. The RI Report was issued in January 1995. The FS evaluated five remedial alternatives to address the contaminated groundwater: (1) No action; (2a) use restrictions; (2b) limited action; (3a) groundwater extraction and air stripping with off-Site disposal; and (3b) groundwater extraction and air stripping with on-Site discharge.

The September 29, 1995 ROD selected Alternative 2a, Use Restrictions. The major components of the selected remedy included:

- Groundwater monitoring for 205 years;
- Water main installations;
- Service connections for selected private potable-use wells (continuation of effort from OU1);
- Future service connections for remaining potable-use wells;
- Continued operation of GAC unit at municipal well UW-35;
- Future source control measures at four identified source areas of groundwater contamination; and
- Institutional controls.

Long-term remedial action goals are maximum contaminant levels (MCLs) established under the Safe Drinking Water Act and the Illinois Groundwater Protection Act.

SERGWC Site Background – Operable Unit 3 (OU3)

The 1995 OU2 ROD identified four sources of contamination to the SERGWC Site. These four source areas were referenced as Source Areas 4, 7, 9/10, and 11 and were broken out to be addressed under OU3. Because the proposed partial deletion action is focused on OU3 SA4, the RI, FS, and remedy implementation information will be limited to SA4.

OU3 - Remedial Investigation and Feasibility Study

OU3 began as a State-lead action in May 1996 to investigate and select remedies for the four identified Source Areas. Field work for OU3 began under the direction of Illinois EPA on May 20, 1996. The RI included: soil gas samples and soil borings at all four areas; surface water and sediment sampling at Area 7; and monitoring well installation and groundwater sampling at Source Area 9/10.

SA4 is situated in a mixed industrial, commercial, and residential area located east of Marshall Street and south of Harrison Avenue. SA4 is comprised of a former machine shop (Swebco Manufacturing, Inc.) located at 2630 Marshall Street and a residential trailer park (Barrett's) located on the northeast portion of SA4. The source of the contamination is believed to be leaking underground storage tanks that were located beneath the parking lot of Swebco Manufacturing, Inc. No elevated concentrations of chlorinated VOCs were detected in the trailer park area.

Regarding the underground storage tanks, the Illinois Office of the State Fire Marshal database shows that there are no current active permits for the property and no associated leaking underground storage tank determinations. The database notes that there were three tanks located at the SA4 property that have since been removed:

	<u>Capacity</u>	<u>Product</u>	<u>Status</u>	<u>Abandoned / Removal Date</u>
Tank 1	1,000 gal	<i>*unknown*</i>	Removed	04/01/1992 – REMOVED
Tank 2	2,500 gal	Used Oil	Removed	11/01/1991 – REMOVED
Tank 3	560 gal	Heating Oil	Removed	11/01/1991 – REMOVED

Surface soil samples from SA4 identified several VOCs including 1,1,1-TCA at concentrations up to 0.1 part per million (ppm). Polycyclic aromatic hydrocarbons (PAHs), compounds associated with pesticides, and polychlorinated biphenyls (PCBs) were also identified in SA4 soil. Concentrations of PCBs and pesticides found in SA4 surface soil does not pose a threat to human health. Concentrations of individual PAHs ranged from non-detection (ND) to 16 ppm. Concentrations of PCBs and pesticides ranged from ND to 0.100 ppm and ND to 0.026 ppm, respectively.

Sub-surface soil samples from approximately three to ten feet below ground surface (bgs) at SA4 showed higher concentrations of VOCs, PAHs, and pesticides. Elevated concentrations of VOCs and PAHs were found primarily in two soil borings taken beneath the parking lot at the facility. Elevated concentrations in both borings were found around 30 feet bgs with individual VOCs (1,1,1-trichloroethane) up to 510 ppm and PAHs, such as naphthalene, up to 3 ppm. The highest concentration of an individual pesticide compound in the subsurface was 0.005 ppm. Inorganic compounds were detected in SA4 at levels below background concentrations.

Significant groundwater contamination exists beneath and downgradient of SA4. Elevated levels of 1,1,1-trichloroethane and trichloroethene were identified in wells down gradient of the facility at concentrations of 1.0 ppm and 0.02 ppm, respectively. The potential pathways of contaminant migration include groundwater and void spaces in the soil (e.g. soil gas). Soil gas concentrations of 1,1,1-trichloroethane in the immediate vicinity of SA4 ranged from below detection limits to 7.2 ppm. Surface migration of contaminants was not likely, given that most of SA4 is paved.

The OU3 FS evaluated potential response actions to address source area soils and leachate. For the purposes of the OU3 FS the term “leachate” was used to refer to local groundwater within each source area in order to differentiate that from groundwater which had already moved beyond the source area into the greater SERGWC plume.

For OU3 SA4 soils, the FS evaluated the following cleanup alternatives:

- SCS-4A: No Action;
- SCS-4B: Limited Action (restrictions on groundwater and land use);
- SCS-4C: Soil Vapor Extraction with Vapor Treatment by Catalytic Oxidation; and
- SCS-4D: Soil Excavation and On-Site Thermal Treatment with Low-Temperature Thermal Desorption (LTTD) Followed by an Afterburner.

For OU3 SA4 Leachate, the Feasibility Study evaluated the following alternatives:

- SCL-4A: No Action (Leachate Monitoring, Restrictions on Groundwater Usage);
- SCL-4B: Hydraulic Containment (Leachate Monitoring, Leachate Containment / Collection and Treatment and On-Site Surface Discharge, and Groundwater Use Restrictions);
- SCL-4D: Reactive Barrier Wall/Leachate Monitoring/Groundwater Use Restrictions; and
- SCL-4E: Install Injection Wells Along the Northwestern Boundary of the Groundwater Management Zone (GMZ) and Within the Source Area/Install Air Sparging Unit/Inject Air/Restriction on Groundwater Usage.

OU3 – Risk Assessment

The Illinois EPA was the lead agency for the OU3 investigation. As part of that work, the State of Illinois utilized Camp, Dresser, & McKee (CDM) to prepare a risk assessment for the Source Control Operable Unit. The April 11, 2000 risk assessment documents the results of the effort which focused on the development of remediation objectives for each of the four OU3 source areas. The approach used by Illinois EPA and CDM was not based on the EPA Risk Assessment Guidance for Superfund. Instead the risk assessment followed the approaches set out in 35 Illinois Administrative Code (IAC) Part 742, Tiered Approach for Correction Action Objectives (TACO).

OU3 – Selected Remedy - 2002 Record of Decision (ROD)

The June 11, 2002 ROD for OU3 selected the remedies for the four OU3 Source Areas. For SA4, the selected remedies were SCS-4D and SCL-4B. Under these alternatives, approximately 2,800 cubic

yards of contaminated soils would be excavated and VOCs would be removed through on-Site thermal treatment via a LTTD unit. The water table would be lowered to expose residual non-aqueous phase liquid (NAPL) to maximize VOC removal. Treated soil would be returned to the Site after sampling to confirm that remediation goals were met. Water collected during dewatering would be contained on-Site in two 21,000-gallon carbon steel tanks and transported to an appropriate disposal facility.

Following the completion of the soils excavation and thermal treatment, a leachate containment and treatment system would be installed. Leachate would be contained and extracted at a rate of approximately 20 gallons per minute through a series of six leachate extraction wells, submersible pumps, piping and controls. An air-stripping unit would then treat the extracted leachate. The treated effluent would be discharged to an on-Site storm water ditch. Effluent would be monitored periodically for VOCs to confirm that the leachate is treated to acceptable levels. Vapors stripped from the leachate in the air-stripping unit would be directed to an on-Site GAC unit.

In addition to the active remediation, institutional controls would be placed on the property to limit groundwater use; monitoring wells would be installed; and a groundwater- and leachate-monitoring program would be implemented.

2002 OU3 ROD Remediation Goals

Table 1 of the 2002 OU3 ROD established initial contaminants of concern (COCs) and remediation goals for soil and leachate (referenced here as groundwater). Note that based on "Note 1", only the contaminant in bold text (1,1,1-Trichloroethane) is a contaminated of concern for soil for purposes of Site remediation.

CONTAMINANT ¹	SOIL (ppm)			GROUNDWATER (ppb)	
	Concentration Range in Soil (from RI)		Soil Remediation Goal	Concentration Range	MCL
	Above 10 feet	Below 10 feet			
Volatile Organics					
1,1-Dichloroethene	BDL	BDL	0.06 ²	BDL – 10(J)	7
1,1,1-Trichloroethane	BDL – 0.11	BDL – 510.0	9.118 ³	BDL – 1,000	200
Trichloroethene	BDL – 0.025	BDL	0.06 ²	BDL – 28	5
Semi-Volatile Organics					
Benzo(a)anthracene	BDL – 5.6	BDL	0.9 ²	NA	NA
Benzo(b)fluoranthene	0.06 – 11	BDL	1.38 ⁶	NA	NA
Benzo(k)fluoranthene	0.07 – 11	BDL	1.85 ⁶	NA	NA
Benzo(a)pyrene	BDL – 1.1	BDL	0.23 ⁶	NA	NA
Dibenzo(a,h)anthracene	BDL – 0.43	BDL	0.09 ²	NA	NA
Metals					
Beryllium	0.2 – 0.7	NA	1.51	NA	NA
Notes:					
ppm - parts per million or milligrams per kilogram					
ppb - parts per billion or micrograms per kilogram					
MCL - Maximum Contaminant Level developed pursuant to Safe Drinking Water Act					
BDL - Below detection limit of laboratory instruments or methods					
NA - Compound was not analyzed or measure in laboratory					
J - Value is estimated based on laboratory results					

- | | |
|-----|--|
| 1 - | Only compounds that exceed Tier 1 screening level in soil or an MCL in groundwater are included in Table. Compounds in bold text are contaminants of concern for soil, and associated remediation objectives shall be attained through remediation. Remediation objectives shown for all other compounds are only for informational purposes. See section entitled "Remedial Action Objectives" for details. |
| 2 - | Remediation Goal is the Tier 1 Residential screening level for soil for direct contact. |
| 3 - | Remediation Goal calculated using equation R15 of TACO that takes attenuation into account. |
| 4 - | Only Tier 1 residential screening levels for soil for direct contact are considered for semivolatiles because semivolatiles are not currently groundwater contaminants and are not expected to become groundwater contaminants. |
| 5 - | Compound will be evaluated further through sampling during Remedial Design. Although compound exceeds Tier 1 residential screening level for soil for direct contact, it is not considered a chemical of concern at this time because semivolatiles are prevalent in the environment and not found in groundwater. |
| 6 - | 95% Upper Confidence Limit on background concentrations. |
| 7 - | Upper Tolerance Limit on site-specific beryllium background concentrations. |

The 2002 ROD provided background on why only one COC was identified in Table 1. The Southeast Rockford Source Control Operable Unit Risk Assessment Report, dated April 2000, evaluated human health risks posed by SA4. The study identified only one definitive COC (1,1,1-Trichloroethane) based on concentrations observed during the RI. However, 1,1-dichloroethene and trichloroethene were carried through as COCs to the remedial action (RA) to allow for the potential discovery of higher concentrations of these chemicals during Site cleanup.

At the time of the 2002 OU3 ROD, there was insufficient information to make a determination as to the significance of elevated PAHs in SA4 soils. Therefore, the ROD left that as an open issue, which was ultimately resolved during the remedial design phase of the project. Pursuant to the 2004 Remedial Design Work Plan, it was determined that PAHs were the result of anthropogenic activities and were not attributable to the Site. Therefore, no remedial action was required to address the PAHs. Note, however, that the 2005 interim soil removal would have removed a significant portion of the PAH contamination in shallow soils.

Based on the results of the 2000 Southeast Rockford Source Control Operable Unit Risk Assessment Report, beryllium was not carried through as a COC for the RA. Concentrations of beryllium found in the soil during the RI were below the risk-based remediation goal and were generally in a range consistent with background levels found in metropolitan areas of Illinois (35 IAC 742 Table G).

OU3 SA4 - 2004 Pre-Design Remediation Goals

Because of the discovery of additional VOCs during the OU3 SA4 pre-design work, the Illinois EPA established remediation goals for additional COCs in 2004. Consistent with the approach used for the development of the remediation goals in the 2002 ROD, the remediation goals for the additional soil COCs were based on 35 IAC Part 742 Tier 1 Residential Screening Levels for Direct Contact. Remediation goals for groundwater for the additional COCs were taken from the Class I Groundwater Standards 35 IAC Part 620.410. Effluent standards were established by the Illinois EPA Bureau of Water based on aquatic life chronic criteria in order to address treatment system discharge to a ditch leading to the Rock River.

The remediation goals and effluent standards developed for SA4 during the remedial design were as follows:

Contaminant	Soil Remediation Goal (ppb)	Groundwater Remediation Goal (ppb)	Treatment System Liquid Effluent (ppb)
Carbon tetrachloride*	70	5	280
1,1-Dichloroethene	60	7	1
1,1,1-Trichloroethane	9,118	200	390
1,1,2-Trichloroethane*	20	6	12
Trichloroethene	60	5	25
Tetrachloroethene*	60	5	3

* Remediation goal established during 2004 pre-design investigation (Illinois EPA 2004).

OU3 SA4 –2012 Explanation of Significant Differences (ESD)

The 2002 ROD for SA4 identified ex-situ thermal remediation through excavation and on-Site LTDD as the appropriate remedy for contaminated soils. As a result of pre-design/pilot study work conducted from 2004 to 2006, it was found that the volume of soil to be treated was approximately double the original estimate due to significant contamination below the footprint of the building. It was also determined that the excavation of the soils beneath the building and excavation to the required depth under the parking lot presented significant construction challenges and increased costs. To address these concerns, Illinois EPA and EPA determined that employing electrical resistivity heating (ERH), an in-situ thermal remedy for the soils, would eliminate these challenges and decrease cleanup costs. ERH is capable of achieving the same or better results with significantly fewer health and safety issues to construction workers and the public during implementation at a lower cost than the LTDD remedy outlined in the June 2002 ROD.

EPA and Illinois EPA issued an Explanation of Significant Differences (ESD) on July 27, 2012. The 2012 ESD documents the decision to utilize ERH instead of LTDD as the treatment component for the soil remedy. This change was a significant change to SA4 remedy, but was not a change that fundamentally altered the cleanup remedy selected in the OU3 ROD.

OU3 SA4 - Response Action – Interim Soil Removal

The selected remedy for SA4 included the removal of 2,800 cubic yards of soil to provide for a timely and substantial reduction in risk and to address material that qualified as a principal threat at the Site. The interim soil removal was conducted on September 13, 2005 in the 20 feet by 50 feet area of the former loading dock. Soils were excavated to a depth of approximately 3 feet bgs and disposed off-Site as non-hazardous waste. The excavation was lined and backfilled with clean fill.

OU3 SA4 - Response Action – Leachate Component of SA4 Remedial Action

The remedy selected for SA4 leachate was hydraulic containment. A groundwater extraction system was constructed to prevent the continued migration of impacted groundwater from SA4. Three groundwater extraction wells (EW001, EW002, and EW003) were installed in Marshall Street downgradient of SA4 as shown on the figures. Each well was designed to pump at approximately 30 gallons per minute and send contaminated groundwater to a treatment unit located one block west of the SA4 before being discharged to a concrete drainage ditch. The treatment train consisted of an oil/water separator, air stripper, bag filter, and granular activated carbon for both the water and vapor effluent streams.

The SA4 leachate component of the RA began in late 2009 and was declared operational and functional (O&F) in October 2010.

Illinois EPA established a Groundwater Management Zone (GMZ) as part of the SA4 leachate component of the remedy. Groundwater monitoring and extraction wells at SA4 were sampled quarterly since system startup until 2012, when the sampling interval was changed to semiannually. Since the beginning of the sampling activities at SA4, contaminant concentrations have slowly decreased over time. Based on contaminant concentrations in groundwater samples collected during semiannual events in 2017 and May 2018, EPA and Illinois EPA determined that the area had been successfully remediated. ERH-treated soils were no longer acting as a source of groundwater contamination and residual groundwater contamination from the SA4 source had dissipated. Illinois EPA terminated the SA4 GMZ on March 28, 2019.

OU3 SA4 - Response Action – Electrical Resistivity Heating (ERH) / Air Sparging

Construction work for the ERH system began in July 2016 and included the following:

- Installation of multi-phase extraction electrodes, vapor piezometers, groundwater monitoring piezometers, and temperature monitoring points;
- Installation of an electrode drip system and a cooling loop;
- Trenching to connect multi-phase extraction (MPE) electrode locations and to install equipment under Marshall Street;
- Installation of five steam sparge locations;
- Process equipment functionality tests;
- Security system functionality tests;
- Voltage potential testing; and
- Operational readiness review prior to start up.

The ERH system began operations on October 14, 2016. In January 2017, steam sparging was added to the treatment system to offset insufficient heating at depths below 30 feet bgs.

During operations, there was weekly monitoring of system performance and regular maintenance of the system, including vapor carbon change out. Although the system operated without any major upsets, the process water treatment system had to be modified to address sulfate-reducing bacteria.

Illinois EPA's contractor performed three separate rounds of soil confirmation sampling before the ERH action was considered complete. The third round of soil sampling was conducted on February 16, 2017 and EPA and Illinois EPA approved completion of ERH treatment operations on February 22, 2017. Demobilization was completed on April 16, 2017. Illinois EPA's contractor submitted the Final Soil Component Remedial Action Completion Report for SA4 in September 2017 summarizing the ERH work completed at SA4.

OU3 SA4 – Attainment of Soil and Leachate Cleanup Levels

The ERH/air sparging treatment of the SA4 soil was successful in treating the VOC contamination. Confirmation sampling at the conclusion of the RA estimated an overall average percent of reduction of 99.97% in the mass of VOCs in soil. At the conclusion of the work, sample results were found to be less than the remedial goals. See Appendix A for an excerpt from the 2017 Soil Component Remedial Action Completion Report for SA4. The excerpt includes data tables from verification sampling conducted after each phase of the ERH effort.

For the SA4 leachate component, operations and maintenance (O&M) activities began after construction in 2010 and continued for almost nine years until EPA and Illinois EPA determined that the remedial goals had been achieved. The leachate extraction/treatment system ceased operations on October 25, 2018 and the SA4 GMZ was terminated on March 28, 2019.

The pre-final inspection of SA4 was conducted on July 9, 2019. CDM Smith, on behalf of Illinois EPA, submitted a Long-Term Completion Report for SA4, which addressed both soils and leachate, in September 2019. Appendix B contains an excerpt from the September 2019 report, specifically, groundwater sampling data that supported the decision to terminate the SA4 GMZ.

OU3 SA4 - Operation and Maintenance/Institutional Controls

No O&M activities are required for SA4. All remedial actions are complete and SA4 is acceptable for unrestricted use/unlimited exposure.

The soil remediation goals developed for SA4 were based on 35 IAC Part 742, Tier 1 Residential Screening Levels for Direct Contact. Round 4 of the ERH/air sparging verification sampling confirmed that all soil remediation goals had been attained and SA4 was acceptable for unrestricted use/unlimited exposure; therefore, no institutional controls are required to restrict property use or development based on any residual levels of contaminants in soil.

With the termination of the SA4 GMZ, there is no requirement for a SA4-specific institutional control to restrict groundwater use. The existing Winnebago County ordinance prohibiting the installation of new private supply wells in the SERGWC Site area of groundwater contamination will continue to be applicable to the property.

OU3 SA4 – Current Status of Property/Opportunities for Redevelopment

The SA4 property is zoned commercial/industrial and was most recently utilized by H&H Wood Products and Pallets. However, the property has been abandoned, and the current structure on the property has been condemned. Future development of the property would be beneficial, but no actions are currently planned. Based on information from Illinois EPA, a homeless individual has recently been residing at the property.

OU3 SA4 - Five-Year Reviews

EPA completed five (5) FYRs of the SERGWC Site. EPA's most recent review, finalized on May 10, 2018, reviewed all of the Site OUs. EPA's FYR did not note any issues of concern for OU3 SA4.

The protectiveness statement from EPA's 2018 FYR made the following determination for OU3:

"The Source Area remedies for OU3 are expected to be protective of human health and the environment upon their completion. In the interim, remedial activities completed to date have adequately addressed all exposure pathways that could result in unacceptable risks in these areas. Contaminants are present in subsurface soil in Source Areas 7 and 11, but under current conditions there is no potential for human exposure. Some ICs are in place to restrict land and groundwater uses within the Source Areas, including groundwater governmental controls via a local ordinance; in Source Area 7, an Environmental Restrictive Covenant covering soil and groundwater is in place; and in a portion of Source Area 9/10, an Environmental Restrictive Covenant covering groundwater and land use is in place. Additional actions that should be taken to ensure long-term protectiveness of the remedies for OU3 include: conducting an evaluation of ICs, implementation of any additional ICs needed, development of an ICIAP, and development and implementation of a LTS Plan."

Figures

Figure 1

Figure 2

Figure 3

Attachment A

Soil Component Remedial Action Completion Report, Source Area 4, Southeast Rockford Groundwater Contamination Superfund Site, December 2017, Excerpt (Tables 7-1 through 7-6).

Attachment B

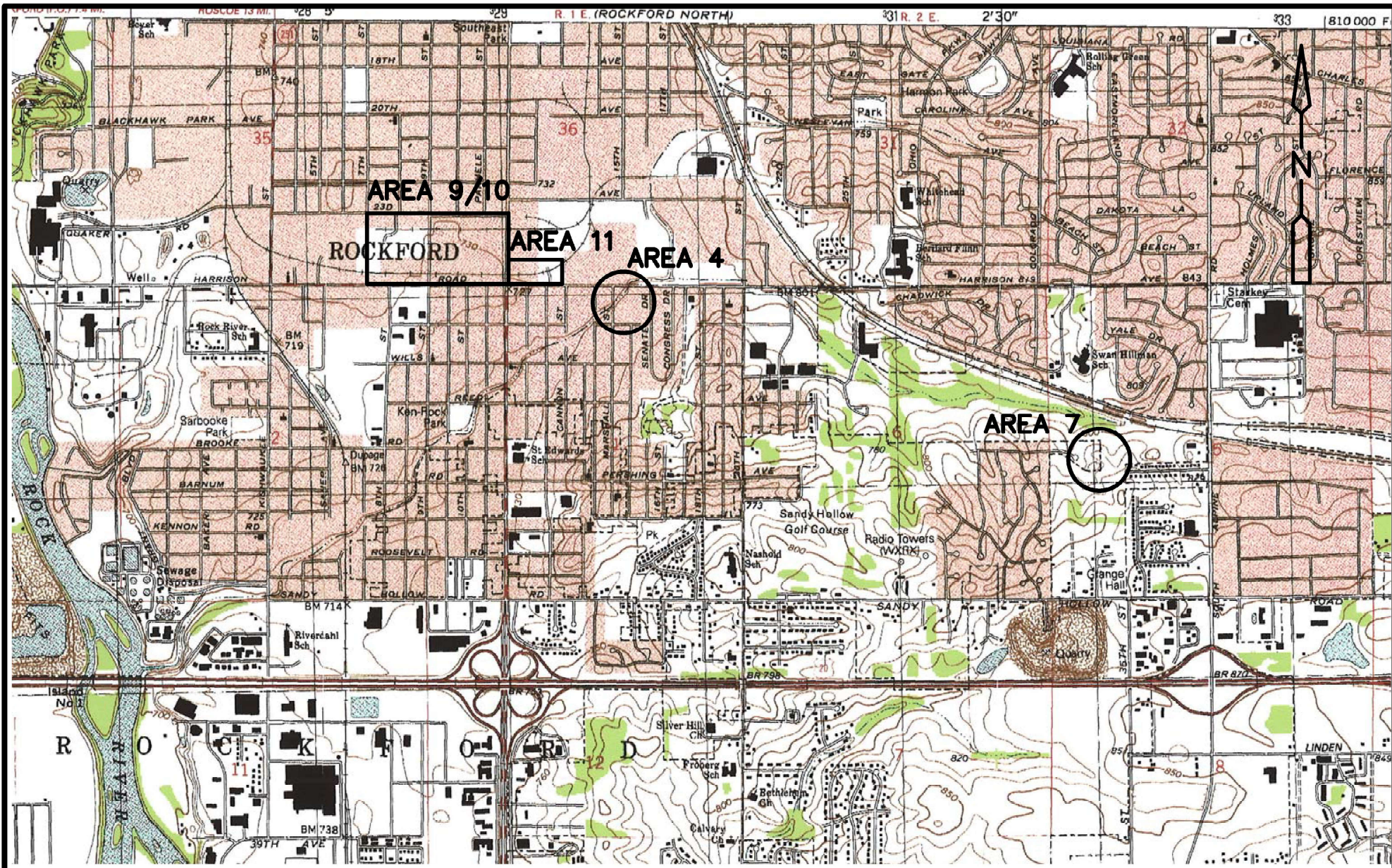
Long-Term Remedial Completion Report, Source Area 4, Southeast Rockford Groundwater Contamination Superfund Site, September 2019, Excerpt (Table 5-2).

Attachment C

Docket Reports Index, Partial Deletion of SA4, Southeast Rockford Groundwater Contamination Superfund Site, May 2020.

Attachment 2A

PLOT DATE: 6/3/2011 11:38 AM PLOTTED BY: ROMAN, OSCAR DWG LOCATION: S:\1681\77224_Arec4-GM2-FIGURE-1.dwg
Figure 2



SOUTHEAST ROCKFORD GROUNDWATER CONTAMINATION SUPERFUND SITE
SOURCE CONTROL OPERABLE UNIT
ROCKFORD, ILLINOIS

SOURCE AREA LOCATIONS



Figure No. 1

Figure 1

PLOT DATE: 10/27/2017 11:06 AM PLOTTED BY: SCHAMBER, ANDREW R. DWG LOCATION: C:\Users\schamberar\Desktop\FIGURE_1-1.dwg

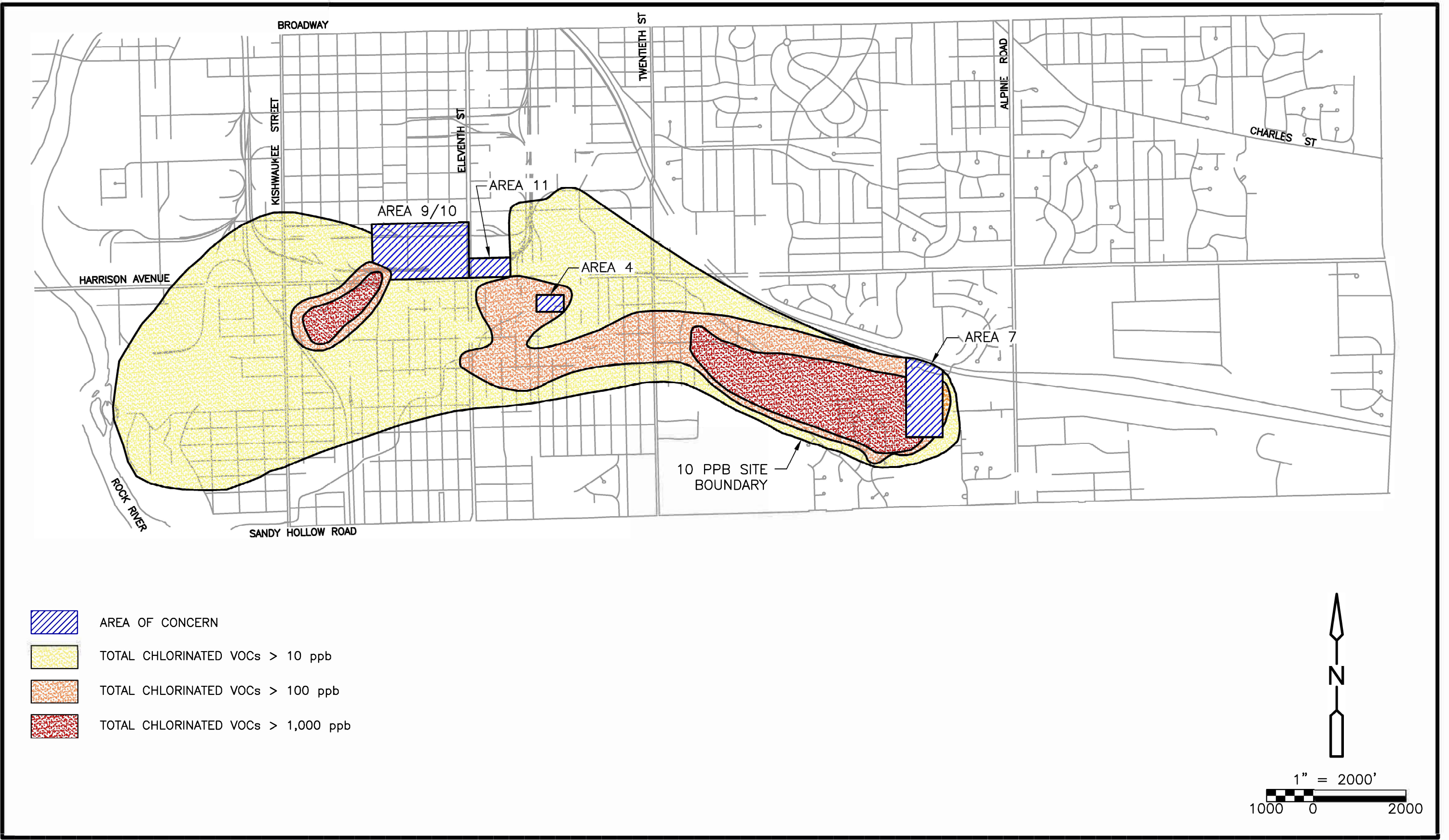
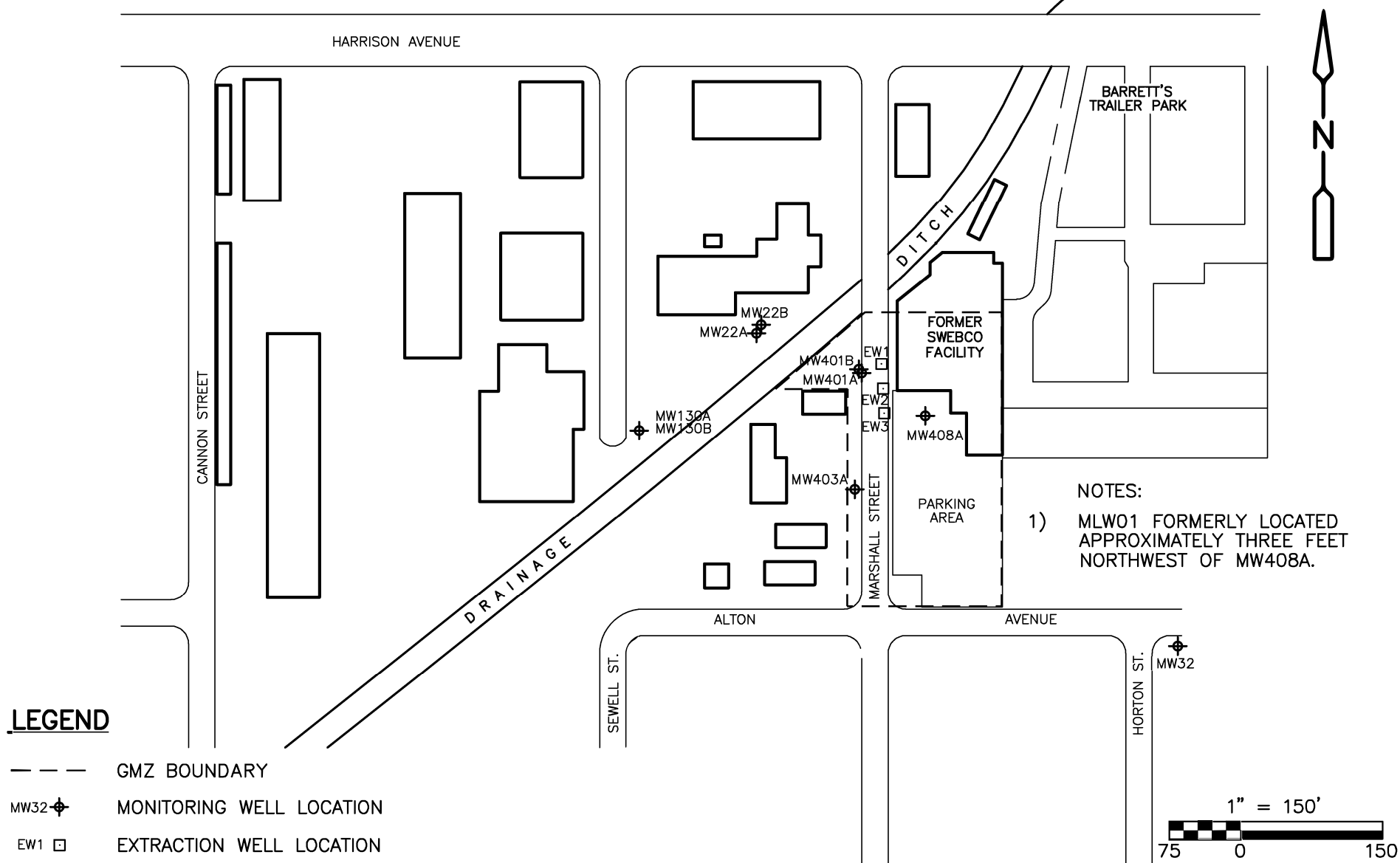


Figure 2
Southeast Rockford Groundwater Contamination Superfund Site
Rockford, IL

PLOT DATE: 9/12/2019 9:59 AM PLOTTED BY: SCHAMBER, ANDREW R. DWG LOCATION: C:\Users\schamberar\Desktop\FIGURE-2_UPDATED.dwg

Figure 3



SOUTHEAST ROCKFORD GROUNDWATER CONTAMINATION SUPERFUND SITE
SOURCE CONTROL OPERABLE UNIT
ROCKFORD, ILLINOIS



SOURCE AREA 4 LAYOUT

Figure No. 3

Attachment A

**Soil Component Remedial Action Completion Report, Source Area 4,
Southeast Rockford Groundwater Contamination Superfund Site, December
2017**

**Excerpt
(Tables 7-1 through 7-6)**

Table 7-1
Round 1 Soil Confirmation Sampling Analytical Data
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Analyte	Remediation Goal	STAT A4-GP01A-161215 12/15/2016		STAT A4-GP08A-161215 12/15/2016		STAT A4-GP08A-161215D 12/15/2016		STAT A4-GP09A-161215 12/15/2016		STAT A4-GP11A-161215 12/15/2016		STAT A4-GP11B-161215 12/15/2016		STAT A4-GP12A-161215 12/15/2016		STAT A4-GP13A-161214 12/14/2016		STAT A4-GP13B-161214 12/14/2016		STAT A4-GP14A-161214 12/14/2016		STAT A4-GP14B-161214 12/14/2016	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	280	U	330		300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
1,1,2,2-Tetrachloroethane		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	UJ	5.5	U	290	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	20	280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
1,1-Dichloroethane		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
1,1-Dichloroethene	60	280	U	280	U	300	U	15		5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
1,2-Dichloropropane		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone		4200	U	4200	U	4500	U	83	U	87	U	85	U	82	U	90	U	86	U	83	U	4400	U
2-Hexanone		1100	UJ	1100	UJ	1200	UJ	22	UJ	23	UJ	23	UJ	22	UJ	24	U	23	U	22	U	1200	U
4-Methyl-2-pentanone		1100	U	1100	U	1200	U	22	U	23	U	23	U	22	U	24	U	23	U	22	U	1200	U
Acetone		4200	U	4200	U	4500	U	83	U	87	U	85	U	82	U	90	UJ	86	UJ	83	UJ	4400	UJ
Benzene		110	U	110	U	120	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	0.55	U	120	U
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	0.55	U	290	U
Bromoform		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	UJ	6	U	5.7	U	0.55	U	290	U
Bromomethane		560	U	560	U	600	U	11	UJ	12	U	11	U	11	U	12	U	11	U	11	U	590	U
Carbon disulfide		2800	U	2800	U	3000	U	55	U	5.8	U	57	U	54	U	60	UJ	57	UJ	55	UJ	2900	UJ
Carbon tetrachloride	70	280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	UJ	6	U	5.7	U	5.5	U	290	U
Chlorobenzene		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	UJ	6	U	5.7	U	5.5	U	290	U
Chloroethane		560	U	560	U	600	U	11	U	12	U	11	U	11	U	12	U	11	U	11	U	590	U
Chloroform		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
Chloromethane		560	U	560	U	600	U	11	U	12	U	11	U	11	U	12	U	11	U	11	U	590	U
cis-1,2-Dichloroethene		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
cis-1,3-Dichloropropene		110	U	110	U	120	U	2.2	U	2.3	U	2.3	U	2.2	U	24	U	2.3	U	2.2	U	120	U
Cyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene		280	U	280	U	300	U	94		5.8	U	5.7	U	5.4	UJ	6	U	5.7	U	5.5	U	290	U
Isopropylbenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
m,p-Xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl tert-butyl ether		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene chloride		560	UJ	560	UJ	600	UJ	11	UJ	12	UJ	11	UJ	11	UJ	12	UJ	11	UJ	11	UJ	590	UJ
o-xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	UJ	6	U	5.7	U	5.5	U	290	U
Tetrachloroethene	60	740		540		500		77		5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
Toluene		280	U	280	U	300	U	12		5.8	U	5.7	U	5.4	UJ	6.3		5.7	U	5.5	U	290	U
trans-1,2-Dichloroethene		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
trans-1,3-Dichloropropene		110	U	110	U	120	U	2.2	U	2.3	U	2.3	U	2.2	U	24	U	2.3	U	2.2	U	120	U
Trichloroethene	60	280	U	280	U	300	U	25		5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Vinyl chloride		280	U	280	U	300	U	5.5	U	5.8	U	5.7	U	5.4	U	6	U	5.7	U	5.5	U	290	U
Xylenes, Total		840	U	840	U	900	U	650		17	U	17	U	33	J	18	U	17	U	17	U	880	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier
NA = Not Analyzed

Table 7-1
Round 1 Soil Confirmation Sampling Analytical Data
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Analyte	Remediation Goal	Test America SS1-37' 12/15/2016		Test America SS2-37'-SOL-20161214 12/14/2016		Test America SS3-32'-SOL-20161214 12/14/2016		Test America SS4-32' 12/16/2016		Test America SS5-32' 12/16/2016		Test America SS6-32' 12/16/2016		Test America SS7-32' 12/15/2016		Test America SS8-37' 12/15/2016		Test America SS9-32' 12/15/2016		Test America SS10-32' 12/16/2016		Test America SS11-8' 12/15/2016	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	400	J	99	U	50	U	49	U
1,1,2,2-Tetrachloroethane		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	20	510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
1,1-Dichloroethane		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
1,1-Dichloroethene	60	510	U	1.9	U	420	J	100	U	470	U	570		1.7	U	490	U	99	U	50	U	49	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		510	U	4.7	U	460	U	100	U	470	U	470	U	4.2	U	490	U	99	U	50	U	49	U
1,2-Dichloropropane		510	U	1.9	U	460	UJ	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone		2500	U	4.7	U	2300	U	520	U	2300	U	2400	U	4.7		2500	U	490	U	250	U	250	U
2-Hexanone		2500	U	4.7	U	2300	U	520	U	2300	U	2400	U	4.2	U	2500	U	490	U	250	U	250	U
4-Methyl-2-pentanone		2500	U	4.7	U	520	U	520	U	2300	U	2400	U	4.2	U	2500	U	490	U	250	U	250	U
Acetone		2500	U	19	U	2300	U	520	U	2300	U	2400	U	27		2500	U	490	U	250	U	580	
Benzene		130	U	1.9	U	110	U	26	U	120	U	120	U	1.7	U	120	U	25	U	12	U	12	U
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
Bromoform		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
Bromomethane		1000	U	1.9	U	920	U	210	U	940	U	940	U	4.2	U	990	U	200	U	100	U	98	U
Carbon disulfide		1000	U	4.7	U	920	U	210	U	940	U	940	U	4.2	U	990	U	200	U	100	U	98	U
Carbon tetrachloride	70	510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
Chlorobenzene		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
Chloroethane		510	UJ	4.7	U	460	U	100	U	470	U	470	U	4.2	U	490	U	99	U	50	U	49	U
Chloroform		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
Chloromethane		510	U	4.7	U	460	U	100	U	470	U	470	U	4.2	U	490	U	99	U	50	U	49	U
cis-1,2-Dichloroethene		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
cis-1,3-Dichloropropene		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
Cyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene		130	U	1.9	U	230		26	U	120	U	680		1.7	U	120	U	140		12	U	12	U
Isopropylbenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
m,p-Xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl tert-butyl ether		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene chloride		2500	U	4.7	U	520	U	520	U	2300	U	2400	U	4.2	U	2500	U	490	U	250	U	250	U
o-xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
Tetrachloroethene	60	560		1.9	U	460	U	100	U	470	U	280	J	1.7	U	440	J	86	J	50	U	49	U
Toluene		130	U	4		110	U	26	U	120	U	140		3.1		120	U	25	U	12	U	12	U
trans-1,2-Dichloroethene		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
trans-1,3-Dichloropropene		510	U	1.9	U	460	U	100	U	470	U	470	U	1.7	U	490	U	99	U	50	U	49	U
Trichloroethene	60	250	U	1.9	U	23	U	52	U	230	U	240	U	1.7	U	250	U	49	U	25	U	25	U
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Vinyl chloride		250	U	1.9	U	230	U	52	U	230	U	240	U	1.7	U	250	U	49	U	25	U	25	U
Xylenes, Total		250	U	3.8	U	1800		200		650		5100		3.4	U	250	U	1200		25	U	25	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier
NA = Not Analyzed

Table 7-1
Round 1 Soil Confirmation Sampling Analytical Data
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Remediation Goal		Test America SS11-16' 12/15/2016		Test America SS11-24' 12/15/2016		Test America SS11-32' 12/15/2016		Test America SS12-8' 12/15/2016		Test America SS12-16' 12/15/2016		Test America SS12-24' 12/15/2016		Test America SS12-32' 12/15/2016		Test America SS13-8'-SOL-20161214 12/14/2016		Test America SS13-16'-SOL-20161214 12/14/2016		Test America SS13-16'-SOL-20161214-Dup 12/14/2016		Test America SS13-24'-SOL-20161214 12/14/2016	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
1,1,2,2-Tetrachloroethane		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	20	50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
1,1-Dichloroethane		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
1,1-Dichloroethene	60	50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
1,2-Dichloropropane		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone		250	U	250	U	2300	U	240	U	230	U	260	U	490	U	470	U	250	U	230	U	240	U
2-Hexanone		250	U	250	U	2300	U	240	U	230	U	260	U	490	U	470	U	250	U	230	U	240	U
4-Methyl-2-pentanone		250	U	250	U	2300	U	240	U	230	U	260	U	490	U	471	U	250	U	230	U	240	U
Acetone		250	U	250	U	2300	U	240	U	230	U	260	U	490	U	680	U	250	U	230	U	240	U
Benzene		12	U	13	U	110	U	12	U	12	U	13	U	24	U	23	U	12	U	12	U	12	U
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
Bromoform		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
Bromomethane		99	U	100	U	920	U	96	U	94	U	100	U	200	U	190	U	98	U	94	U	97	U
Carbon disulfide		99	U	100	U	920	U	96	U	94	U	100	U	200	U	190	U	98	U	94	U	97	U
Carbon tetrachloride	70	50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
Chlorobenzene		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
Chloroethane		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
Chloroform		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
Chloromethane		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
cis-1,2-Dichloroethene		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
cis-1,3-Dichloropropene		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
Cyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene		12	U	13	U	110	U	12	U	12	U	13	U	24	U	23	U	12	U	12	U	12	U
Isopropylbenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
m,p-Xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl tert-butyl ether		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene chloride		250	U	250	U	2300	U	240	U	230	U	260	U	490	U	470	U	250	U	230	U	240	U
o-xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
Tetrachloroethene	60	50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
Toluene		12	U	13	U	110	U	12	U	47	U	13	U	24	U	23	U	12	U	12	U	10	J
trans-1,2-Dichloroethene		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
trans-1,3-Dichloropropene		50	U	51	U	460	U	48	U	47	U	51	U	98	U	94	U	49	U	47	U	49	U
Trichloroethene	60	25	U	25	U	230	U	24	U	23	U	26	U	49	U	47	U	25	U	23	U	24	U
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Vinyl chloride		25	U	25	U	230	U	24	U	23	U	26	U	49	U	47	U	25	U	23	U	24	U
Xylenes, Total		25	U	25	U	230	U	24	U	23	U	26	U	49	U	47	U	25	U	23	U	24	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier
NA = Not Analyzed

Table 7-1
Round 1 Soil Confirmation Sampling Analytical Data
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Analyte	Remediation Goal	Test America SS13-32'-SOL-20161214 12/14/2016		Test America SS14-8'-SOL-20161214 12/14/2016		Test America SS14-8'-SOL-20161214-Dup 12/14/2016		Test America SS14-16'-SOL-20161214 12/14/2016		Test America SS14-16'-SOL-20161214-Dup 12/14/2016		Test America SS14-24'-SOL-20161214 12/14/2016		Test America SS14-37'-SOL-20161214 12/14/2016		Test America SS15-8'-SOL-20161214 12/14/2016		Test America SS15-16'-SOL-20161214 12/14/2016		Test America SS15-24'-SOL-20161214 12/14/2016		Test America SS15-24'-SOL-20161214-Dup 12/14/2016	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
1,1,2,2-Tetrachloroethane		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	20	99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
1,1-Dichloroethane		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
1,1-Dichloroethene	60	99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	4.6	U	52	U	53	U
1,2-Dichloropropane		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	UJ
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone		490	U	240	U	510	U	240	U	220	U	250	U	230	U	4.7	U	4.6	U	260	U	270	U
2-Hexanone		490	U	240	U	510	U	240	U	220	U	250	U	230	U	4.7	U	4.6	U	260	U	270	U
4-Methyl-2-pentanone		490	U	240	U	510	U	240	U	220	U	250	U	230	U	4.7	U	4.6	U	260	U	270	U
Acetone		490	U	1000		1200		240	U	220	U	250	U	230	U	19	U	19	U	260	U	270	U
Benzene		30		12	U	26	U	12	U	11	U	12	U	12	U	2		2.1		13	U	13	U
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
Bromoform		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
Bromomethane		200	U	95	U	200	U	98	U	89	U	100	U	92	U	1.9	U	1.8	U	100	U	110	U
Carbon disulfide		200	U	95	U	200	U	98	U	89	U	100	U	92	U	4.7	U	4.6	U	100	U	110	U
Carbon tetrachloride	70	99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
Chlorobenzene		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
Chloroethane		99	U	47	U	100	U	49	U	45	U	50	U	46	U	4.7	U	4.6	U	52	U	53	U
Chloroform		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
Chloromethane		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	4.6	U	52	U	53	U
cis-1,2-Dichloroethene		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
cis-1,3-Dichloropropene		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
Cyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene		29		12	U	26	U	12	U	11	U	12	U	12	U	1.9	U	1.8	U	13	U	13	U
Isopropylbenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
m,p-Xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl tert-butyl ether		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene chloride		490	U	240	U	510	U	240	U	220	U	250	U	230	U	4.7	U	4.6	U	260	U	270	U
o-xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
Tetrachloroethene	60	99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
Toluene		39		12	U	26	U	12	U	11	U	12	U	12	U	4.8		5.7		13	U	13	U
trans-1,2-Dichloroethene		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
trans-1,3-Dichloropropene		99	U	47	U	100	U	49	U	45	U	50	U	46	U	1.9	U	1.8	U	52	U	53	U
Trichloroethene	60	26	J	24	U	51	U	24	U	22	U	25	U	23	U	1.9	U	1.8	U	26	U	27	U
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Vinyl chloride		49	U	24	U	51	U	24	U	22	U	25	U	23	U	1.9	U	1.8	U	26	U	27	U
Xylenes, Total		110		24	U	51	U	24	U	22	U	25	U	23	U	3.8	U	3.8	U	26	U	27	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier
NA = Not Analyzed

Table 7-1
Round 1 Soil Confirmation Sampling Analytical Data
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Analyte	Remediation Goal	Test America SS15-32'-SOL-20161214 12/14/2016		Test America SS15-32'-SOL-20161214-Dup 12/14/2016		Test America SS16-8'-SOL-20161213 12/13/2016		Test America SS16-16'-SOL-20161213 12/13/2016		Test America SS16-24'-SOL-20161213 12/13/2016		Test America SS16-32'-SOL-20161213 12/13/2016		Test America SS17-8'-SOL-20161213 12/13/2016		Test America SS17-16'-SOL-20161213 12/13/2016		Test America SS17-24'-SOL-20161213 12/13/2016		Test America SS17-32'-SOL-20161213 12/13/2016		Test America SS18-8'-SOL-20161213 12/13/2016	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
1,1,2,2-Tetrachloroethane		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	20	100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
1,1-Dichloroethane		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
1,1-Dichloroethene	60	100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		100	U	100	U	50	U	47	U	51	U	550	U	4.2	U	4.8	U	4.8	U	97	U	4.1	U
1,2-Dichloropropane		100	U	100	UJ	50	UJ	47	UJ	51	UJ	550	UJ	1.7	U	1.9	U	1.9	U	97	UJ	1.6	U
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone		520	U	500	U	250	U	240	U	250	U	250	U	410		12		12		480	U	120	
2-Hexanone		520	U	500	U	250	U	240	U	250	U	2800	U	5.9		4.8	U	4.8	U	480	U	4.1	U
4-Methyl-2-pentanone		520	U	500	U	250	U	240	U	250	U	2800	U	4.2	U	4.8	U	4.8	U	480	U	4.1	U
Acetone		520	U	500	U	1500		860		260		2800	U	3100		140		53		480	U	1300	
Benzene		26	U	25	U	13	U	12	U	13	U	140	U	1.7	U	1.9	U	1.9	U	24	U	1.6	U
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
Bromoform		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
Bromomethane		210	U	200	U	100	U	95	U	100	U	1100	U	4.2	U	1.9	U	1.9	U	190	U	1.6	U
Carbon disulfide		210	UJ	200	U	100	U	95	U	100	U	1100	U	4.2	U	4.8	U	4.8	U	190	U	4.1	U
Carbon tetrachloride	70	100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
Chlorobenzene		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
Chloroethane		100	U	100	U	50	U	47	U	51	U	550	U	4.2	U	4.8	U	4.8	U	97	U	4.1	U
Chloroform		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
Chloromethane		100	U	100	U	50	U	47	U	51	U	550	U	4.2	U	4.8	U	4.8	U	97	U	4.1	U
cis-1,2-Dichloroethene		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
cis-1,3-Dichloropropene		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
Cyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene		26	U	25	U	13	U	12	U	13	U	140	U	1.7	U	1.9	U	1.9	U	24	U	1.6	U
Isopropylbenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
m,p-Xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl tert-butyl ether		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene chloride		520	U	500	U	250	U	240	U	250	U	2800	U	4.2	U	4.8	U	4.8	U	480	U	4.1	U
o-xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
Tetrachloroethene	60	67	J	110		50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	130		1.6	U
Toluene		26	U	25	U	13	U	18	U	13	U	140	U	1.7	U	1.9	U	1.9	U	24	U	1.6	U
trans-1,2-Dichloroethene		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
trans-1,3-Dichloropropene		100	U	100	U	50	U	47	U	51	U	550	U	1.7	U	1.9	U	1.9	U	97	U	1.6	U
Trichloroethene	60	52	U	50	U	25	U	24	U	25	U	280	U	1.7	U	1.9	U	1.9	U	48	U	1.6	U
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Vinyl chloride		52	U	50	U	25	U	24	U	25	U	280	U	1.7	U	1.9	U	1.9	U	48	U	1.6	U
Xylenes, Total		52	U	50	U	25	U	24	U	25	U	280	U	3.4	U	3.8	U	3.8	U	48	U	3.3	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier
NA = Not Analyzed

Table 7-1
Round 1 Soil Confirmation Sampling Analytical Data
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Analyte	Remediation Goal	Test America SS18-16'-SOL-20161213 12/13/2016		Test America SS18-24'-SOL-20161213 12/13.2016		Test America SS18-32'-SOL-20161213 12/13/2016		CLP A4-GP02A-161214 12/14/2016		CLP A4-GP03A-161214 12/14/2016		CLP A4-GP11A-161215 12/15/2016		CLP A4-GP11A-161215-D 12/15/2016		CLP A4-GP11B-161215 12/15/2016		CLP A4-GP13A-161214 12/14/2016		CLP A4-GP13B-161214 12/14/2016		CLP A4-GP14A-161214 12/14/2016		CLP A4-GP15A-161214 12/14/2016		CLP A4-GP15B-161214 12/14/2016		CLP A4-GP18A-161213 12/13/2016 15:50:00	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	1.6	U	1.6	U	53	U	5.4	UJ	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	UJ	5.3	U	5.5	U
1,1,2,2-Tetrachloroethane		1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	R	6.7	U	5.5	U	5.6	U	5.5	U	5.3	R	5.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		5.4	UJ	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	UJ	5.3	U	5.5	U
1,1,2-Trichloroethane	20	1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
1,1-Dichloroethane		1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
1,1-Dichloroethene	60	1.6	U	1.6	U	53	U	5.4	UJ	310	U	6.0	U	6.1	U	5.1	UJ	6.7	U	14		5.6	U	5.5	U	5.3	U	5.5	U
1,2,3-Trichlorobenzene		NA		NA		NA		5.4	UJ	310	U	6.0	U	6.1	U	5.1	UJ	6.7	UJ	5.5	UJ	5.6	UJ	5.5	UJ	5.3	UJ	5.5	U
1,2,4-trichlorobenzene		NA		NA		NA		5.4	UJ	310	U	6.0	U	6.1	U	5.1	UJ	6.7	UJ	5.5	UJ	5.6	UJ	5.5	UJ	5.3	UJ	5.5	U
1,2-Dibromo-3-chloropropane		NA		NA		NA		5.4	U	310	U	6.0	U	6.1	U	5.1	R	6.7	UJ	5.5	U	5.6	UJ	5.5	U	5.3	R	5.5	U
1,2-Dibromoethane		NA		NA		NA		5.4	UJ	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	UJ	5.3	U	5.5	U
1,2-Dichlorobenzene		NA		NA		NA		5.4	UJ	310	U	6.0	U	6.1	U	5.1	UJ	6.7	UJ	5.5	UJ	5.6	UJ	5.5	UJ	5.3	UJ	5.5	U
1,2-Dichloroethane		4.1	U	4.1	U	53	U	5.4	UJ	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	UJ	5.3	U	5.5	U
1,2-Dichloropropane		1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
1,3-Dichlorobenzene		NA		NA		NA		5.4	UJ	310	U	6.0	U	6.1	U	5.1	UJ	6.7	UJ	5.5	UJ	5.6	UJ	5.5	UJ	5.3	UJ	5.5	U
1,4-Dichlorobenzene		NA		NA		NA		5.4	UJ	310	U	6.0	U	6.1	U	5.1	UJ	6.7	UJ	5.5	UJ	5.6	UJ	5.5	UJ	5.3	UJ	5.5	U
2-Butanone		16		32		260	U	11	U	620	U	8.0	J	5.3	J	6.4	J	7.1	J	11	U	5.1	J	11	U	3.6	J	26	
2-Hexanone		4.1	U	4.1	U	260	U	11	U	620	U	12	U	12	U	10	U	13	U	11	U	11	U	11	U	11	U	11	U
4-Methyl-2-pentanone		4.1	U	4.1	U	260	U	11	U	620	U	12	U	12	U	10	U	13	U	11	U	11	U	11	U	11	U	11	U
Acetone		620		140		260	U	11	U	620	U	24		19		12		22		9.1	J	15		11	U	7.7	J	80	
Benzene		1.6	U	1.6	U	13	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Bromochloromethane		NA		NA		NA		5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Bromodichloromethane		1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Bromoform		1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	UJ	5.5	U	5.6	UJ	5.5	U	5.3	U	5.5	U
Bromomethane		1.6	U	1.6	U	110	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Carbon disulfide		4.1	U	4.1	U	110	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Carbon tetrachloride	70	1.6	U	1.6	U	53	U	5.4	UJ	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	UJ	5.3	U	5.5	U
Chlorobenzene		1.6	U	1.6	U	53	U	5.4	UJ	310	U	6.0	U	6.1	U	5.1	UJ	6.7	U	5.5	UJ	5.6	U	5.5	UJ	5.3	UJ	5.5	U
Chloroethane		4.1	U	4.1	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Chloroform		1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Chloromethane		4.1	U	4.1	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
cis-1,2-Dichloroethene		1.6	U	1.6	U	53	U	5.4	UJ	310	U	6.0	U	6.1	U	5.1	UJ	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
cis-1,3-Dichloropropene		1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Cyclohexane		NA		NA		NA		5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Dibromochloromethane		1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Dichlorodifluoromethane		NA		NA		NA		5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Ethylbenzene		1.6	U	1.6	U	13	U	5.4	U	380		6.0	U	6.1	U	2.8	J	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Isopropylbenzene		NA		NA		NA		5.4	U	140	J	6.0	U	6.1	U	8.9		6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
m,p-Xylene		NA		NA		NA		5.4	U	1700		1.9	J	1.3	J	16		6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Methyl Acetate		NA		NA		NA		5.4	UJ	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	UJ	5.3	U	5.5	U
Methyl tert-butyl ether		NA		NA		NA		5.4	UJ	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	UJ	5.3	U	5.5	U
Methylcyclohexane		NA		NA		NA		5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	94	J+	5.6	U	5.5	U	5.3		5.5	U
Methylene chloride		4.1	U	4.1	U	260	U	5.4	UJ	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	UJ	5.3	U	5.5	U
o-xylene		NA		NA		NA		5.4	U	1300		1.2	J	6.1	U	12		6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Styrene		1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Tetrachloroethene	60	1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	1.5	J	6.7	U	150	J+	5.6	U	5.5	U	9.7		5.5	U
Toluene		1.6	U	1.6	U	13	U	5.4	U	310	U	8.5		2.2	J	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	1.7	J	5.5	U
trans-1,2-Dichloroethene		1.6	U	1.6	U	535	U	5.4	UJ	310	U	6.0	U	6.1	U	5.1	UJ	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
trans-1,3-Dichloropropene		1.6	U	1.6	U	53	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Trichloroethene	60	1.6	U	1.6	U	26	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	3.9	J+	5.6	U	5.5	U	5.3	U	5.5	U
Trichlorofluoromethane		NA		NA		NA		5.4	UJ	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	UJ	5.3	U	5.5	U
Vinyl chloride		1.6	U	1.6	U	26	U	5.4	U	310	U	6.0	U	6.1	U	5.1	U	6.7	U	5.5	U	5.6	U	5.5	U	5.3	U	5.5	U
Xylenes, Total		3.3	U	3.3	U	26	U	10.8	U	3000		3.1	J	1.3	J	28		13.4	U	11	U	13.2	U	11	U	10.6	U	11	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier
NA = Not Analyzed

Table 7-2
Round 2 Soil Confirmation Sampling Analytical Data
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Analyte Remediation Goal		STAT A4-GP01A-170117 01/17/2017		STAT A4-GP03A-170116 01/16/2017		STAT A4-GP06A-170117 01/17/2017		STAT A4-GP08A-170117 1/17/2017		STAT A4-GP09A-170116 1/16/2017		STAT A4-GP15L-170116 1/16/2017		STAT A4-GP15L-170116D 1/16/2017		Test America SS1-37'-SOL-20170117 01/17/2017		Test America SS3-32'-SOL-20170116 01/16/2017		Test America SS8-37'-SOL-20170117 1/17/2017		Test America SS9-32'-SOL-20170116 01/16/2017		Test America SS15-32'-SOL-2017 1/16/2017		Test America SS17-32'-SOL-20170116 1/16/2017		Test America SS17-32'-SOL-20170116-DUP 1/16/2017	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
1,1,2,2-Tetrachloroethane		260	U	250	U	260	U	280	U	5.2	UJ	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	20	260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
1,1-Dichloroethane		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
1,1-Dichloroethene	60	260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
1,2-Dichloropropane		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone		4000	UJ	3800	U	4000	UJ	4100	UJ	77	U	79	U	75	U	490	U	470	U	460	U	440	U	260	U	230	U	230	U
2-Hexanone		1100	U	1000	U	1100	U	1100	U	21	U	21	U	20	U	490	U	470	U	460	U	440	U	260	U	230	U	230	U
4-Methyl-2-pentanone		1100	U	1000	U	1100	U	1100	U	21	U	21	U	20	U	490	U	470	U	460	U	440	U	260	U	230	U	230	U
Acetone		4000	UJ	3800	U	4000	UJ	4100	UJ	77	U	79	U	75	U	490	U	470	U	460	U	440	U	260	U	230	U	230	U
Benzene		260	U	250	U	260	U	280	U	5.2	UJ	5.2	U	4.9	U	24	U	24	U	23	U	22	U	13	U	12	U	11	U
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
Bromoform		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
Bromomethane		520	U	510	U	540	U	550	UJ	10	U	10	U	10	U	190	U	190	U	180	U	180	U	100	U	93	U	92	U
Carbon disulfide		2600	U	2800	U	11		2800	U	0.45	J	0.58	J	0.53	J	190	U	190	U	180	U	180	U	100	U	93	U	92	U
Carbon tetrachloride	70	260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
Chlorobenzene		260	U	250	U	260	U	280	U	5.2	UJ	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
Chloroethane		520	U	510	U	540	U	550	UJ	10	U	10	U	10	U	97	UJ	95	UJ	91	UJ	88	UJ	52	UJ	46	UJ	46	UJ
Chloroform		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	190	U	190	U	180	U	180	U	100	U	93	U	92	U
Chloromethane		520	U	510	U	540	U	550	U	10	U	10	U	10	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
cis-1,2-Dichloroethene		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
cis-1,3-Dichloropropene		110	U	100	U	110	U	110	U	2.1	U	2.1	U	2	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
Cyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene		260	U	250	U	380		280	U	16	J-	5.2	U	4.9	U	97	U	24	U	23	U	76	J+	13	U	12	U	11	U
Isopropylbenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
m,p-Xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl tert-butyl ether		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	NA		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene chloride		520	U	510	U	540	U	550	U	15	U	16	U	15	U	490	U	470	U	460	U	440	U	260	U	230	U	230	U
o-xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
Tetrachloroethene	60	740		250	U	210		280	U	11		5.2	U	4.9	U	1700		95	U	91	U	77	J	52	U	46	U	46	U
Toluene		260	U	250	U	29		280	U	1.3	J-	1.8	J	4.9	U	24	U	24	U	23	U	22	U	14		12	U	11	U
trans-1,2-Dichloroethene		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
trans-1,3-Dichloropropene		110	U	100	U	110	U	110	U	2.1	U	2.1	U	2	U	97	U	95	U	91	U	88	U	52	U	46	U	46	U
Trichloroethene	60	260	U	250	U	120		23		5.2	U	5.2	U	4.9	U	49	U	47	U	46	U	44	U	26	U	23	U	23	U
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Vinyl chloride		260	U	250	U	260	U	280	U	5.2	U	5.2	U	4.9	U	49	U	47	U	46	U	44	U	26	U	23	U	23	U
Xylenes, Total		28		760	U	2600		830	U	120	J-	0.91	J	15	U	49	U	47	U	46	U	770	J+	26	U	23	U	23	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier
NA = Not Analyzed

Table 7-2
Round 2 Soil Confirmation Sampling Analytical Data
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Analyte Remediation Goal		Test America SS6-32'-SOL-20170117 1/17/2017		Test America Trip Blank (ug/L) 01/16/2017		CLP A4-GP01A-170117 1/17/2017		CLP A4-GP03A-170116 1/16/2017		CLP A4-GP06A-170117 1/17/2017		CLP A4-GP06A-170117-D 1/17/2017		CLP A4-GP08A-170117 1/17/2017		CLP A4-GP09A-170116 1/16/2017		CLP A4-GP15C-170116 1/16/2017		CLP A4-GP17A-170116 1/16/2017	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	q	Result	Q
1,1,1-Trichloroethane	9118	96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
1,1,2,2-Tetrachloroethane		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
1,1,2-Trichloroethane	20	9	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
1,1-Dichloroethane		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
1,1-Dichloroethene	60	96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
1,2,3-Trichlorobenzene		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	UJ	5.4	U
1,2,4-trichlorobenzene		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	UJ	5.4	U
1,2-Dibromo-3-chloropropane		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
1,2-Dibromoethane		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
1,2-Dichlorobenzene		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	UJ	5.4	U
1,2-Dichloroethane		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
1,2-Dichloropropane		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
1,3-Dichlorobenzene		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	UJ	5.4	U
1,4-Dichlorobenzene		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	UJ	5.4	U
2-Butanone		480	U	5	U	650	U	640	U	590	U	600	U	650	U	550	U	10	U	11	U
2-Hexanone		480	U	5	U	650	U	640	U	590	U	600	U	650	U	550	U	10	U	11	U
4-Methyl-2-pentanone		480	U	5	U	650	U	640	U	590	U	600	U	650	U	550	U	10	U	11	U
Acetone		480	U	6.1		650	U	640	U	590	U	600	U	650	U	550	U	7.2	J	8.1	J
Benzene		24	U	0.5	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Bromochloromethane		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Bromodichloromethane		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Bromoform		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Bromomethane		190	U	2	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Carbon disulfide		190	U	2	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Carbon tetrachloride	70	96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Chlorobenzene		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	UJ	5.4	U
Chloroethane		96	UJ	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Chloroform		190	U	2	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Chloromethane		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
cis-1,2-Dichloroethene		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
cis-1,3-Dichloropropene		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Cyclohexane		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Dibromochloromethane		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Dichlorodifluoromethane		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Ethylbenzene		1000	J+	0.5	U	320	U	320	U	460		510		320	U	280	U	5.2	U	5.4	U
Isopropylbenzene		NA		NA		660		140	J	280	J	330		1000		280	U	5.2	U	5.4	U
m,p-Xylene		NA		NA		320	U	320	U	2200		2600		320	U	130	J	5.2	U	5.4	U
Methyl Acetate		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Methyl tert-butyl ether		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Methylcyclohexane		NA		NA		230	J	320	U	72	J	83	J	400		280	U	5.2	U	5.4	U
Methylene chloride		480	U	5	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
o-xylene		NA		NA		320	U	320	U	1200		1400		320	U	80	J	5.2	U	5.4	U
Styrene		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Tetrachloroethene	60	520		1	U	1100		320	U	220	J	250	J	320	U	280	U	5.2	U	5.4	U
Toluene		100	J+	0.5	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
trans-1,2-Dichloroethene		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
trans-1,3-Dichloropropene		96	U	1	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Trichloroethene	60	84		0.5	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Trichlorofluoromethane		NA		NA		320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Vinyl chloride		48	U	0.5	U	320	U	320	U	290	U	300	U	320	U	280	U	5.2	U	5.4	U
Xylenes, Total		7800	J+	1	U	640	U	640	U	3400		4000		640	U	210	U	10.4	U	10.8	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier
NA = Not Analyzed

Table 7-3
Round 3 Soil Confirmation Sampling Analytical Data
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Remediation		STAT		STAT		STAT		STAT		Test America		Test America		Test America		Test America		Test America	
		A4-GP06A-170216 2/16/2017		A4-GP06A-170216D 2/16/2017		A4-GP01A-170216 2/16/2017		A4-GP09A-170216 2/16/2017		SS6-32'-SOL-20170216 2/16/2017		SS1-37'-SOL-20170216 2/16/2017		SS1-37'-SOL-20170216-Dup 2/16/2017		SS9-32'-SOL-20170216 2/16/2017		Trip Blank (ug/L) 2/16/2017	
Analyte	Goal	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
1,1,2,2-Tetrachloroethane		5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	20	5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
1,1-Dichloroethane		5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
1,1-Dichloroethene	60	5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-trichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
1,2-Dichloropropane		5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Butanone		85	U	75	U	80	U	79	U	230	U	470	U	230	U	230	U	5	U
2-Hexanone		23	U	20	U	21	U	21	U	230	U	470	U	230	U	230	U	5	U
4-Methyl-2-pentanone		23	U	20	U	21	U	21	U	230	U	470	U	230	U	230	U	5	U
Acetone		14		20		11		7.7		230	U	470	U	230	U	230	U	5	U
Benzene		5.7	U	5	U	5.3	UJ	5.3	U	12	U	24	U	11	U	12	U	0.5	U
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
Bromoform		5.7	U	5	U	5.3	U	5.3	UJ	46	U	94	U	46	U	46	U	1	U
Bromomethane		11	U	10	U	11	U	11	U	92	U	190	U	92	U	92	U	2	U
Carbon disulfide		0.59		0.97		3.2		0.28		92	U	190	U	92	U	92	U	2	U
Carbon tetrachloride	70	5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
Chlorobenzene		5.7	U	5	U	5.3	UJ	5.3	U	46	U	94	U	46	U	46	U	1	U
Chloroethane		11	U	10	U	11	U	11	U	46	U	94	U	46	U	46	U	1	U
Chloroform		5.7	U	5	U	5.3	U	5.3	U	92	U	190	U	92	U	92	U	2	U
Chloromethane		11	U	10	U	11	U	11	U	46	U	94	U	46	U	46	U	1	U
cis-1,2-Dichloroethene		5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
cis-1,3-Dichloropropene		2.3	U	2	U	2.1	U	2.1	U	46	U	94	U	46	U	46	U	1	U
Cyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene		5.7	U	5	U	5.3	UJ	5.3	U	12	U	24	U	11	U	12	U	0.5	U
Isopropylbenzene		NA		NA		NA		NA		NA		NA		NA		NA		NA	
m,p-Xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methyl tert-butyl ether		5.7	U	5	U	5.3	U	5.3	U	NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Methylene chloride		11	U	10	U	11	U	11	U	230	U	470	U	230	U	230	U	5	U
o-xylene		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Styrene		5.7	U	5	U	5.3	U	5.3	UJ	46	U	94	U	46	U	46	U	1	U
Tetrachloroethene	60	5.7	U	5	U	3		5.3	U	46	U	94	U	46	U	46	U	1	U
Toluene		5.7	U	5.7	U	5.7	UJ	5.7	U	12	U	24	U	11	U	12	U	0.5	U
trans-1,2-Dichloroethene		5.7	U	5	U	5.3	U	5.3	U	46	U	94	U	46	U	46	U	1	U
trans-1,3-Dichloropropene		2.3	U	2	U	2.1	U	2.1	U	46	U	94	U	46	U	46	U	1	U
Trichloroethene	60	5.7	U	5	U	5.3	U	5.3	U	23	U	47	U	23	U	23	U	0.5	U
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA		NA		NA		NA	
Vinyl chloride		5.7	U	5	U	5.3	U	5.3	U	23	U	47	U	23	U	23	U	0.5	U
Xylenes, Total		17	U	15	U	16	UJ	16	UJ	23	U	47	U	23	U	23	U	1	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier
NA = Not Analyzed

Table 7-3
Round 3 Soil Confirmation Sampling Analytical Data
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Remediation		CLP		CLP		CLP		CLP	
		A4-GP01A-170216 2/16/2017		A4-GP06A-170216 2/16/2017		A4-GP06A-170216-D 2/16/2017		A4-GP09A-170216 2/16/2017	
Analyte	Goal	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	5.6	U	5.3	U	5.5	U	5.4	U
1,1,2,2-Tetrachloroethane		5.6	U	5.3	U	5.5	U	5.4	U
1,1,2-Trichloro-1,2,2-trifluoroethane		5.6	U	5.3	U	5.5	U	5.4	U
1,1,2-Trichloroethane	20	5.6	U	5.3	U	5.5	U	5.4	U
1,1-Dichloroethane		5.6	U	5.3	U	5.5	U	5.4	U
1,1-Dichloroethene	60	5.6	U	5.3	U	5.5	UJ	5.4	U
1,2,3-Trichlorobenzene		5.6	UJ	5.3	U	5.5	U	5.4	U
1,2,4-trichlorobenzene		5.6	UJ	5.3	U	5.5	U	5.4	U
1,2-Dibromo-3-chloropropane		5.6	U	5.3	U	5.5	U	5.4	U
1,2-Dibromoethane		5.6	U	5.3	U	5.5	U	5.4	U
1,2-Dichlorobenzene		5.6	UJ	5.3	U	5.5	U	5.4	U
1,2-Dichloroethane		5.6	U	5.3	U	5.5	U	5.4	U
1,2-Dichloropropane		5.6	U	5.3	U	5.5	U	5.4	U
1,3-Dichlorobenzene		5.6	UJ	5.3	U	5.5	U	5.4	U
1,4-Dichlorobenzene		5.6	UJ	5.3	U	5.5	U	5.4	U
2-Butanone		11	U	11	U	11	U	11	U
2-Hexanone		11	U	11	U	11	U	11	U
4-Methyl-2-pentanone		11	U	11	U	11	U	11	U
Acetone		7.4	J	17		11	U	11	U
Benzene		5.6	U	5.3	U	5.5	U	5.4	U
Bromochloromethane		5.6	U	5.3	U	5.5	U	5.4	U
Bromodichloromethane		5.6	U	5.3	U	5.5	U	5.4	U
Bromoform		5.6	U	5.3	U	5.5	U	5.4	U
Bromomethane		5.6	U	5.3	U	5.5	U	5.4	U
Carbon disulfide		5.6	U	5.3	U	5.5	U	5.4	U
Carbon tetrachloride	70	5.6	U	5.3	U	5.5	U	5.4	U
Chlorobenzene		5.6	UJ	5.3	U	5.5	U	5.4	U
Chloroethane		5.6	U	5.3	U	5.5	U	5.4	U
Chloroform		5.6	U	5.3	U	5.5	U	5.4	U
Chloromethane		5.6	U	5.3	U	5.5	U	5.4	U
cis-1,2-Dichloroethene		5.6	U	5.3	U	5.5	UJ	5.4	U
cis-1,3-Dichloropropene		5.6	U	5.3	U	5.5	U	5.4	U
Cyclohexane		5.6	U	5.3	U	5.5	U	5.4	U
Dibromochloromethane		5.6	U	5.3	U	5.5	U	5.4	U
Dichlorodifluoromethane		5.6	U	5.3	U	5.5	U	5.4	U
Ethylbenzene		5.6	U	5.3	U	5.5	U	5.4	U
Isopropylbenzene		120		5.3	U	5.5	U	5.4	U
m,p-Xylene		5.6	U	5.3	U	5.5	U	5.4	U
Methyl Acetate		5.6	U	5.3	U	5.5	U	5.4	U
Methyl tert-butyl ether		5.6	U	5.3	U	5.5	U	5.4	U
Methylcyclohexane		5.6	U	5.3	U	5.5	U	5.4	U
Methylene chloride		5.6	U	5.3	U	5.5	U	5.4	U
o-xylene		5.6	U	5.3	U	5.5	U	5.4	U
Styrene		5.6	U	5.3	U	5.5	U	5.4	U
Tetrachloroethene	60	5.6	U	5.3	U	5.5	U	5.4	U
Toluene		5.6	U	5.3	U	5.5	U	5.4	U
trans-1,2-Dichloroethene		5.6	U	5.3	U	5.5	UJ	5.4	U
trans-1,3-Dichloropropene		5.6	U	5.3	U	5.5	U	5.4	U
Trichloroethene	60	5.6	U	5.3	U	5.5	U	5.4	U
Trichlorofluoromethane		5.6	U	5.3	U	5.5	U	5.4	U
Vinyl chloride		5.6	U	5.3	U	5.5	U	5.4	U
Xylenes, Total		11.2	U	10.8	U	11	U	10.8	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier
NA = Not Analyzed

Table 7-4
Round 1 Split Soil Confirmation Samples Comparison
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Analyte	Remediation Goal	STAT A4-GP01A-161215		Test America SS1-37'		CLP A4-GP02A-161214		Test America SS2-37'-SOL-20161214		CLP A4-GP03A-161214		Test America SS3-32'-SOL-20161214		STAT A4-GP08A-161215		STAT A4-GP08A-161215D A4-GP08A-161215 FD	
		N 12/15/2016		N 12/15/2016		N 12/14/2016		N 12/14/2016		N 12/14/2016		N 12/14/2016		N 12/15/2016		N 12/15/2016	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	280	U	510	U	5.4	UJ	1.9	U	310	U	460	U	330		300	U
1,1,2-Trichloroethane	20	280	U	510	U	5.4	U	1.9	U	310	U	460	U	280	U	300	U
1,1-Dichloroethene	60	280	U	510	U	5.4	UJ	1.9	U	310	U	420	J	280	U	300	U
Carbon tetrachloride	70	280	U	510	U	5.4	UJ	1.9	U	310	U	460	U	280	U	300	U
Tetrachloroethene	60	740		560		5.4	U	1.9	U	310	U	460	U	540		500	
Trichloroethene	60	280	U	250	U	5.4	U	1.9	U	310	U	23	U	280	U	300	U

Analyte	Remediation Goal	Test America SS8-37'		STAT A4-GP09A-161215		Test America SS9-32'		STAT A4-GP11A-161215		Test America SS11-24'		CLP A4-GP11A-161215		CLP A4-GP11A-161215-D A4-GP11A-161215 FD		STAT A4-GP11B-161215	
		N 12/15/2016		N 12/15/2016		N 12/15/2016		N 12/15/2016		N 12/15/2016		N 12/15/2016		N 12/15/2016		N 12/15/2016	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	400	J	5.5	U	99	U	5.8	U	51	U	6.0	U	6.1	U	5.7	U
1,1,2-Trichloroethane	20	490	U	5.5	U	99	U	5.8	U	51	U	6.0	U	6.1	U	5.7	U
1,1-Dichloroethene	60	490	U	15		99	U	5.8	U	51	U	6.0	U	6.1	U	5.7	U
Carbon tetrachloride	70	490	U	5.5	U	99	U	5.8	U	51	U	6.0	U	6.1	U	5.7	U
Tetrachloroethene	60	440	J	77		86	J	5.8	U	51	U	6.0	U	6.1	U	5.7	U
Trichloroethene	60	250	U	25		49	U	5.8	U	25	U	6.0	U	6.1	U	5.7	U

Analyte	Remediation Goal	Test America SS11-32' 12/15/2016		CLP A4-GP11B-161215 12/15/2016		STAT A4-GP12A-161215 12/15/2016		Test America SS12-24' 12/15/2016		STAT A4-GP13A-161214 12/14/2016		Test America SS13-24'-SOL-20161214 12/14/2016		CLP A4-GP13A-161214 12/14/2016		STAT A4-GP13B-161214 12/14/2016	
		N 12/15/2016		N 12/15/2016		N 12/15/2016		N 12/15/2016		N 12/14/2016		N 12/14/2016		N 12/14/2016		N 12/14/2016	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	460	U	5.1	U	5.4	U	51	U	6	U	49	U	6.7	U	5.7	U
1,1,2-Trichloroethane	20	460	U	5.1	U	5.4	U	51	U	6	U	49	U	6.7	U	5.7	U
1,1-Dichloroethene	60	460	U	5.1	UJ	5.4	U	51	U	6	U	49	U	6.7	U	5.7	U
Carbon tetrachloride	70	460	U	5.1	U	5.4	UJ	51	U	6	U	49	U	6.7	U	5.7	U
Tetrachloroethene	60	460	U	1.5	J	5.4	U	51	U	6	U	49	U	6.7	U	5.7	U
Trichloroethene	60	230	U	5.1	U	5.4	U	26	U	6	U	24	U	6.7	U	5.7	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier

Table 7-4
Round 1 Split Soil Confirmation Samples Comparison
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Analyte	Remediation Goal	Test America SS13-32'-SOL-20161214		CLP A4-GP13B-161214		STAT A4-GP14A-161214		Test America SS14-24'-SOL-20161214		CLP A4-GP14A-161214		STAT A4-GP14B-161214		Test America SS14-37'-SOL-20161214	
		N 12/14/2016		N 12/14/2016		N 12/14/2016		N 12/14/2016		N 12/14/2016		N 12/14/2016		N 12/14/2016	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	99	U	5.5	U	5.5	U	50	U	5.6	U	290	U	46	U
1,1,2-Trichloroethane	20	99	U	5.5	U	5.5	U	50	U	5.6	U	290	U	46	U
1,1-Dichloroethene	60	99	U	14		5.5	U	50	U	5.6	U	290	U	46	U
Carbon tetrachloride	70	99	U	5.5	U	5.5	U	50	U	5.6	U	290	U	46	U
Tetrachloroethene	60	99	U	150	J+	5.5	U	50	U	5.6	U	290	U	46	U
Trichloroethene	60	26	J	3.9	J+	5.5	U	25	U	5.6	U	290	U	23	U

Analyte	Remediation Goal	Test America SS15-16'-SOL-20161214		CLP A4-GP15A-161214		Test America SS15-32'-SOL-20161214		Test America SS15-32'-SOL-20161214-Dup SS15-32'-SOL-20161214 FD		CLP A4-GP15B-161214		Test America SS18-24'-SOL-20161213		CLP A4-GP18A-161213	
		N 12/14/2016		N 12/14/2016		N 12/14/2016		N 12/14/2016		N 12/14/2016		N 12/13.2016		N 12/13/2016	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	1.8	U	5.5	UJ	100	U	100	U	5.3	U	1.6	U	5.5	U
1,1,2-Trichloroethane	20	1.8	U	5.5	U	100	U	100	U	5.3	U	1.6	U	5.5	U
1,1-Dichloroethene	60	1.8	U	5.5	U	100	U	100	U	5.3	U	1.6	U	5.5	U
Carbon tetrachloride	70	1.8	U	5.5	UJ	100	U	100	U	5.3	U	1.6	U	5.5	U
Tetrachloroethene	60	1.8	U	5.5	U	67	J	110		9.7		1.6	U	5.5	U
Trichloroethene	60	1.8	U	5.5	U	52	U	50	U	5.3	U	1.6	U	5.5	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier

Table 7-5
Round 2 Split Soil Confirmation Samples Comparison
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Analyte	Remediation Goal	STAT A4-GP01A-170117 01/17/2017		Test America SS1-37'-SOL-20170117 01/17/2017		CLP A4-GP01A-170117 01/17/2017		STAT A4-GP03A-170116 01/16/2017		Test America SS3-32'-SOL-20170116 01/16/2017		CLP A4-GP03A-170116 01/16/2017		STAT A4-GP06A-170117 01/17/2017		Test America SS6-32'-SOL-20170117 1/17/2017		CLP A4-GP06A-170117 01/17/2017		CLP A4-GP06A-170117-D 1/17/2017		STAT A4-GP08A-170117 1/17/2017		Test America SS8-37'-SOL-20170117 1/17/2017		CLP A4-GP08A-170117 1/17/2017	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	260	U	97	U	320	U	250	U	95	U	320	U	260	U	96	U	290	U	300	U	280	U	91	U	320	U
1,1,2-Trichloroethane	20	260	U	97	U	320	U	250	U	95	U	320	U	260	U	9	U	290	U	300	U	280	U	91	U	320	U
1,1-Dichloroethene	60	260	U	97	U	320	U	250	U	95	U	320	U	260	U	96	U	290	U	300	U	280	U	91	U	320	U
Carbon tetrachloride	70	260	U	97	U	320	U	250	U	95	U	320	U	260	U	96	U	290	U	300	U	280	U	91	U	320	U
Tetrachloroethene	60	740		1700		1100		250	U	95	U	320	U	210		520		220	J	250	J	280	U	91	U	320	U
Trichloroethene	60	260	U	49	U	320	U	250	U	47	U	320	U	120		84		290	U	300	U	23		46	U	320	U

Analyte	Remediation Goal	STAT A4-GP09A-170116 1/16/2017		Test America SS9-32'-SOL-20170116 01/16/2017		CLP A4-GP09A-170116 1/16/2017		STAT A4-GP15L-170116 1/16/2017		Test America SS15-32'-SOL-2017 1/16/2017		CLP A4-GP15C-170116 1/16/2017		Test America SS17-32'-SOL-20170116 1/16/2017		Test America SS17-32'-SOL-20170116-DUP 1/16/2017		CLP A4-GP17A-170116 01/16/2017	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	5.2	U	88	U	280	U	5.2	U	4.9	U	52	U	5.2	U	46	U	46	U
1,1,2-Trichloroethane	20	5.2	U	88	U	280	U	5.2	U	4.9	U	52	U	5.2	U	46	U	46	U
1,1-Dichloroethene	60	5.2	U	88	U	280	U	5.2	U	4.9	U	52	U	5.2	U	46	U	46	U
Carbon tetrachloride	70	5.2	U	88	U	280	U	5.2	U	4.9	U	52	U	5.2	U	46	U	46	U
Tetrachloroethene	60	11		77	J	280	U	5.2	U	4.9	U	52	U	5.2	U	46	U	46	U
Trichloroethene	60	5.2	U	44	U	280	U	5.2	U	4.9	U	26	U	5.2	U	23	U	23	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier

Table 7-6
Round 3 Split Soil Confirmation Samples Comparison
Souce Area 4 Soil Component RA
Southeast Rockford Groundwater Contamination Superfund Site

Analyte	Remediation Goal	STAT A4-GP01A-170216 02/16/2017		Test America SS1-37'-SOL-20170216 02/16/2017		SS1-37'-SOL-20170216-Dup 2/16/2017		CLP A4-GP01A-170216 02/16/2017		STAT A4-GP06A-170216 02/16/2017		A4-GP06A-170216D 02/16/2017		Test America SS6-32'-SOL-20170216 02/16/2017		CLP A4-GP06A-170216 02/16/2017		A4-GP06A-170216-D 02/16/2017		STAT A4-GP09A-170216 02/16/2017		Test America SS9-32'-SOL-20170216 02/16/2017		CLP A4-GP09A-170216 02/16/2017	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	9118	5.3	U	94	U	46	U	5.6	U	5.7	U	5	U	46	U	5.3	U	5.5	U	5.3	U	46	U	5.4	U
1,1,2-Trichloroethane	20	5.3	U	94	U	46	U	5.6	U	5.7	U	5	U	46	U	5.3	U	5.5	U	5.3	U	46	U	5.4	U
1,1-Dichloroethene	60	5.3	U	94	U	46	U	5.6	U	5.7	U	5	U	46	U	5.3	U	5.5	U	5.3	U	46	U	5.4	U
Carbon tetrachloride	70	5.3	U	94	U	46	U	5.6	U	5.7	U	5	U	46	U	5.3	U	5.5	U	5.3	U	46	U	5.4	U
Tetrachloroethene	60	3		94	U	46	U	5.6	U	5.7	U	5	U	46	U	5.3	U	5.5	U	5.3	U	46	U	5.4	U
Trichloroethene	60	5.3	U	47	U	23	U	5.6	U	5.7	U	5	U	23	U	5.3	U	5.5	U	5.3	U	23	U	5.4	U

Notes:
All results in micrograms per kilogram
Shaded results exceed remediation goal
U = Not detected at value shown
J = Estimated result
Q = Qualifier

Attachment B

**Long-Term Remedial Completion Report, 4, Southeast Rockford
Groundwater Contamination Superfund Site, September 2019**

**Excerpt
(Table 5-2)**

Table 5-2
Source Area 4 GMZ Summary of Detections (2010 - 2018)
Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID Station Location Interval (ft. bgs) Date	E3WP2 A4-EW001 25 - 42 2/11/2010	E5279 A4-EW001 25 - 42 6/14/2010	E52L9 A4-EW001 25 - 42 7/20/2011	E52P7 A4-EW001 25 - 42 10/11/2011	E52R3 A4-EW001 25 - 42 1/11/2012	E3X98 A4-EW001 25 - 42 7/26/2012	E3Y53 A4-EW001 25 - 42 5/30/2017	E3Y77 A4-EW001 25 - 42 11/14/2017	180522 A4-EW001 25 - 42 5/22/2018
Analyte Name	RG								
1,1,1-Trichloroethane	200	34	15	14	8.9	7.9	14	7.5	5.3
1,1-Dichloroethane	1400	8.9	4.5	5.3	3.2J	4.2J	5.4	5.9J	6.7
1,1-Dichloroethene	7	0.5U	1.3	2J	5U	5U	5U	1.6	0.56
Benzene	5	0.5U	0.5U	0.41J	5U	5U	5U	0.5U	0.5U
cis-1,2-Dichloroethene	70	5.6	2.9	3.2J	5U	2.5J	2.4J	1.7	1.3
Tetrachloroethene	5	0.49J	0.35J	0.4J	5U	5U	0.51J	0.42J	0.31J
Toluene	1000	0.5U	0.5U	5U	3.1J	5.8	5U	0.5U	0.5U
trans-1,2-Dichloroethene	100	0.25J	0.5U	5U	5U	5U	0.23J	0.22J	0.18J
Trichloroethene	5	3	1.7	2.1J	5U	1.2J	1.6J	1.3	1.2
Trichlorofluoromethane (Freon 11)	2100	0.14J	0.5U	5U	5U	5U	5U	0.5U	0.5U

EPA Sample ID	E3WP3	E5280	E52B0	E52F3	E52H5	E52M0	E52P8	E52R4	E3X99	E3XD9	E3XH8	E3XK7	E3XN6	E3XS1	E3XW0	E3XX8	E3Y54	E3Y75	180522	
Station Location	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	A4-EW002	
Interval (ft. bgs)	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	25 - 43	
Date	2/11/2010	6/14/2010	10/7/2010	1/12/2011	4/18/2011	7/19/2011	10/11/2011	1/11/2012	7/26/2012	1/16/2013	7/22/2013	12/17/2013	5/21/2014	12/16/2014	5/19/2015	4/6/2016	5/30/2017	11/14/2017	5/22/2018	
Analyte Name	RG																			
1,1,1-Trichloroethane	200	250D	93	280J	77	39	77	31	26	65	23	46D	32D	27D	64D	84D	73D	5.9	7.4	6.1
1,1-Dichloroethane	1400	14	7.9	15	7.4	7.1	9.1	4.8J	5.9	7.6	6	6	3.1	7.6	12	18D	11	12J	9.9	8.1
1,1-Dichloroethene	7	4.7J	2.4J	5U	1.5J	5U	3.1J	5U	5U	5U	5U	7	0.29J	1.2	1.8	1.7	0.5UJ	6.1	1.7	1.1
1,4-Dichlorobenzene	75	0.5U	0.5U	5U	0.45J	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5UJ	0.5U	0.5U	0.5U
1,4-Dioxane	7.7	NA	NA	8J	100R	100R	100R	100U	100R	100R	100U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.2*	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.57	0.43J	0.13J	0.5U	0.5U
cis-1,2-Dichloroethene	70	5.5J	3.5J	6	3.5J	4.2J	3.2J	5U	2.4J	2.3J	5U	1.2	0.43J	1.5	2.1	2.5JD	1.5J	1.9	2.1	1.6
Dichlorodifluoromethane (Freon 12)	1400*	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.11J	0.5U	0.5U	0.5U
Isopropyl Benzene	700	0.16J	0.22	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Tetrachloroethene	5	0.88	0.62	0.82J	0.58J	5U	0.64J	5U	5U	0.62J	5U	0.32J	0.5U	0.39J	0.59	0.44J	0.43J	0.63	0.42J	0.45J
trans-1,2-Dichloroethene	100	0.24J	0.2J	5U	0.3J	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.13J	0.34J	0.5U	0.17J	0.27J	0.27J	0.23J
Trichloroethene	5	3.3	1.8	3.6J	2.7J	2.8J	2.4J	5U	1.4J	1.8J	5U	0.94	0.25J	1.1	1.4	1.4	1.1	1.3	1.4	1.4
Xylene (Total)	10,000	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.24J	0.5U	0.5U

EPA Sample ID Station Location Interval (ft. bgs) Date		E3WP4 A4-EW003 25 - 42 2/11/2010	E5281 A4-EW003 25 - 42 6/14/2010	E52B1 A4-EW003 25 - 42 10/7/2010	E52F4 A4-EW003 25 - 42 1/12/2011	E52H6 A4-EW003 25 - 42 4/18/2011	E52M1 A4-EW003 25 - 42 7/19/2011	E52P9 A4-EW003 25 - 42 10/11/2011	E52R5 A4-EW003 25 - 42 1/11/2012	E3XA0 A4-EW003 25 - 42 7/26/2012	E3XE0 A4-EW003 25 - 42 1/16/2013	E3XH9 A4-EW003 25 - 42 7/22/2013	E3XK8 A4-EW003 25 - 42 12/17/2013	E3XN7 A4-EW003 25 - 42 5/21/2014	E3XS2 A4-EW003 25 - 42 12/16/2014	E3XW1 A4-EW003 25 - 42 5/19/2015	E3Y14 A4-EW003 25 - 42 10/3/2016	E3Y55 A4-EW003 25 - 42 5/30/2017	E3Y76 A4-EW003 25 - 42 11/14/2017	180522 A4-EW003 25 - 42 5/22/2018
Analyte Name	RG																			
1,1,1-Trichloroethane	200	2400D	910D	1500J	1900D	2900	1200	740	710	670D	260D	370D	310	190	52D	160	210D	6.1	6.1	4
1,1,2-Trichloroethane	5	8.6J	1.2	2.1J	1.2J	500U	10U	5U	10U	5U	5U	10U	5U	10U	0.15J	5U	5U	5U	5U	0.5U
1,1-Dichloroethane	1400	130	41J	42	35	500U	23	13	22	15	13	22	30	19	8.4D	24	59	11	8.6	5.6
1,1-Dichloroethene	7	13U	45J	26	8.7J	81J	27	5U	10U	3.4J	5U	3.6J	10 U	5.4	3.2	5U	5U	7.1	5U	1.3
1,4-Dioxane	7.7	NA	NA	7.5J	200R	10000R	200R	100U	200R	100R	100U	100U	200R	100R	NA	100U	NA	NA	NA	NA
2-Butanone	4200*	130U	500U	100J	20U	1000U	20U	10U	20U	10U	10U	10U	30U	10U	5U	10U	3.3J	10U	10U	5U
Acetone	6300*	130U	500U	20UJ	20U	1000U	40U	10U	20U	20U	10U	10U	20U	10U	5U	10U	2.6J	2.1J	10U	5U
Carbon Tetrachloride	5	13U	0.5U	5U	10U	500U	10U	5U	10U	5U	5U	5U	10U	5U	0.5U	20	5U	5U	5U	0.5U
cis-1,2-Dichloroethene	70	20	8.8J	8.2	5.9J	500U	4.6J	3J	10U	3.9J	3.1J	3.8J	10U	2.5J	3.5	2.4J	3.2J	2.3J	1.8J	1.2
Ethyl Benzene	700	13U	0.42J	0.76J	0.77J	500U	0.71J	5U	10U	0.36J	5U	5U	10U	5U	0.5U	5U	5U	5U	5U	0.24J
Isopropyl Benzene	700	13U	0.41J	0.67J	0.57J	500U	0.54J	5U	10U	0.28J	5U	5U	10U	5U	0.4J	5U	5U	5U	5U	0.22J
Tetrachloroethene	5	3.1J	1.4	2.5J	2.2J	500U	2.1J	5U	2.2J	1.1J	5U	5U	10U	0.75J	0.84	5U	5U	5U	5U	0.46J
Toluene	1000	13U	0.5U	0.54J	0.72J	500U	0.65J	5U	6.8J	0.31J	5U	5UJ	10U	0.49J	0.5U	5U	5U	5U	5U	0.5U
trans-1,2-Dichloroethene	100	13U	0.32J	5U	10U	500U	10U	5U	10U	5U	5U	5	10U	5U	0.44J	5U	5U	5U	5U	0.16J
Trichloroethene	5	9.8J	3.3	10	8.9J	500U	6.6J	2.8J	5.4J	2.9J	2.1J	2.1J	10U	1.3J	1.6	5U	1.3J	1.4J	1.5J	0.92
Xylene (Total)	10,000	13U	2.8	4.9J	5.0J	500U	4.4J	5U	4.5J	1.91J	5U	5U	10U	1.29J	1.2	5U	1J	3.5J	1.6J	1.41

Notes:

All results in micrograms per liter

Remediation goals from Record of Decision or Class I Groundwater Standard from 35 IAC 620.410

Shaded results exceed remediation goal

* Remediation goal from TACO (35 IAC 742)

D = Duplicate sample

D = Diluted sample result

U = Not detected at value shown

J = Estimated result

R = Rejected



Table 5-2
Source Area 4 GMZ Summary of Detections (2010 - 2018)
Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID Station Location Interval (ft. bgs) Date		E3WP7 A4-MLW01A 30 - 35 2/10/2010	E5284 A4-MLW01A 30 - 35 6/14/2010	E5284 A4-MLW01A 30 - 35 10/7/2010	E52F7 A4-MLW01A 30 - 35 1/12/2011	E52H9 A4-MLW01A 30 - 35 4/19/2011	E52Q2 A4-MLW01A 30 - 35 10/11/2011	E52Q8 A4-MLW01A 30 - 35 1/11/2012	E3XA7 A4-MLW01A 30 - 35 7/26/2012	E3XE2 A4-MLW01A 30 - 35 1/15/2013	E3XJ1 A4-MLW01A 30 - 35 7/22/2013	E3XL0 A4-MLW01A 30 - 35 12/17/2013	E3XM8 A4-MLW01A 30 - 35 5/21/2014	E3XR4 A4-MLW01A 30 - 35 12/16/2014	E3XT3 A4-MLW01A 30 - 35 5/21/2015	E3XY1 A4-MLW01A 30 - 35 4/5/2016
Analyte Name	RG															
1,1,1-Trichloroethane	200	7.4	4.1	6.5	5.5	6.6	5U	4.5J	4.3J	3.9J	2.8	3.2	4.1	4.2J	3.7	3.6
1,1-Dichloroethane	1400	8.6	4.3	6.9	6.7	5.9	3.2J	5.4	4.8J	5.1	4.5	4.7	5.6J	7	7.2	5.9
1,1-Dichloroethene	7	0.5U	0.7	5U	1.5J	5U	5U	5U	5U	0.46J	0.31J	0.53	0.75	0.77	0.5U	
1,4-Dioxane	7.7	NA	NA	12J	100R	100R	100U	100R	100R	100U	NA	NA	NA	NA	NA	NA
Carbon Disulfide	700	0.5U	0.5U	5UJ	5U	5U	5U	5U	0.21J	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
cis-1,2-Dichloroethene	70	9.6	2.8	4.5J	3.2J	3.7J	5U	3J	2.1J	5U	1.3	1.3	1.4	1.6	1.5	1.1
Dichlorodifluoromethane (Freon 12)	1400	0.5U	0.5U	5UJ	5U	2.9J	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Tetrachloroethene	5	0.27J	0.5U	5U	0.23J	5U	5U	5U	0.3J	5U	0.5U	0.32J	0.3J	0.35J	0.23J	0.26J
Toluene	1000	0.5U	0.5U	5U	5U	5U	4.7J	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
trans-1,2-Dichloroethene	100	0.24J	0.5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.1J	0.23J	0.5U	0.13J
Trichloroethene	5	1.6	0.99	1.6J	5U	1.6J	5U	1.3J	1.1J	2.8J	0.72	0.67	0.75J	0.87	0.52	0.73
Trichlorofluoromethane (Freon 11)	2100	0.17J	0.5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.17J	0.19J	0.5U	0.5U

EPA Sample ID Station Location Interval (ft. bgs) Date		E3WP8 A4-MLW01B 39 - 44 2/10/2010	E5285 A4-MLW01B 39 - 44 6/15/2010	E52B5 A4-MLW01B 39 - 44 10/7/2010	E52F8 A4-MLW01B 39 - 44 1/12/2011	E52J0 A4-MLW01B 39 - 44 4/19/2011	E52Q3 A4-MLW01B 39 - 44 10/11/2011	E52Q9 A4-MLW01B 39 - 44 1/11/2012	E3XA6 A4-MLW01B 39 - 44 7/26/2012	E3XE3 A4-MLW01B 39 - 44 1/15/2013	E3XJ2 A4-MLW01B 39 - 44 7/22/2013	E3XL1 A4-MLW01B 39 - 44 12/17/2013	E3XM9 A4-MLW01B 39 - 44 5/21/2014	E3XR5 A4-MLW01B 39 - 44 12/16/2014	E3XT4 A4-MLW01B 39 - 44 5/21/2015	E3XY2 A4-MLW01B 39 - 44 4/5/2016
Analyte Name	RG															
1,1,1-Trichloroethane	200	9	5.3	7.6	6.9	8.3	3.1J	3.9J	5	4.3J	3.4	4	5.3	5.8	5.4	6.1
1,1-Dichloroethane	1400	8.4	4.1	6.5	4.9J	5.7	3J	3.8J	4.6J	4.4J	4.8	5.8	7.6J	10	9.9	7.9
1,1-Dichloroethene	7	0.5U	0.95J	5U	1.3J	5U	5U	5U	5U	5U	0.97	0.67	1.2	1.5	0.5U	0.5U
cis-1,2-Dichloroethene	70	4.5	2.7J	4.7J	3.5J	4.4J	5U	2.1J	1.8J	5U	1.6	1.6	1.6	2.4	2.2	1.8
Tetrachloroethene	5	0.54	0.32J	0.55J	0.54J	5U	5U	5U	5U	5U	0.32J	0.51	0.51	0.59	0.39J	0.48J
Toluene	1000	0.5U	0.5U	5U	5U	5U	5.9	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
trans-1,2-Dichloroethene	100	0.24J	0.5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.13J	0.32J	0.21J	0.21J
Trichloroethene	5	2.6	1.7	2.8J	2.5J	2.9J	5U	1.3J	1.4J	5U	0.82	0.5U	0.8	0.94	0.63	1.1

EPA Sample ID Station Location Interval (ft. bgs) Date		E3WP9 A4-MLW01C 48 - 53 2/10/2010	E5286 A4-MLW01C 48 - 53 6/15/2010	E52B6 A4-MLW01C 48 - 53 10/7/2010	E52F9 A4-MLW01C 48 - 53 1/12/2011	E52J1 A4-MLW01C 48 - 53 4/19/2011	E52Q4 A4-MLW01C 48 - 53 10/11/2011	E52R0 A4-MLW01C 48 - 53 1/11/2012	E3XA5 A4-MLW01C 48 - 53 7/26/2012	E3XE4 A4-MLW01C 48 - 53 1/15/2013	E3XJ3 A4-MLW01C 48 - 53 7/22/2013	E3XL2 A4-MLW01C 48 - 53 12/17/2013	E3XN2 A4-MLW01C 48 - 53 5/21/2014	E3XR6 A4-MLW01C 48 - 53 12/16/2014	E3XT5 A4-MLW01C 48 - 53 5/21/2015	E3XY3 A4-MLW01C 48 - 53 4/5/2016
Analyte Name	RG															
1,1,1-Trichloroethane	200	9.2	5.1	7.9	6.8	8.7	2.7J	3J	5	5.5	3.4	4	5	5.6	5.5	6.6
1,1-Dichloroethane	1400	8.9	4.3	6.6	5J	5.7	2.8J	3.3J	4.9J	5.5	4.7	5.8	6.9	9.4	10	8.1
1,1-Dichloroethene	7	0.5U	1J	5U	1.4J	5U	5U	5U	5U	0.93	0.72	0.72	1.1	1.5	1.5	0.5U
1,4-Dioxane	7.7	NA	NA	8.5J	100R	100R	100U	100R	100R	100UJ	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	70	4.6	2.8J	4.7J	3.3J	4.2J	5U	1.7J	2.2J	2.1J	1.5	1.8	1.5	2.1	2.2	1.9
Tetrachloroethene	5	0.5	0.42J	0.57J	0.5J	5U	5U	5U	0.56J	5U	0.34J	0.47J	0.49J	0.55	0.39J	0.42J
Toluene	1000	0.5U	0.5U	5U	5U	5U	5U	5.4	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
trans-1,2-Dichloroethene	100	0.28J	0.5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.13J	0.35J	0.22J	0.22J
Trichloroethene	5	2.6	1.7	2.7J	2.6J	2.9J	5U	1.1J	1.4J	5U	0.74	0.77	0.78	0.93	0.63	1.2

EPA Sample ID Station Location Interval (ft. bgs) Date		E3WQ0 A4-MLW01D 57 - 62 2/10/2010	E5287 A4-MLW01D 57 - 62 6/15/2010	E52B7 A4-MLW01D 57 - 62 10/7/2010	E52G0 A4-MLW01D 57 - 62 1/12/2011	E52J2 A4-MLW01D 57 - 62 4/19/2011	E52Q5 A4-MLW01D 57 - 62 10/11/2011	E52R1 A4-MLW01D 57 - 62 1/11/2012	E3XA4 A4-MLW01D 57 - 62 7/26/2012	E3XE5 A4-MLW01D 57 - 62 1/15/2013	E3XJ4 A4-MLW01D 57 - 62 7/22/2013	E3XL3 A4-MLW01D 57 - 62 12/17/2013	E3XN2 A4-MLW01D 57 - 62 5/21/2014	E3XR7 A4-MLW01D 57 - 62 12/16/2014	E3XT6 A4-MLW01D 57 - 62 5/21/2015	E3XY4 A4-MLW01D 57 - 62 4/5/2016
Analyte Name	RG															
1,1,1-Trichloroethane	200	7.9	5.6	8.1	7.5	9	2.8J	2.8J	4.8J	5.9	3.1	3.9	5	5.5	4.8	5.4
1,1-Dichloroethane	1400	7.5	4.4	7.3	6	5.3	2.9J	3.1J	4.6J	5.8	4.3	4.9	6.9J	9.1	10	7.6
1,1-Dichloroethene	7	0.5U	1.2J	5U	5U	5U	5U	5U	5U	0.88	0.88	4.9	1.1J	1.3	1.4	0.5U
1,4-Dioxane	7.7	NA	NA	6.6J	100R	100R	100U	100R	100R	100U	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	70	3.4	2.8J	5J	4.2J	4.1J	5U	2.2J	2.2J	2.1J	1.7	1.6	1.7J	2.3	2.2	1.7
Dichlorodifluoromethane (Freon 12)	1400	0.87	0.5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Tetrachloroethene	5	0.39J	0.39J	0.55J	0.45J	5U	5U	5U	0.51J	5U	0.26J	0.61	0.54J	0.59	0.47J	0.45J
Toluene	1000	0.5U	0.5U	5U	5U	5U	5U	5.5	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
trans-1,2-Dichloroethene	100	0.25J	0.5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.14J	0.31J	0.25J	0.23J
Trichloroethene	5	2.1	1.6	2.7J	2.7J	2.8J	5U	1.1J	1.5J	5U	0.82	0.81	0.8J	0.94	0.65	1
Trichlorofluoromethane (Freon 11)	2100	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.19J	0.21J	0.15J	0.5U

Notes:

All results in micrograms per liter

Remediation goals from Record of Decision or Class I Groundwater Standard from 35 IAC 620.410

Shaded results exceed remediation goal

* Remediation goal from TACO (35 IAC 742)

D = Duplicate sample

D = Diluted sample result

U = Not detected at value shown

J = Estimated result

R = Rejected



Table 5-2
Source Area 4 GMZ Summary of Detections (2010 - 2018)
Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID	E3WQ1	E5288	E52B8	E52G1	E52J3	E52Q6	E52R2	E3XA3	E3XE6	E3XL4	
Station Location	A4-MLW01E	A4-MLW01E	A4-MLW01E	A4-MLW01E	A4-MLW01E	A4-MLW01E	A4-MLW01E	A4-MLW01E	A4-MLW01E	A4-MLW01E	
Interval (ft. bgs)	66 - 71	66 - 71	66 - 71	66 - 71	66 - 71	66 - 71	66 - 71	66 - 71	66 - 71	66 - 71	
Date	2/10/2010	6/15/2010	10/7/2010	1/12/2011	4/19/2011	10/11/2011	1/11/2012	7/26/2012	1/15/2013	12/17/2013	
Analyte Name	RG										
1,1,1-Trichloroethane	200	2300D	1800D	840J	1200D	300	180	200	920D	4200D	5700
1,1-Dichloroethane	1400	57	81J	38	36	32	16	25	16	170	250U
1,1-Dichloroethene	7	19J	92J	15	6.8J	5.3J	5U	5U	7.4	25J	250U
1,2-Dichlorobenzene	600	2.5U	0.49J	0.93J	10U	25U	5U	5U	5U	25U	250U
1,4-Dioxane	7.7	NA	NA	5.3J	200R	500R	100U	100R	100R	500U	5000R
2-Butanone	4200	25U	11J	4J	20U	7.8J	10U	10U	10U	50U	500U
Acetone	6300	25U	800U	20U	20U	50U	31	10U	10U	50U	500U
cis-1,2-Dichloroethene	70	20J	33J	15	10	16J	11	28	14	16J	250U
Dichlorodifluoromethane (Freon 12)	1400	5.2	80U	5U	10U	25U	5U	5U	25U	250U	250U
Ethyl Benzene	700	10	9.4	15	11	10J	4.6J	14	8.4	14J	250U
Isopropyl Benzene	700	6.7	5.1	9.7	8.9J	7.7J	3.6J	8.4	9.6	25U	250U
Methyl Acetate	--	2.5U	20J	5U	10U	25U	71	180	8.2	50U	250U
Methylcyclohexane	--	0.64J	0.5UJ	1.2J	0.89J	25U	5U	5U	0.77J	25U	250U
Tetrachloroethene	5	22	16	30	25	18J	6.2	3.7J	9	25U	250U
Toluene	1000	2.5U	0.92	0.71J	1.7J	25U	3.9J	5.5	1.5J	25U	250U
Trichloroethene	5	3.3	1.5	2.5J	4.5J	25U	5U	5U	3J	12J	250U
Xylene (Total)	10,000	49	53J	61	48	46J	22.4	60	49	78	250U

EPA Sample ID Station Location Interval (ft. bgs) Date		E3WN4 A4-MW022A 28 - 38 11/11/2009	E3WQ2 A4-MW022A 28 - 38 2/11/2010	E5289 A4-MW022A 28 - 38 6/14/2010	E52B9 A4-MW022A 28 - 38 7/2/2010	E52C0 A4-MW022A-D 28 - 38 10/7/2010	E52G2 A4-MW022A 28 - 38 1/13/2011	E52G3 A4-MW022A-D 28 - 38 1/13/2011	E52J6 A4-MW022A 28 - 38 4/18/2011	E52J7 A4-MW022A-D 28 - 38 4/18/2011	E52M3 A4-MW022A 28 - 38 7/19/2011	E52Q7 A4-MW022A 28 - 38 10/11/2011	E52Q1 A4-MW022A 28 - 38 1/10/2012	E3XA8 A4-MW022A 28 - 38 7/25/2012	E3XF0 A4-MW022A 28 - 38 1/15/2013	E3XI6 A4-MW022A 28 - 38 7/22/2013	E3XL8 A4-MW022A 28 - 38 12/18/2013	E3XN9 A4-MW022A 28 - 38 5/21/2014	E3XS4 A4-MW022A 28 - 38 12/16/2014	E3XW3 A4-MW022A 28 - 38 5/20/2015	E3XY9 A4-MW022A 28 - 38 4/6/2016	E3Y16 A4-MW022A 28 - 38 10/3/2016	E3Y59 A4-MW022A 28 - 38 5/30/2017
Analyte Name	RG (ug/L)																						
1,1,1-Trichloroethane	200	99D	47	48	48	48	35	33	33	26	15	20	15	13	9.3	4.9	6.1	4.1	3.8	2.1	4.6	0.69	6.7
1,1-Dichloroethane	1400	4.6	2.8	1.3	1.4J	1.5J	2.4J	2.1J	1J	0.95J	5U	5U	5U	5U	0.52	0.64	0.12J	0.5U	0.65	0.58	0.5U	0.5UJ	
1,1-Dichloroethene	7	3.3J	0.5U	1	5U	5U	1.5J	1.4J	5U	1.3J	5U	5U	5U	5U	0.77	0.5U	0.5U	0.17J	0.5U	0.5U	0.5U	0.5U	
Acetone	6300	10U	5U	5U	10U	10U	10U	20U	20U	20U	24	10U	10U	10U	5U	5U	5U	5U	5U	5U	5U	5U	
Chloroethane	--	0.043J	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	
cis-1,2-Dichloroethene	70	2.3J	1.5	0.77	0.89J	0.85J	1.8J	1.6J	0.7J	0.8J	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.13J	0.5U	0.5U	
Dichlorodifluoromethane (Freon 12)	1400	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.92	0.5U	0.5U	0.5U	
m,p-Xylene	10,000+	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	10U	10U	10U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.52	
Methylene Chloride	5**	0.5U	1.0U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.4J	0.29J	0.5U	0.54U	0.5U	0.5U	0.5U	0.27J	
o-Xylene	10,000+	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.23J	
Tetrachloroethene	5	0.29J	0.23J	0.5U	5U	5U	0.19J	5U	5U	0.62J	5U	5U	5U	5U	0.5U	0.22J	0.057J	0.5U	0.5U	0.5U	0.5U	0.5U	
Toluene	1000	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	1.1J	5U	0.5U	0.25J	1.1U	0.5U	0.5U	0.5U	0.58	
trans-1,2-Dichloroethene	100	0.5U	0.097J	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	
Trichloroethene	5	1.6	1.3J	0.73	0.66J	0.66J	5U	5U	0.83J	0.82J	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.11J	0.5U	

EPA Sample ID Station Location Interval (ft. bgs) Date		E3Y82 A4-MW022A 28 - 38 11/15/2017	180523 A4-MW022A 28 - 38 5/23/2018
Analyte Name	RG (ug/L)		
1,1,1-Trichloroethane	200	12	2.9
1,1-Dichloroethane	1400	0.5U	0.5U
1,1-Dichloroethene	7	0.5U	0.5U
Acetone	6300	5U	5U
Chloroethane	--	0.5U	0.5U
cis-1,2-Dichloroethene	70	0.5U	0.5U
Dichlorodifluoromethane (Freon 12)	1400	0.5U	0.5U
m,p-Xylene	10,000+	0.5U	0.5U
Methylene Chloride	5**	0.5U	0.5U
o-Xylene	10,000+	0.5U	0.5U
Tetrachloroethene	5	0.5U	0.5U
Toluene	1000	0.5U	0.5U
trans-1,2-Dichloroethene	100	0.5U	0.5U
Trichloroethene	5	0.5U	0.5U

Notes:

All results in micrograms per liter

Remediation goals from Record of Decision or Class I Groundwater Standard from 35 IAC 620.410

Shaded results exceed remediation goal

* Remediation goal from TACO (35 IAC 742)

D = Duplicate sample

D = Diluted sample result

U = Not detected at value shown

J = Estimated result

R = Rejected



Table 5-2
Source Area 4 GMZ Summary of Detections (2010 - 2018)
Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID Station Location Interval (ft. bgs) Date		E3WN3 A4-MW022B 36 - 46 11/11/2009	E5290 A4-MW022B 36 - 46 6/14/2010	E52C1 A4-MW022B 36 - 46 10/6/2010	E52G4 A4-MW022B 36 - 46 1/13/2011	E52J8 A4-MW022B 36 - 46 4/18/2011	E52M4 A4-MW022B 36 - 46 7/19/2011	E52Q8 A4-MW022B 36 - 46 10/11/2011	E52Q9 A4-MW022B 36 - 46 10/11/2011	E52Q0 A4-MW022B 36 - 46 1/10/2012	E3XA9 A4-MW022B 36 - 46 7/25/2012	E3XB0 A4-MW022B 36 - 46 7/25/2012	E3XF1 A4-MW022B 36 - 46 1/15/2013	E3XJ7 A4-MW022B 36 - 46 7/22/2013	E3XL9 A4-MW022B 36 - 46 12/18/2013	E3X01 A4-MW022B 36 - 46 5/21/2014	E3XS5 A4-MW022B 36 - 46 12/16/2014	E3XW4 A4-MW022B 36 - 46 5/20/2015	E3XZ0 A4-MW022B 36 - 46 4/6/2016	E3Y17 A4-MW022B 36 - 46 10/3/2016	E3Y60 A4-MW022B 36 - 46 5/30/2017	E3Y80 A4-MW022B 36 - 46 11/15/2017	180523 A4-MW22B 36 - 46 5/23/2018
Analyte Name	RG																						
1,1,1-Trichloroethane	200	12J	5	7.7	6.4	6.7	4.4J	2.7J	2.9J	5.1	6	5.8	5.4	4	4.4	6.6	7	7.5	8.5	7.6	7.2	9	5.1
1,1-Dichloroethane	1400	9.9	4	7.6	6.4	5.9	5.4	3.7J	3.8J	6.6	6.9	7	8	6.9	6.1	8.6	9.8	11	9.6	9.5	12J	10	6.9
1,1-Dichloroethene	7	0.5U	1	5U	1.5J	1.5J	5U	5U	5U	5U	5U	5U	5U	0.98	0.72	0.95	1.5	1.4	0.5U	1.6	1.2	1.2	0.94
1,4-Dioxane	7.7	NA	NA	8.9J	100R	100R	100R	100U	100U	100R	100R	100R	100UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	6300	5U	5U	20U	20U	20U	20U	24J	20	10U	10U	20U	10U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Benzene	5	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.9	0.5U
cis-1,2-Dichloroethene	70	12	3.1	5.4	3.7J	3.6J	2.8J	5U	5U	3.3J	2.6J	2.8J	2.2J	1.8	1.6	1.8	2.1	2.4	1.9	1.8	1.8	1.9	1.4
Dichlorodifluoromethane (Freon 12)	1400	0.5U	0.5U	5.9	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.13J	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Tetrachloroethene	5	0.49J	0.3J	5U	0.31J	0.61J	0.32J	5U	5U	5U	5U	0.51J	5U	0.3J	0.55	0.4 J	0.44J	0.38J	0.43J	0.37J	0.4J	0.46J	0.29J
Toluene	1000	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	0.92J	0.91J	5U	0.5U	0.58	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.56	0.5U
trans-1,2-Dichloroethene	100	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.21J	0.39J	0.3J	0.3J	0.29J	0.29J	0.3J	0.19J
Trichloroethene	5	3.7	1.4	2.2J	5U	1.7J	1.2J	5U	5U	1.2J	1.2J	1.3J	5U	0.85	0.74	1	1.3	0.95	1.5	1.2	1.4	1.6	1
Trichlorofluoromethane (Freon 11)	2100	0.5UJ	0.5U	5U	0.25J	5U	5U	5U	5U	5U	0.71J	0.72J	5U	0.5U	0.5U	0.54	0.5J	0.35J	0.31J	0.4J	0.3J	0.43J	0.17J
Xylene (Total)	10,000	0.5U	0.5U	5U	5U	5U	0.15J	5U	5U	5U	0.28J	5U	5U	0.22J	1.34	0.5U	0.5U	0.5U	0.66	0.5U	0.21J	0.5U	0.5U

EPA Sample ID Station Location Interval (ft. bgs) Date		E3WN5 A4-MW032 35 - 45 11/10/2009	E3WQ3 A4-MW032 35 - 45 2/10/2010	E5291 A4-MW032 35 - 45 6/14/2010	E52C4 A4-MW032 35 - 45 10/6/2010	E52G5 A4-MW032 35 - 45 1/12/2011	E52J9 A4-MW032 35 - 45 4/18/2011	E52M5 A4-MW032 35 - 45 7/19/2011	E52R0 A4-MW032 35 - 45 10/11/2011	E52P7 A4-MW032 35 - 45 1/10/2012	E3XB1 A4-MW032 35 - 45 7/25/2012	E3XF2 A4-MW32 35 - 45 1/15/2013	E3XF3 A4-MW32 35 - 45 1/15/2013	E3XK1 A4-MW032 35 - 45 7/22/2013	E3XK2 A4-MW032 35 - 45 7/22/2013	E3XM0 A4-MW032 35 - 45 12/17/2013	E3XM1 A4-MW032 35 - 45 12/17/2013	E3X06 A4-MW032 35 - 45 5/21/2014	E3XR1 A4-MW032 35 - 45 12/16/2014	E3XR2 A4-MW032 35 - 45 12/16/2014	E3XT0 A4-MW032 35 - 45 5/19/2015	E3XT1 A4-MW032-D 35 - 45 5/19/2015	E3XZ1 A4-MW032 35 - 45 4/5/2016
Analyte Name	RG																						
1,1,1-Trichloroethane	200	22D	17	11	16	14	15	8.3	7.2	8.4	8.5	9.1	9.1	4.5	4.7	5.5	5.4 J	5.1	5.3	6.2	5.6	5.3	4.8
1,1-Dichloroethane	1400	18	17	9.3	16	13	12	7.5	6.7	7.8	8.8	12	12	6.7	6.6	5.5	5.5	5.6	7.5	8	8.4	8.4	5.8
1,1-Dichloroethene	7	5.1J	1.6	2.6	5U	3.7J	1.7J	5U	5U	5U	5U	5U	5U	0.6	0.55	0.68	0.72	0.79	1.1	1.1	1.2	0.99	0.5U
Acetone	6300	5U	5U	5U	20U	20U	20U	20U	22	10U	10U	10U	10U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U
Bromodichloromethane	0.2*	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.34J	0.74	0.86	0.99	0.94	1.8
Carbon Disulfide	700	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	0.16J	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5UJ
Chloroform	70	0.5U	0.21J	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.22J	0.5U	0.64	1.4	1.5	2.1	2.2
Chloromethane	--	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
cis-1,2-Dichloroethene	70	36D	8.9	5.9	11	8.7	10	7.3	4.3J	7.1	3.8J	3.8J	3.8J	2.2	1.9	1.6	1.6	1.4	2	2.2	2.5	2.3	1.9
Dibromochloromethane	140*	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	0.39J	5U	5U	0.5U	0.5U	0.5U	0.5U	0.18J	0.48J	0.55	0.64	0.63	1.4
Methylene Chloride	5**	0.5UJ	1U	0.5U	5U	5U	5U	5U	10U	5U	5U	10U	10U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.7	0.67	0.47J	0.7J	0.75J	1J	0.54J	5U	5U	5U	5U	5U	0.47J	0.5U	0.6	0.64	0.57	0.66	0.75	0.59	0.56	0.51
trans-1,2-Dichloroethene	100	0.6J	0.79	0.32J	0.56J	0.42J	0.83J	0.63J	5U	5U	5U	5U	5U	0.33J	0.27J	0.5U	0.5U	0.15J	0.27J	0.34J	0.21J	0.24J	0.5U
Trichloroethene	5	9.3	7.8	5.4	8	8.1	8.1	5.1	2.8J	5	4.3J	3.8J	3.8J	2	2	2.1	2.1	1.4	1.6	1.8	1.4	1.2	1.4

EPA Sample ID Station Location Interval (ft. bgs) Date		E3XZ2 A4-MW032-D 35 - 45 4/5/2016	E3Y08 A4-MW032 35 - 45 10/3/2016	E3Y61 A4-MW032 35 - 45 5/30/2017	E3Y62 A4-MW032-D 35 - 45 5/30/2017	E3Y70 A4-MW032 35 - 45 11/14/2017	E3Y71 A4-MW032-D 35 - 45 11/14/2017	180522 A4-MW032 35 - 45 5/22/2018	180522 A4-MW032-D 35 - 45 5/22/2018
Analyte Name	RG								
1,1,1-Trichloroethane	200	5.8	4.5	5.2	5.4	9	9.5	9.3	9.9
1,1-Dichloroethane	1400	5.7	5.7	5.8J	9.3J	11	11	11	12
1,1-Dichloroethene	7	0.5U	1.1	0.99	1	1.8	1.8	2.1	2.2
Acetone	6300	5U	5U	5U	5U	5U	5U	5U	5U
Bromodichloromethane	0.2*	1.8	0.94	0.95	0.99	0.41J	0.5U	0.5U	0.5U
Carbon Disulfide	700	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Chloroform	70	2.1	1.4	1.2	1.2	0.62	0.63	0.5U	0.5U
Chloromethane	--	0.5U	0.5U	0.5U	0.5U	0.5U	0.18J	0.5U	0.5U
cis-1,2-Dichloroethene	70	1.7	1.6	2	2	2.5	2.5	2.3	2.5
Dibromochloromethane	140*	1.3	0.63	0.72	0.71	0.27J	0.33J	0.5U	0.5U
Methylene Chloride	5**	0.5U	0.5U	0.5U	0.22J	0.5U	0.5U	0.5U	0.5U
Tetrachloroethene	5	0.63	0.6	0.59	0.61	0.65	0.65	0.58	0.61
trans-1,2-Dichloroethene	100	0.21J	0.5U	0.22J	0.24J	0.32J	0.3J	0.31J	0.34J
Trichloroethene	5	1.7	1.3	1.5	1.6	2.3	2.5	3	3.3

Notes:

All results in micrograms per liter

Remediation goals from Record of Decision or Class I Groundwater Standard from 35 IAC 620.410

Shaded results exceed remediation goal

* Remediation goal from TACO (35 IAC 742)

D = Duplicate sample

D = Diluted sample result

U = Not detected at value shown

J = Estimated result

R = Rejected



Table 5-2
Source Area 4 GMZ Summary of Detections (2010 - 2018)
Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID	E3WN6	E3WQ4	E5292	E52C2	E52G6	E52K1	E52M6	E52R1	E52Q4	E3XB2	E3XE7	E3XJ8	E3XL5	E3XO2	E3XS6	E3XW5	E3XY6	E3Y18	E3Y57	E3Y81	180523	
Station Location	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	A4-MW130A	
Interval (ft. bgs)	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	28 - 38	
Date	11/11/2009	2/11/2010	6/15/2010	10/7/2010	1/13/2011	4/18/2011	7/19/2011	10/12/2011	1/11/2012	7/26/2012	1/16/2013	7/22/2013	12/18/2013	5/22/2014	12/16/2014	5/21/2015	4/6/2016	10/3/2016	5/30/2017	11/15/2017	5/23/2018	
Analyte Name	RG																					
1,1,1-Trichloroethane	200	370D	580D	520D	630	630	290	140	120	130	53	64	20	11J	11	7.8	12	7.5	8	8.5	11	5.9
1,1,2-Trichloroethane	5	0.51	0.94	1.6	1.8J	1.1J	20U	0.5J	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5J	
1,1-Dichloroethane	1400	35	39J	31	48	33	24	13	9.8	12	7.2	8.9	6.6	6.4J	8	10	11	9.3	9.6	14J	17	8.2
1,1-Dichloroethene	7	7.4J	13J	12J	18	8.5	9.2J	5	5UJ	5U	5U	5U	5U	1.2	1.3	1.7	1.2	0.5U	1.8	1.8	3.3	2
Bromodichloromethane	0.2*	0.5U	0.5U	0.5UJ	5U	5U	20U	5U	5U	5U	5U	5U	0.5U	0.5U	0.19J	0.19J	0.12J	0.5U	0.5U	0.5U	0.5J	
Carbon Tetrachloride	5	0.5UJ	84J	0.5U	5U	5U	20U	5U	5U	5U	5U	5U	0.5U	0.5UJ	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5J	
cis-1,2-Dichloroethene	70	14J	10J	15J	13	7.8	6.9J	4.5J	3.4J	4.7J	2.9J	2.3J	1.9	2.2	1.8	2.3	2.2	2.1	2	2	2.1	1.4
Dichlorodifluoromethane (Freon 12)	1400	6.3	0.5U	20U	0.58J	5U	20U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5J	
m,p-Xylene	10,000+	0.5U	0.5U	0.5U	5U	5U	20U	5U	5U	5U	5U	5U	0.5U	1.1J	0.5U	0.5U	0.5U	0.7	0.5U	0.5U	0.5U	
o-Xylene	10,000+	0.5U	0.5U	0.5U	5U	5U	20U	5U	5U	5U	5U	5U	0.5U	0.91	0.5U	0.5U	0.5U	0.5U	0.5U	0.26J	0.5U	
Tetrachloroethene	5	0.88	0.99	0.78	5U	0.72J	20U	0.61J	5U	5U	0.7J	5U	0.26J	0.97	0.45J	0.57	0.45J	0.44J	0.41J	0.45J	0.46J	0.31J
Toluene	1000	0.5U	0.5U	0.5U	5U	5U	20U	5U	5U	8.2	0.54J	5U	0.5U	0.51	0.5U	0.5U	0.5U	0.5U	0.5U	0.69	0.5U	
trans-1,2-Dichloroethene	100	0.38J	0.28J	20U	5U	0.39J	20U	5U	5UJ	5U	5U	5U	0.5U	0.32J	0.17J	0.39J	0.25J	0.26J	0.23J	0.26J	0.35J	0.19J
Trichloroethene	5	3.6	3.7	2.5	4.9J	4.1J	3.4J	2.8J	5U	2.5J	2.1J	2J	1.3	1.6	1.3	1.5	0.96	1.4	1.4	1.5	1.7	1.3
Trichlorofluoromethane (Freon 11)	2100	0.5UJ	0.5UJ	20U	5U	5U	20U	5U	5U	5U	0.25J	5U	0.5U	0.47J	0.31J	0.39J	0.21J	0.25J	0.5U	0.5U	0.27J	0.5U

EPA Sample ID	E3WN7	E3WN8	E3WQ5	E5293	E5294	E52C3	E52G7	E52K2	E52M7	E52R2	E52Q2	E3XB3	E3XE8	E3XE9	E3XJ9	E3XK0	E3XL6	E3XL7	E3XO3	E3XO4	E3XS7	E3XS8
Station Location	A4-MW130B	A4-MW130B-D	A4-MW130B	A4-MW130B	A4-MW130B-D	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	A4-MW130B	
Interval (ft. bgs)	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	45 - 55	
Date	11/11/2009	11/11/2009	2/10/2010	6/15/2010	6/15/2010	10/7/2010	1/13/2011	4/18/2011	7/19/2011	10/12/2011	1/11/2012	7/26/2012	1/16/2013	1/16/2013	7/22/2013	7/22/2013	12/18/2013	12/18/2013	5/22/2014	5/22/2014	12/16/2014	12/16/2014
Analyte Name	RG																					
1,1,1-Trichloroethane	200	110D	82D	260D	110	100	110	60	49	20	5U	17	12	8.1	13	4.6	4.4	6.1	6.4	6.5	6.4	7.5
1,1,2-Trichloroethane	5	0.18J	0.16J	0.55	0.27J	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	
1,1-Dichloroethane	1400	16	17	19	10	14	11	9.9	6.2	5U	8.1	6.7	7	11	6.8	6.6	8.3	8.2	8.2	8.3	11	11
1,1-Dichloroethene	7	3.8	4.4J	6.1J	3J	3.2J	5U	2.5J	2.7J	2.1J	5U	5U	5U	5U	1.1	1.2	1.4J	1.3J	1.2	1.3	1.7	1.8
1,4-Dioxane	7.7	NA	NA	NA	NA	NA	12J	100R	11J	100R	100U	100R	100U	100UJ	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.2*	0.5U	0.5U	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.12J	0.12J
cis-1,2-Dichloroethene	70	8.2	8.7J	7.6J	4.7J	4.7J	7.1	4.7J	5.4	3.3J	5U	4J	3J	2.2J	2.8J	1.9	1.9	2.1J	2.1J	1.7	1.8	2.5
Dichlorodifluoromethane (Freon 12)	1400	9.1	0.5U	0.5U	0.5U	0.5U	2.6J	5U	5U	5U	5U	5U	5U	13	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
m,p-Xylene	10,000+	0.5U	0.5U	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	0.4J	0.41J	0.34J	0.28J	0.5U	0.5U	0.5U	0.5U
Methylene Chloride	5**	0.5U	0.5UJ	1U	0.5U	0.5U	5U	5U	5U	10U	5U	5U	10U	10U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
o-Xylene	10,000+	0.5U	0.5U	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	0.2J	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Tetrachloroethene	5	0.57	0.63	0.52	0.36J	0.33J	0.53J	0.4J	0.78J	0.41J	5U	5U	5U	5U	0.28J	0.29J	0.49J	0.52	0.38J	0.38J	0.57	0.53
Toluene	1000	0.5U	0.5U	0.5U	0.5U	0.5U	5U	5U	5U	5U	6.9	0.86J	5U	5U	0.5U	0.5U	0.23J	0.5U	1.1 U	0.5U	0.5U	0.5U
trans-1,2-Dichloroethene	100	0.5U	0.4J	0.21J	0.5U	0.5U	5U	0.3J	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.28J	0.2J	0.39J	0.44J	
Trichloroethene	5	3.6	4.1	3.1	1.9	1.8	3.2J	3.1J	3J	1.7J	5U	1.7J	1.5J	5U	5U	1.1	0.97	1.2	1.3	1	1	1.6
Trichlorofluoromethane (Freon 11)	2100	0.5U	0.5UJ	0.17J	0.5U	0.5U	5U	5U	5U	5U	5U	0.54J	5U	5U	0.5U	0.5U	0.5U	0.64	0.42J	0.49J	0.39J	0.43J

EPA Sample ID Station Location Interval (ft. bgs) Date	E3XW6 A4-MW130B 45 - 55 5/21/2015	E3XW7 A4-MW130B-D 45 - 55 5/21/2015	E3XY7 A4-MW130B 45 - 55 4/6/2016	E3XY8 A4-MW130B-D 45 - 55 4/6/2016	E3Y19 A4-MW130B 45 - 55 10/3/2016	E3Y58 A4-MW130B 45 - 55 5/30/2017	E3Y82 A4-MW130B 45 - 55 11/15/2017	E3Y98 A4-MW130B 45 - 55 5/23/2018
Analyte Name	RG							
1,1,1-Trichloroethane	200	7.4	7.6	7.6	7.3	8.6	7.9	7.3
1,1,2-Trichloroethane	5	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5J
1,1-Dichloroethane	1400	11	12	10	9.8	11	13J	10
1,1-Dichloroethene	7	1.5	1.6	0.5U	0.5U	1.9	1.5	1.5
1,4-Dioxane	7.7	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.2*	0.5U	0.5U	0.11J	0.1J	0.5U	0.5U	0.5U
cis-1,2-Dichloroethene	70	2.4	2.3	2.2	2.1	2.2	2	2.1
Dichlorodifluoromethane (Freon 12)	1400	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
m,p-Xylene	10,000+	0.5U	0.5U	0.5U	0.5U	0.23J	0.57	0.21J
Methylene Chloride	5**	0.5U	0.5U	0.5U	0.5U	0.24J	0.5U	0.5U
o-Xylene	10,000+	0.5U	0.5U	0.5U	0.5U	0.5U	0.28J	0.5U
Tetrachloroethene	5	0.34J	0.34J	0.43J	0.37J	0.38J	0.43J	0.38J
Toluene	1000	0	0.5U	0.5U	0.5U	0.23J	0.57	0.5U
trans-1,2-Dichloroethene	100	0.5U	12	0.31J	0.23J	0.28J	0.3J	0.24J
Trichloroethene	5	0.95	0.97	1.4	1.4	1.5	1.6	1.5
Trichlorofluoromethane (Freon 11)	2100	0.34J	0.35J	0.29J	0.27J	0.34J	0.25J	0.2J

Notes:

All results in micrograms per liter

Remediation goals from Record of Decision or Class I Groundwater Standard from 35 IAC 620.410

Shaded results exceed remediation goal

* Remediation goal from TACO (35 IAC 742)

D = Duplicate sample

D = Diluted sample result

U = Not detected at value shown

J = Estimated result

R = Rejected



Table 5-2
Source Area 4 GMZ Summary of Detections (2010 - 2018)
Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID Station Location Interval (ft. bgs) Date		E3WN9 A4-MW401A 28 - 38 11/11/2009	E3WQ6 A4-MW401A 28 - 38 2/11/2010	E3WQ7 A4-MW401A 28 - 38 2/11/2010	E5295 A4-MW401A 28 - 38 6/14/2010	E52C5 A4-MW401A 28 - 38 10/6/2010	E52C6 A4-MW401A 28 - 38 10/6/2010	E52G8 A4-MW401A 28 - 38 1/12/2011	E52K3 A4-MW401A 28 - 38 4/18/2011	E52M8 A4-MW401A 28 - 38 7/19/2011	E52M9 A4-MW401A 28 - 38 7/19/2011	E52R3 A4-MW401A 28 - 38 10/11/2011	E52P9 A4-MW401A 28 - 38 1/10/2012	E3XB4 A4-MW401A 28 - 38 7/25/2012	E3XF4 A4-MW401A 28 - 38 1/15/2013	E5296 A4-MW401A-D 28 - 38 6/14/2010	E3XK3 A4-MW401A 28 - 38 7/22/2013	E3XM2 A4-MW401A 28 - 38 12/17/2013	E3XN4 A4-MW401A 28 - 38 5/21/2014	E3XR9 A4-MW401A 28 - 38 12/16/2014	E3XT8 A4-MW401A 28 - 38 5/20/2015	E3XZ3 A4-MW401A 28 - 38 4/5/2016	E3Y11 A4-MW401A 28 - 38 10/3/2016
Analyte Name	RG																						
1,1,1-Trichloroethane	200	320D	8.7	8.9	5.9	9.9	9.9	9.6	10	4.7J	4.7J	3.3J	5.8	8.5	13	5.9	8.6	6.4	16	9.8	9.4	12	4.2
1,1-Dichloroethane	1400	16	7.2	7.5	4.8	8.6	8.4	5U	8.5	5.3	5.4	3.9J	6.1	4.8J	3.9J	5	0.36J	4.9J	0.25J	0.5J	5.5	6.8	4.4
1,1-Dichloroethene	7	11J	1.5	0.5U	1.1	5U	5U	5U	1.3J	5U	1.7J	5UJ	5U	5U	5U	1.3J	0.84	0.7	0.5U	0.5U	0.94	0.5U	0.88
1,4-Dioxane	7.7	NA	NA	NA	NA	13J	100R	100R	100R	100R	100R	100U	100R	100R	100U	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	6300*	5U	5U	5U	5U	20U	10U	20U	20U	20U	20U	10U	10U	20U	10U	5U	5U	5U	5U	5U	5U	2.5J+	5U
Benzene	5	0.5U	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Bromodichloromethane	0.2*	0.5U	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5UJ	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.15J	0.5U
Chloromethane	-	1.2	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
cis-1,2-Dichloroethene	70	1.8J	4.8	4.9	3.3	5.9	5.8	5U	5.4	3.4J	3.4J	5U	3.5J	1.9J	5U	3.6J	0.5U	1.4	0.5U	0.5U	1.2	1.6	1
Dichlorodifluoromethane (Freon 12)	1400	0.5U	0.5U	0.5U	0.5U	0.67J	0.62J	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Methylene Chloride	5**	0.5UJ	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	10U	5U	5U	10U	0.5U	0.5U	0.5U	0.5U	0.5U	1U	0.5U	0.5U
Tetrachloroethene	5	0.81	0.22J	0.23J	0.27J	5U	5U	5U	0.54J	0.28J	0.28J	5U	5U	5U	5U	0.25J	0.5U	0.37J	0.09J	0.15J	0.33J	0.22J	0.14J
Toluene	1000	0.5U	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	0.63J	5U	0.5U	0.5U	0.28J	0.5U	0.5U	0.5U	0.5U	0.5U
trans-1,2-Dichloroethene	100	0.5U	0.18J	0.19J	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.18J	0.5U
Trichloroethene	5	6.3	2.3	2.3	2	3.1J	3.1J	5U	3.1J	1.7J	1.7J	5U	1.5J	1.3J	5U	1.8	0.5U	1.1	0.26J	0.2J	0.75	0.86	0.48J
Trichlorofluoromethane (Freon 11)	2100	0.5UJ	0.13J	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	0.29J	5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
Xylene (Total)	10,000	0.5U	0.5U	0.5U	0.5U	5U	5U	5U	5U	0.17J	0.27J	5U	5U	0.22J	5U	0.5U	0.5U	0.34J	0.5U	0.5U	0.5U	0.77	0.5U

EPA Sample ID Station Location Interval (ft. bgs) Date		E3Y63 A4-MW401A 28 - 38 5/30/2017	E3Y73 A4-MW401A 28 - 38 11/14/2017	180522 A4-MW401A 28 - 38 5/22/2018
Analyte Name	RG			
1,1,1-Trichloroethane	200	8.5	8.4	6
1,1-Dichloroethane	1400	8.7J	10	8.2
1,1-Dichloroethene	7	1.5	1.4	1.3
1,4-Dioxane	7.7	NA	NA	NA
Acetone	6300*	5U	5U	5U
Benzene	5	0.5U	4.4	0.5U
Bromodichloromethane	0.2*	0.5U	0.5U	0.5U
Chloromethane	-	0.5U	0.5U	0.5U
cis-1,2-Dichloroethene	70	1.8	2	1.7
Dichlorodifluoromethane (Freon 12)	1400	0.5U	0.5U	0.5U
Methylene Chloride	5**	0.5U	0.5U	0.5U
Tetrachloroethene	5	0.35J	0.41J	0.39J
Toluene	1000	0.5U	0.53	0.5U
trans-1,2-Dichloroethene	100	0.26J	0.3J	0.22J
Trichloroethene	5	1.3	1.5	1.4
Trichlorofluoromethane (Freon 11)	2100	0.5U	0.33J	0.12J
Xylene (Total)	10,000	0.5U	0.79J	0.5U

EPA Sample ID Station Location Interval (ft. bgs) Date		E3WP0 A4-MW401B 61 - 65 11/11/2009	E3WQ8 A4-MW401B 61 - 65 2/10/2010	E3WQ9 A4-MW401B 61 - 65 2/10/2010	E5297 A4-MW401B 61 - 65 6/14/2010	E52C7 A4-MW401B 61 - 65 10/6/2010	E52G9 A4-MW401B 61 - 65 1/13/2011	E52H0 A4-MW401B 61 - 65 1/13/2011	E52K4 A4-MW401B 61 - 65 4/18/2011	E52N0 A4-MW401B 61 - 65 7/19/2011	E52R4 A4-MW401B 61 - 65 10/11/2011	E52R5 A4-MW401B 61 - 65 10/11/2011	E52P8 A4-MW401B 61 - 65 1/10/2012	E52Q6 A4-MW401B 61 - 65 1/10/2012	E52Q7 A4-MW401B 61 - 65 1/10/2012	E3XB5 A4-MW401B 61 - 65 7/25/2012	E3XB6 A4-MW401B 61 - 65 7/25/2012	E3XF5 A4-MW401B 61 - 65 1/15/2013	E3XK4 A4-MW401B 61 - 65 7/22/2013	E3XM3 A4-MW401B 61 - 65 12/17/2013	E3XN5 A4-MW401B 61 - 65 5/21/2014	E3XS0 A4-MW401B 61 - 65 12/16/2014	E3XT9 A4-MW401B 61 - 65 5/20/2015
Analyte Name	RG																						
1,1,1-Trichloroethane	200	15	12J	10	6.1	10	9.2	8.8	10	6.3	4.6J	4J	6.6	8.1	6.9	6.7	6.2	7.2	4.3	5.3	6.2	8	7.1
1,1-Dichloroethane	1400	16	10	9.5	5.2	10	8.8	8.4	8.2	6.6	5.1	4.6J	6.6	8.2	7.9	7	6.4	8.5	7	6.8	8.6	12	11
1,1-Dichloroethene	7	0.5U	2	0.5U	1	5U	1.7J	1.9J	1.4J	1.9J	5U	5U	5U	5U	5U	5U	5U	5U	1.2	0.78J	1.3J	2	1.6
1,2,3-Trichlorobenzene	-	0.5U	0.5U	0.5U	0.5U	5UJ	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.32J
1,2,4-Trichlorobenzene	70*	0.5U	0.5U	0.5U	0.5U	5UJ	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.21J
Bromodichloromethane	0.2*	0.5U	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.13J
cis-1,2-Dichloroethene	70	34D	7.1	6.7	3.8	6.8	5.2	5J	5.3	4J	3.2J	2.7J	4.1J	5J	3.6J	3J	2.9J	2.8J	2.2	1.9	1.9	2.7	2.5
Dichlorodifluoromethane (Freon 12)	1400	0.5U	0.5U	0.5U	0.5U	0.74J	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.5U	0.5U
Methylene Chloride	5**	1U	0.5UJ	0.5U	0.5U	5U	5U	5U	5U	5U	12U	12U	5U	5U	5U	5U	5U	10U	0.5U	0.5U	0.5U	0.5U	1U
Tetrachloroethene	5	0.45J	0.38J	0.33J	0.5U	5U	0.35J	0.35J	5U	0.34J	5U	5U	5U	5U	5U	0.57J	5U	5U	0.29J	0.72	0.4J	0.53	0.4J
Toluene	1000	0.5U	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5.7	5.8	0.72J	0.69J	5U	0.51J	0.29J	0.5U	2.3U	0.5U
trans-1,2-Dichloroethene	100	0.46J	0.27J	0.27J	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.5U	0.18J	0.28J
Trichloroethene	5	4.8	3.7	3.3	1.8	3.4J	3.2J	3.3J	3J	2.5J	5U	5U	2.5J	2.9J	1.4J	2.2J	2.1J	2J	1.3J	1.3	1.2	1.7	1.2
Trichlorofluoromethane (Freon 11)	2100	0.5U	0.5UJ	0.5U	0.5U	5U	0.14J	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.5U	0.5U	0.36J	0.43J	0.21J
Xylene (total)	10,000	0.5U	0.5U	0.5U	0.5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	0.37J	0.27J	0.5U	5	0.5U

Notes:

All results in micrograms per liter

Remediation goals from Record of Decision or Class I Groundwater Standard from 35 IAC 620.410

Shaded results exceed remediation goal

* Remediation goal from TACO (35 IAC 742)

D = Duplicate sample

D = Diluted sample result

U = Not detected at value shown

J = Estimated result

R = Rejected



Table 5-2
Source Area 4 GMZ Summary of Detections (2010 - 2018)
Southeast Rockford Groundwater Contamination Superfund Site

EPA Sample ID Station Location Interval (ft. bgs) Date		E3XZ4 A4-MW401B 61 - 65 4/5/2016	E3Y12 A4-MW401B 61 - 65 10/3/2016	E3Y64 A4-MW401B 61 - 65 5/30/2017	E3Y74 A4-MW401B 61 - 65 11/14/2017	180522 A4-MW401B 61 - 65 5/22/2018
Analyte Name	RG					
1,1,1-Trichloroethane	200	6.3	8	7	8.8	6
1,1-Dichloroethane	1400	11	11	13J	12	8.3
1,1-Dichloroethene	7	0.5U	0.5U	1.4	1.6	1.4
1,2,3-Trichlorobenzene	--	0.5U	0.5U	0.5U	0.5U	0.5U
1,2,4-Trichlorobenzene	70*	0.5U	0.5U	0.5U	0.5U	0.5U
Bromodichloromethane	0.2*	0.14J	0.5U	0.5U	0.5U	0.5U
cis-1,2-Dichloroethene	70	2.4	2.4	2.1	2.4	1.7
Dichlorodifluoromethane (Freon 12)	1400	0.5U	0.5U	0.5U	0.5U	0.5U
Methylene Chloride	5**	0.5U	0.5U	0.25J	0.5U	0.5U
Tetrachloroethene	5	0.31J	0.4J	0.45J	0.41J	0.34J
Toluene	1000	0.5U	0.5U	0.5U	0.64	0.5UJ
trans-1,2-Dichloroethene	100	0.23J	0.32J	0.27J	0.36J	0.24J
Trichloroethene	5	1.3	1.4	1.4	1.6	1.4J
Trichlorofluoromethane (Freon 11)	2100	0.22J	0.5U	0.23J	0.25J	0.5U
Xylene (total)	10,000	0.5U	0.5U	0.5U	0.93J	0.14J

EPA Sample ID Station Location Interval (ft. bgs) Date		E3XH7 A4-MW403 30 - 40 7/22/2013	E3XM5 A4-MW403 30 - 40 12/17/2013	E3XM7 A4-MW403 30 - 40 5/21/2014	E3XM6 A4-MW403 30 - 40 5/21/2014	E3XR3 A4-MW403 30 - 40 12/16/2014	E3XT2 A4-MW403 30 - 40 5/19/2015	E3XZ5 A4-MW403 30 - 40 4/5/2016	E3Y10 A4-MW403 30 - 40 10/3/2016	E3Y65 A4-MW403 30 - 40 5/30/2017	E3Y72 A4-MW403 30 - 40 11/14/2017	180523 A4-MW403 30 - 40 5/23/2018
Analyte Name												
1,1,1-Trichloroethane	200	24D	13	12	14	42D	3.9	70D	12	2	2.3	2.1
1,1-Dichloroethane	1400	7.7	3.1J	4.7	5.8J	14	6.7	20	2.7	3.3J	2.1	3.5
1,1-Dichloroethene	7	2.6	0.39J	0.55	0.67J	1.3	0.73	4.1	0.99J-	1.1	0.4J	0.56
Acetone	6300*	5U	5U	10U	5U	5U	5U	5U	3.3J	5U	5U	5U
Benzene	5	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	3	0.5U
Chloromethane	-	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.27J	0.5U	0.5U	0.5U
cis-1,2-Dichloroethene	70	0.98	0.91	1	1.3J	1.6	1.6	1	0.59J-	0.58	0.46J	0.69
Dichlorodifluoromethane (Freon 12)	1400	0.5U	0.5U	0.5U	0.5U	0.5U	0.38J	0.5U	0.5U	0.5U	0.5U	0.5U
Methylene Chloride	5**	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.22J	0.5U	0.5U
Tetrachloroethene	5	0.5U	0.25J	0.32J	0.39J	0.45J	0.37J	0.22J	0.19J	0.25J	0.5U	0.19J
Toluene	1000	0.5U	0.38J	0.5U	0.5U	2.3U	0.5U	0.5U	0.5U	0.25J	0.55	0.5U
trans-1,2-Dichloroethene	100	0.5U	0.5U	0.077J	0.094J	0.2J	0.5U	0.5U	0.5UJ	0.5U	0.5U	0.5U
Trichloroethene	5	0.58	0.79	0.67	0.8	0.89	0.53	0.55	0.33J	0.5U	0.22J	0.35J
Xylene (total)	10,000	0.32J	0.39J	0.5U	0.5U	2.3	0.5U	0.5U	0.1J	0.27J	0.97J	0.19J

EPA Sample ID Station Location Interval (ft. bgs) Date		E3Y66 A4-MW408A 30 - 40 5/30/2017	E3Y68 A4-MW408A-D 30 - 40 5/30/2017	E3Y83 A4-MW408A 30 - 40 11/15/2017	E3Y84 A4-MW408A-D 30 - 40 11/15/2017	180523 A4-MW408A 30 - 40 5/23/2018	180523 A4-MW408A-D 30 - 40 5/23/2018
Analyte Name							
1,1,1-Trichloroethane	200	4.4J	4.6J	5U	5U	3.5	3.5
1,1-Dichloroethane	1400	8.9	9.6	9	8.5	9.9	9.9
1,1-Dichloroethene	7	5U	5U	5U	5U	1.6	1.7
Benzene	5	5U	5U	3.6J	3.3J	0.5U	0.5U
cis-1,2-Dichloroethene	70	2J	2.1J	1.9J	1.8J	1.9	1.9
Tetrachloroethene	5	5U	5U	5U	5U	0.24J	0.25J
Toluene	1000	5U	5U	5U	0.58J	0.5U	0.5U
trans-1,2-Dichloroethene	100	5U	5U	5U	5U	0.26J	0.25J
Trichloroethene	5	5U	5U	0.72J	0.68J	0.72	0.72
Xylenes (total)	10,000	5U	5U	5U	5U	0.15J	0.16J

Notes:

All results in micrograms per liter

Remediation goals from Record of Decision or Class I Groundwater Standard from 35 IAC 620.410

Shaded results exceed remediation goal

* Remediation goal from TACO (35 IAC 742)

D = Duplicate sample

D = Diluted sample result

U = Not detected at value shown

J = Estimated result

R = Rejected

Attachment 2B

NPL PARTIAL DELTION DOCKET REPORTS INDEX
Southeast Rockford Groundwater Contamination Site, Source Area 4

Docket ID	Phase Name	Sequence	Document ID	Document Status	Document Title	Document Type
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0151	DoNotPost	This phase is reserved by: Southeast Rockford Gd Wtr Contamination Rockford, IL, ILD981000417 Region 5	OTHER
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0152	Pending_Post	05-141479 - February 1, 2004 Administrative Record Site Index - Southeast Rockford Groundwater Contamination Project - Remedial Action - Update #21 (ILEPA)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0153	Pending_Post	05-158175 - January 15, 1998 Five Year Review Report (Signed) - Southeast Rockford Groundwater - 1998	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0154	Pending_Post	05-169545 - June 11, 2002 Record of Decision (ROD) (Signed) - Southeast Rockford Groundwater	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0155	Pending_Post	05-169961 - September 5, 2000 CDM INC - Final Focused Feasibility Study (FS) - VOL I OF III	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0156	Pending_Post	05-169962 - September 5, 2000 CDM INC - Final Focused Feasibility Study (FS) - VOL II OF III	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0157	Pending_Post	05-169963 - September 5, 2000 CDM INC - Final Focused Feasibility Study (FS) - VOL III OF III	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0158	Pending_Post	05-169964 - April 11, 2000 CDM INC - Final Risk Assessment Report	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0159	Pending_Post	05-169965 - July 25, 2000 CDM INC - Final Remedial Investigation (RI) Report - VOL 1 OF 2 (Section 1-4)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0160	Pending_Post	05-169966 - July 25, 2000 CDM INC - Final Remedial Investigation (RI) Report - VOL 2 OF 2 (Appendices A-G)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0161	Pending_Post	05-176762 - May 15, 2003 Second Five Year Review Report (Signed) - Southeast Rockford Groundwater Contamination - 2003	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0162	Pending_Post	05-206945 - September 29, 1995 Declaration Of Record Of Decision (ROD) (Signed) - Southeast Rockford	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0163	Pending_Post	05-216793 - April 21, 2004 Administrative Record Site Index - Original	SUPPORTING & RELATED MATERIALS

EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0164	Pending_Post	05-216796 - February 1, 2001 Fact Sheet: Feasibility Study & Proposed Plan	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0165	Pending_Post	05-216798 - May 1, 2002 Responsiveness Summary For Source Control Feasibility Study and Proposed Plan	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0166	Pending_Post	05-216805 - May 15, 2003 Second Five Year Review Report - 2003	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0167	Pending_Post	05-291219 - May 15, 2008 Third Five Year Review Report (SIGNED) - 2008	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0168	Pending_Post	05-298492 - April 20, 2000 EPA Letter RE: Comments on Final Risk Assessment Report	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0169	Pending_Post	05-298523 - October 13, 2005 CDM INC MEMO RE: Interim Soil Removal At Source Area 4, 09/15/05 - 09/16/05	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0170	Pending_Post	05-303050 - September 18, 2007 CDM Inc. - Technical Memorandum - Source Area 4 Pre-Design Aquifer Testing	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0171	Pending_Post	05-303054 - September 13, 2004 CDM Inc. - (Draft Final Report) Construction Quality Assurance Plan - Source Area 4 Remedial Design	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0172	Pending_Post	05-303055- September 13, 2004 CDM Inc. - (Draft Final Report) Performance Standards Verification Plan - Source Area 4 Remedial Design	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0173	Pending_Post	05-326189 - March 31, 2006 CDM Inc. - Technical Memorandum - Source Area 4 Pre Design Field Study	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0174	Pending_Post	05-385925 - February 1, 2011 CDM - Interim Leachate Component Remedial Action Completion Report - Source Area 4	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0175	Pending_Post	05-385939 - February 18, 2011 EPA Letter Re: Approval of Final Completion Report for Leachate Component of Source Area 4 Remedial Action	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0176	Pending_Post	05-410968 - July 27, 2012 EPA - Explanation of Significant Differences (ESD) (Signed)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0177	Pending_Post	05-452875 - May 13, 2013 Fourth Five Year Review Report (Signed) - 2013	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0178	Pending_Post	05-521819 - October 1, 2007 CDM - IL EPA Source Area 4 Leachate Treatment Remedial Design Specifications (2010300074 - Winnebago County Contract NO. 1302)	SUPPORTING & RELATED MATERIALS

EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0179	Pending_Post	05-521832 - November 1, 2007 CDM - IL EPA Construction Quality Assurance Plan Source Area 4 Remedial Design (Draft Final Report)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0180	Pending_Post	05-521833 - November 1, 2007 CDM - IL EPA Quality Assurance Project Plan Source Area 4 Remedial Design (Draft Final)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0181	Pending_Post	05-521834 - November 1, 2007 CDM - IL EPA Sampling and Analysis Plan Source Area 4 Remedial Design (Draft Final)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0182	Pending_Post	05-534029 - July 22, 2004 IL EPA Letter RE: Comments on Pre-Design Investigation	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0183	Pending_Post	05-540289 - September 1, 2004 Camp Dresser and McKee Inc. - Source Area 4 Remedial Design (Drawings)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0184	Pending_Post	05-924593 - June 14, 1991 Redated Record of Decision (ROD) (Signed) - SE Rockford Groundwater Contamination	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0186	Pending_Post	05-932021 - January 1, 1995 [Redacted] CDM INC - Remedial Investigation (RI) Final Report - [Text] - Part 1 of 3	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0187	Pending_Post	05-932022 - March 1, 1993 [Redacted] CDM INC - Work Plan - Phase II Remedial Investigation/Feasibility Study (RI/FS)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0188	Pending_Post	05-937481 - January 1, 1995 [Redacted] CDM INC - Remedial Investigation (RI) Final Report Appendices A-F Part 2 of 3	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0189	Pending_Post	05-937482 - January 1, 1995 [Redacted] CDM INC - Remedial Investigation (RI) Final Report - Appendices G1-M - Part 3 OF 3	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0190	Pending_Post	05-937962 - November 29, 2017 (REDACTED) CH2M Hill Technical Memorandum - Soil Gas and Vapor Intrusion Investigations - WA NO. 200-TATA-05DK/CONTRACT NO. EP-S5-06-01	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0191	Pending_Post	05-940564 - September 1, 1990 REDACTED CDM INC - Final Remedial Investigation Technical Memorandum	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0192	Pending_Post	05-940972 - May 10, 2018 Fifth Five Year Review Report (Signed) - 2018	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0193	Pending_Post	05-002581 - December 6, 2017 CDM Smith - Soil Component Remedial Action Completion Report, Source Area 4	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0195	Pending_Post	05-2002583 - September 1, 2019 CDM Smith - Long-Term Remedial Completion Report, Source Area 4	SUPPORTING & RELATED MATERIALS

EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0196	Pending_Post	05-2002587 - September 17, 2018 IL EPA Letter RE: Completion of OU3 SA4 Proposal to Discontinue the Leachate System	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0197	Pending_Post	05-2002632 - May 1, 2018 CDM Smith - Source Area 4 Groundwater Management Zone 2017 Report	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0198	Pending_Post	05-2002633 - April 1, 2017 CDM Smith - Source Area 4 Groundwater Management Zone - 2015 and 2016 Report	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0199	Pending_Post	05-2002634 - October 24, 2018 US EPA Letter RE: Concurrence With IL EPA Proposal To Decommission The Leachate System At Source Area 4	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0200	Pending_Post	05-303058 - September 1, 2004 CDM INC - Source Area 4 Pre-Final Design (Response to IL EPA Comments Attached)	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0236	Metadata_ Ready	05-2002670 - April 14, 2020 CDM SMITH SOIL COMPONENT REMEDIAL ACTION COMPLETION REPORT EXCERPT W/TRS EMAIL AUTHORIZING RELEASE	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0280	Metadata_ Ready	05-2002571 - May 8, 2000 IEPA Letter RE: State Concurrence with Partial Deletion of Source Area 4, Operable Unit 3 from the National Priorities List	SUPPORTING & RELATED MATERIALS
EPA-HQ-SFUND-1989-0008	Proposed Rule	8	EPA-HQ-SFUND-1989-0008-DRAFT-0282	Metadata_ Ready	05-2002757 - May 20, 2020 EPA Memo RE: Headquarters Concurrence on the Southeast Rockford Groundwater Contamination Superfund Site Notice of Intent to Partially Delete	SUPPORTING & RELATED MATERIALS

ADD:
FINAL PARTIAL DELETION JUSTIFICATION REPORT
NEWSPAPER AD

Attachment 3



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

(217) 782-3397

May 8, 2020

Mr. Kurt Thiede
Regional Administrator, Region 5
United States Environmental Protection Agency
77 West Jackson Boulevard
Mail Code: SR-6J
Chicago, Illinois 60604-3590

Re: 2010300074 – Winnebago County
Southeast Rockford Groundwater Contamination NPL Site, Area 4
National Priorities List Site Partial Deletion
Superfund/Technical

Dear Mr. Thiede:

The purpose of this letter is to transmit Illinois EPA's formal concurrence with the partial delisting of Source Area 4 from the Southeast Rockford Groundwater Contamination National Priorities List Site in Rockford, Illinois.

The Illinois Environmental Protection Agency (Illinois EPA or Agency) is in receipt of the United States Environmental Protection Agency's Draft Partial Deletion Justification and Notice of Intent for Partial Deletion (NOIPD) of Source Area 4 of the Southeast Rockford Groundwater Contamination Site from the NPL which were submitted via electronic mail on March 31, 2020.

After reviewing the submitted documents and 40 CFR 300.425(e), the Illinois EPA concurs with the determination that all appropriate response actions under CERCLA have been completed for Source Area 4.

This determination is being made in accordance with implementing regulations of the Comprehensive Environmental Response, Compensation and Liabilities Act of 1980, as amended (CERCLA or Superfund) found at 40 Code of Federal Regulations 300.425(e) regarding State concurrence on the deletion of sites from the National Priorities List.

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120

9511 W. Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 4-500, Chicago, IL 60601

National Priorities List Partial Delisting Concurrence Letter
Southeast Rockford Groundwater Contamination Site
Rockford, Illinois
May 8, 2020
Page 2 of 2

If you have any questions regarding anything in this letter or require any additional information, please contact Brian Conrath, the Agency-assigned Project Manager for this site, at (217) 557-8155 or via electronic mail at brian.conrath@illinois.gov.

Sincerely,



John J. Kim
Director
Illinois Environmental Protection Agency

BAC:cah:ptl:P\SERockford\Area 4\SA4DelistingConcLtr.docx

cc: Doug Ballotti, Superfund Director, U.S. EPA-Region 5
Karen Cibulskis, U.S. EPA
Terese Van Donsel, U.S. EPA

Attachment 4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

May 20, 2020

OFFICE OF
LAND AND EMERGENCY
MANAGEMENT
OLEM – 9360.3-212

MEMORANDUM

SUBJECT: Headquarters Concurrence on the Southeast Rockford Groundwater Contamination Superfund Site Notice of Intent to Partially Delete

FROM: Dana L. Stalcup, Acting Director **DANA STALCUP** Digitally signed by DANA STALCUP
Office of Superfund Remediation and Technology Innovation, OLEM Date: 2020.05.20 08:25:00 -04'00'

TO: Kurt Thiede, Regional Administrator
Region 5

Background

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Delegation of Authority 14-17, National Priorities List (NPL) Determinations, pursuant to CERCLA's section 105 requires formal Office of Land and Emergency Management (OLEM) concurrence before a Regional Administrator signs the notice of intent to partially delete. This memorandum completes the Headquarters concurrence requirement.

Consistent with section 300.425 of the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), releases may be deleted from or re-categorized on the NPL where no further response is appropriate. In consultation with the state, the U.S. Environmental Protection Agency (EPA) shall consider whether any of the following criteria have been met: "(i) responsible parties or other persons have implemented all appropriate response actions required; (ii) all appropriate Fund-financed response under CERCLA has been implemented, and no further response action by responsible parties is appropriate; or (iii) the remedial investigation has shown that the release poses no significant threat to public health or the environment and, therefore, taking of remedial measures is not appropriate." This partial deletion is in accordance with the Notice of Policy Change: Partial Deletions of Sites Listed on the NPL, 60 FR 55466 (November 1, 1995).

Headquarters Review

Headquarters reviewed the Southeast Rockford Groundwater Contamination Superfund site's draft notice of intent to partially delete and sent written comments to Region 5 based on that review. The region's Superfund office addressed the comments accordingly. Upon completing its

review, Headquarters agrees that the proposed partial deletion action meets the relevant NCP deletion criteria summarized above. The attached checklist summarizes that the notice of intent to partially delete meets both NCP and EPA guidance deletion requirements. The region has ensured that the deletion docket is available for public review and comment.

Action

Headquarters concurs with the Southeast Rockford Groundwater Contamination proposed partial deletion. Please sign and process the appropriate deletion documents. If you have questions, please call me at 202-309-5473 or your staff may call Chip Love at 703-603-0695.

Attachment

cc: Doug Ballotti, SEMD, Region 5
Cyndy Mackey, OECA/OSRE
Brigid Lowery, OLEM/OSRTI
Schatzi Fitz-James, OLEM/OSRTI
Jennifer Hovis, OLEM/OSRTI
Chip Love, OLEM/OSRTI