



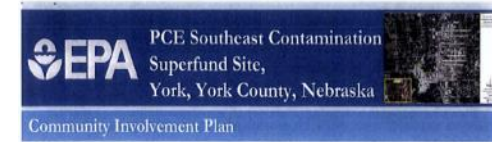
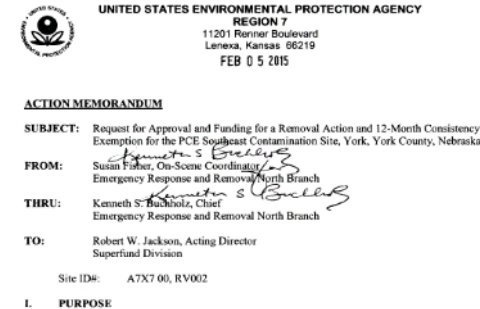
Lot 46 Valley Gardens TCE Superfund Site

**Des Moines, Polk County, Iowa
National Priorities List Proposal
Public Availability Session
Sept. 26, 2023**

Community Involvement

Engage with communities affected by Superfund sites

- ❑ Keep the public well-informed of activities.
- ❑ Encourage the public to get involved.
- ❑ Listen to what the public is saying.
- ❑ Consider whether a change to the planned actions are appropriate in response to public concerns.
- ❑ Coordinate technical assistance grants for an independent technical advisor to work with community groups and explain reports.



SECTION I Overview of the Community Involvement Plan

This **Community Involvement Plan** identifies issues of concern and interest to the community potentially affected by the Tetrachloroethylene (PCE) Southeast Contamination Superfund Site in York, York County, Nebraska. (Terms that are in **bold** text are defined in the Glossary in Appendix D and/or identified within the acronym list in Appendix E of this CIP.) This CIP contains information from the files of the U.S. Environmental Protection Agency Region 7 office, as well as information gathered by the EPA during community interviews and conversations with other interested parties and regulatory authorities.

EPA will use the information in this CIP to help identify and address current matters of concern, and to review past community involvement efforts as the cleanup project progresses. The CIP will also provide guidance to EPA staff and help to ensure that community needs are addressed throughout the **cleanup** process.

The CIP is intended to:

- Encourage community interest and participation throughout EPA's involvement at the site.
- Initiate and support two-way communication between EPA and the community.
- Help ensure that community members understand the **Superfund** process, and the opportunities it offers them to participate in the decision-making process regarding the site cleanup.

EPA Invites Your Comments	In This Plan
If you have comments on this community involvement plan, please contact: Tamara Freeman, Community Engagement	Section 1 – Overview of the Community Involvement Plan Section 2 – Community Involvement Plan



Public Meeting Moderator and Presenters

Amelia Holcomb



**Community Involvement
Coordinator**

Lauren Murphy



**Remedial Project
Manager**

Kumud Pyakuryal



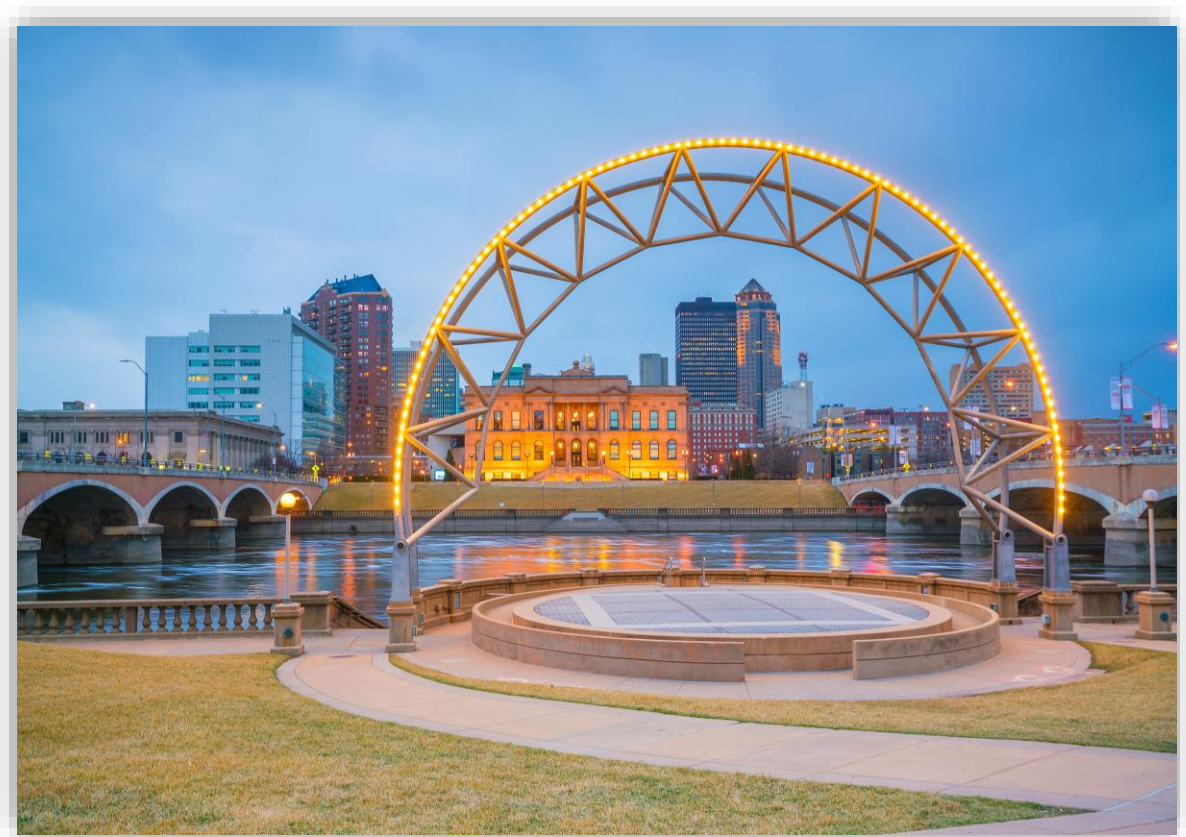
**National Priorities List
Coordinator**

Key Takeaways

- ❑ Contamination at the site poses **no immediate threat** to human health or the environment. **You can drink tap water**, use the park, and enjoy products from businesses within the site boundary as normal.
- ❑ EPA, together with the Des Moines Water Works, will continue to monitor the contamination and if the situation changes, EPA has the authority **to act to immediately** to address it.
- ❑ EPA has proposed the Lot 46 Valley Gardens TCE Site to the **National Priorities List (NPL)**. This process will **protect** the public water supply and **restore** the groundwater.
- ❑ Public comments regarding EPA's proposal of the site to the NPL will be accepted through **Nov. 6, 2023**, and can be submitted via the **Federal eRulemaking Portal, EPA's NPL Agency website, or regular mail**.

Discussion Topics

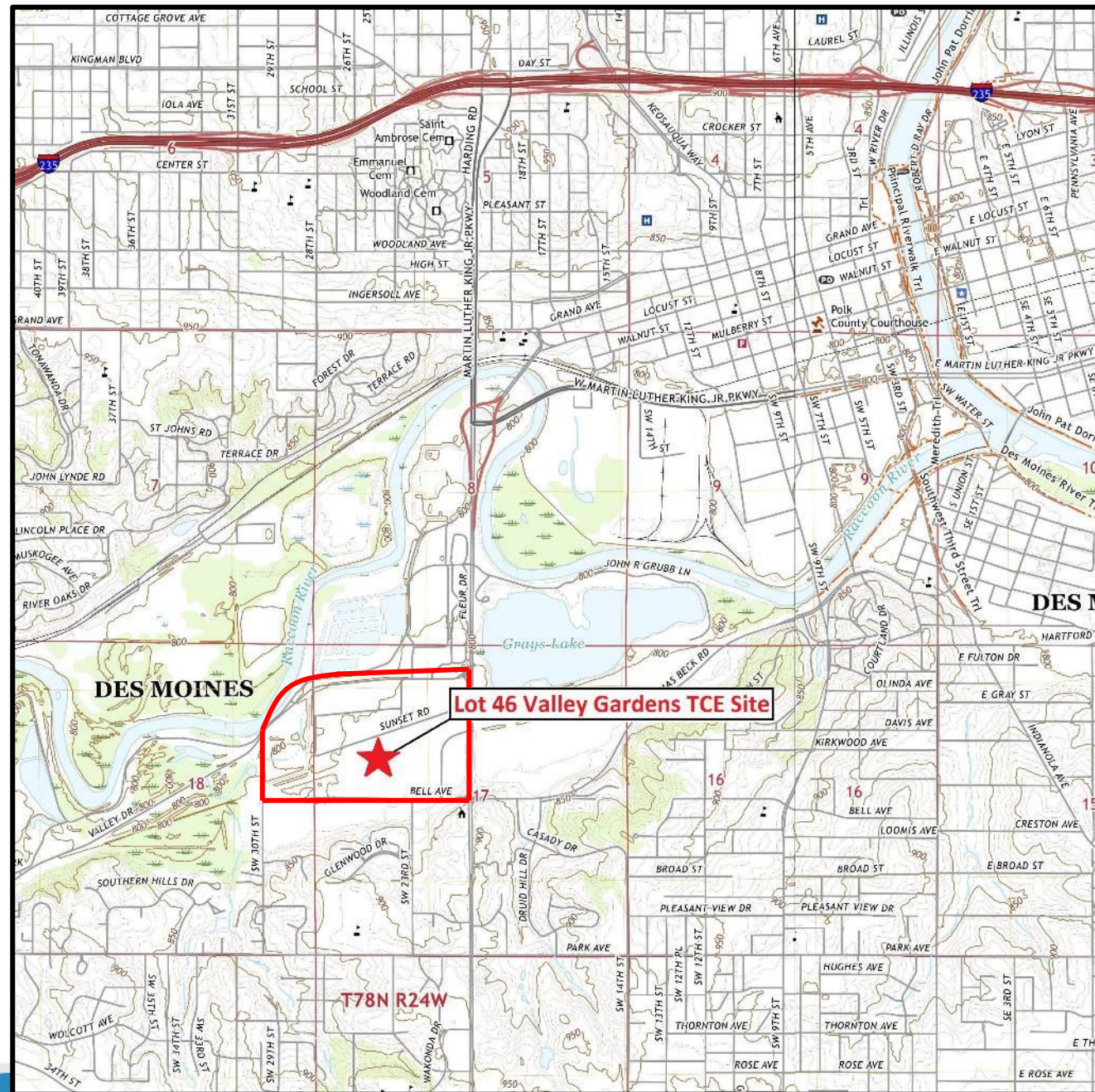
- ❑ Site location and concern
- ❑ Superfund process
- ❑ National Priorities List Proposal
- ❑ How to submit public comments



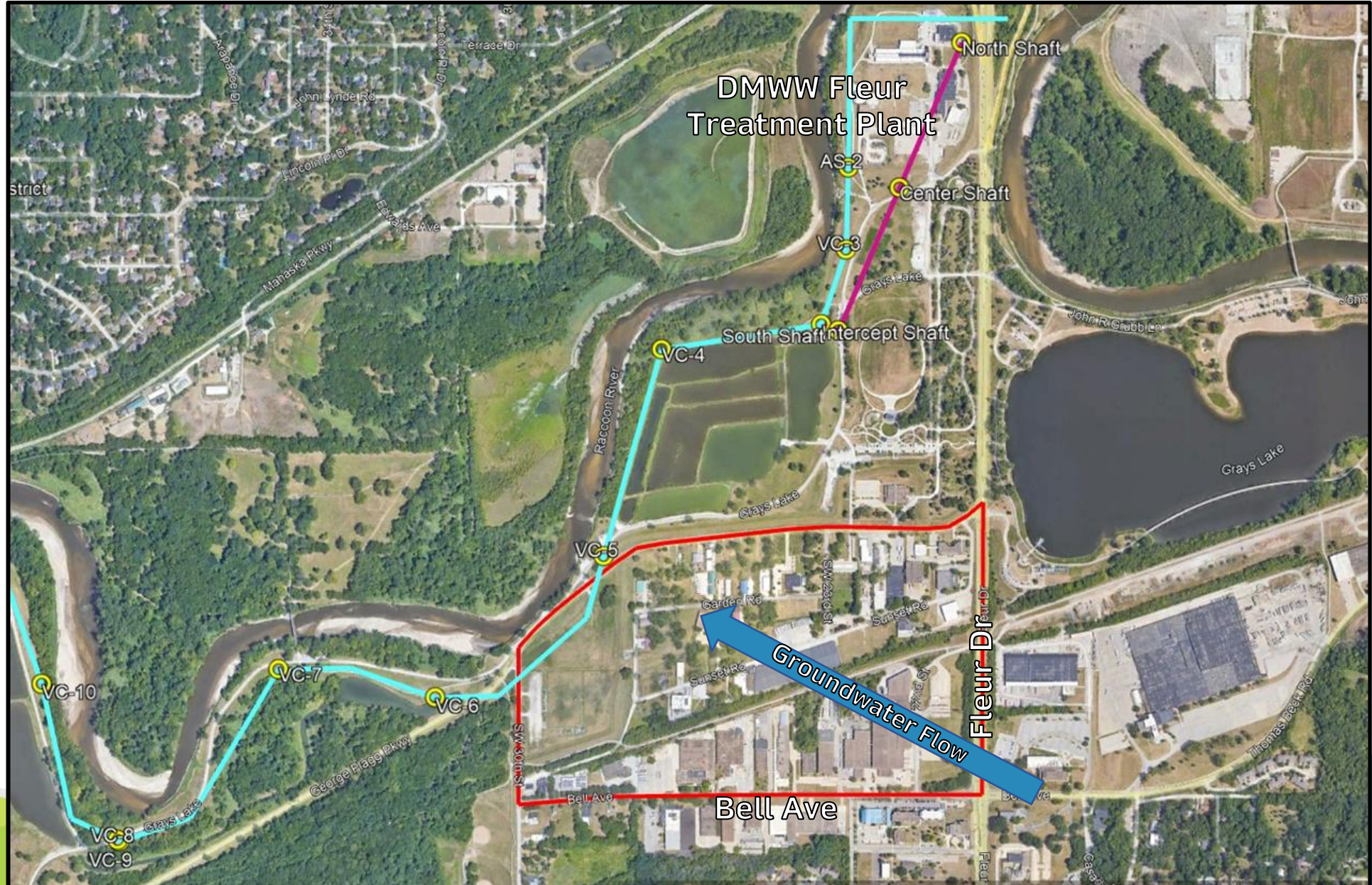
Des Moines Skyline

Site Location

- ❑ **Location:** Des Moines, Polk County, Iowa
- ❑ **Population:** 212,000 (2022)
- ❑ **Surrounding Community/Land Use:**
 - Properties near the site are zoned commercial.
 - Land use at the site is mixed light industrial and heavy commercial, as well as park and recreational.

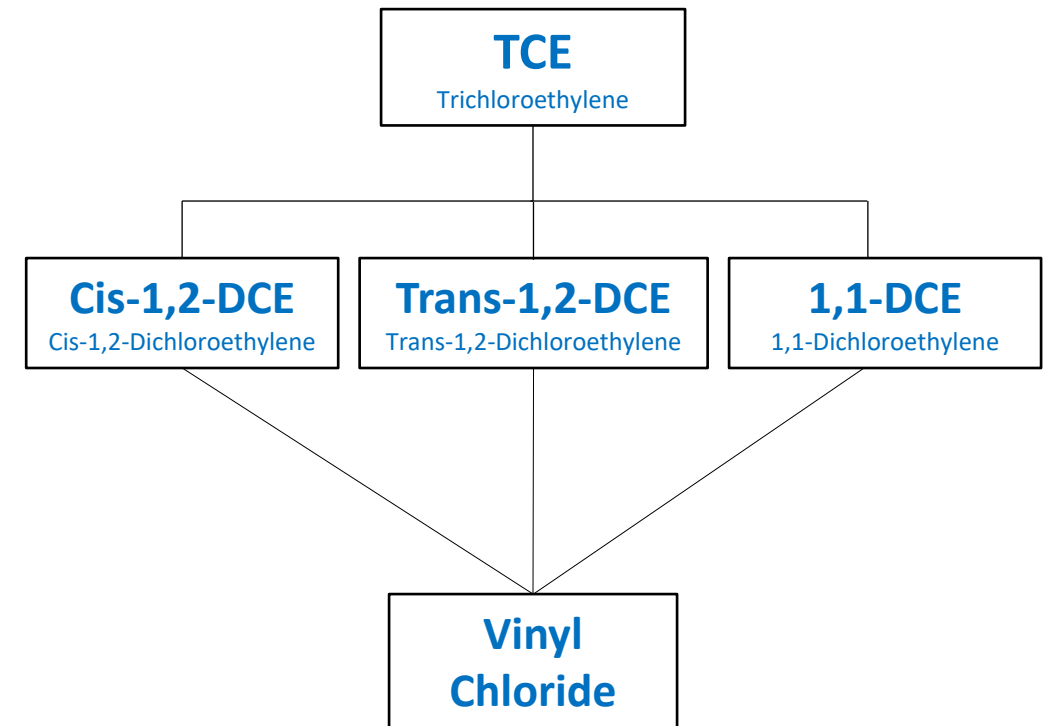


Site Location



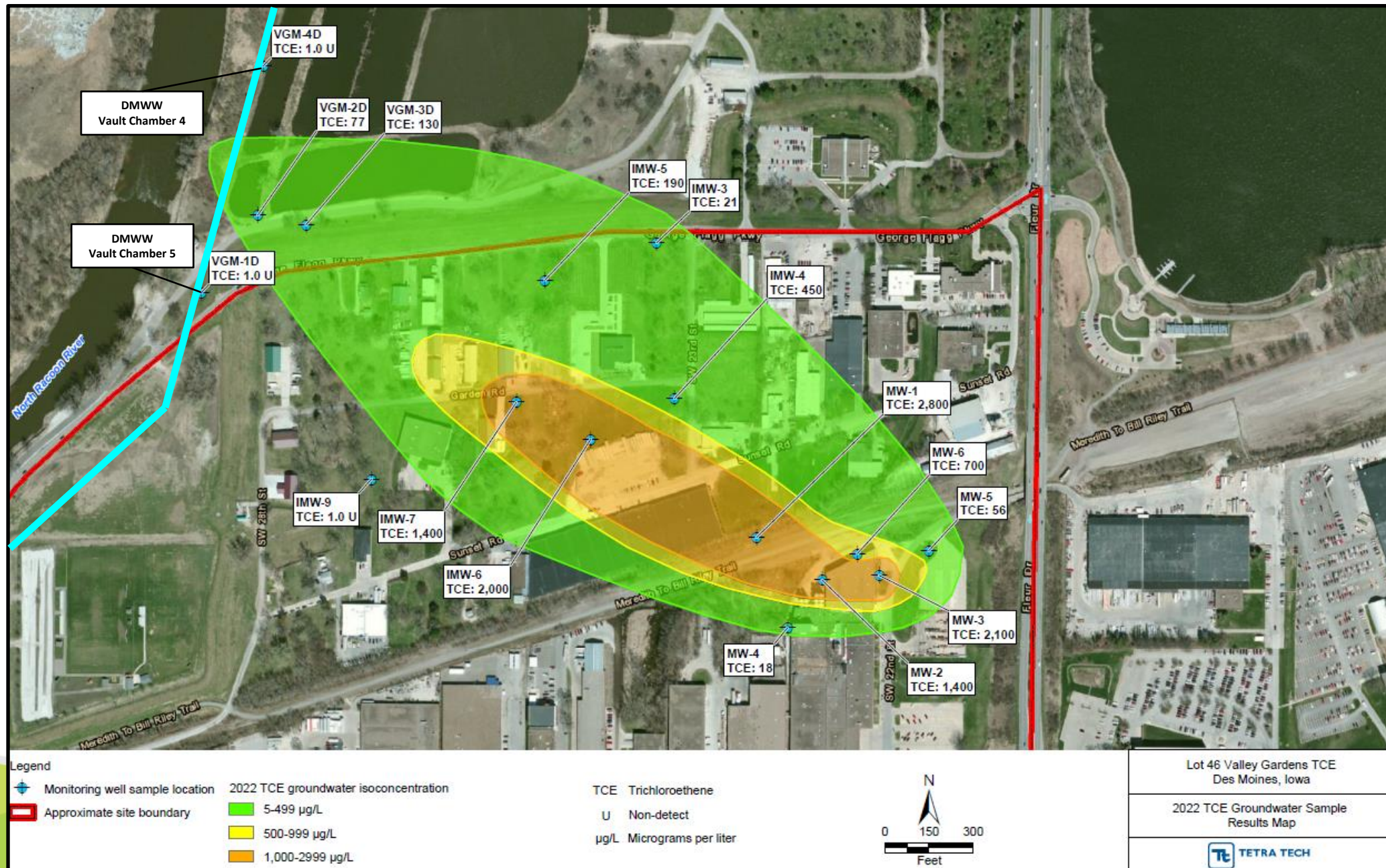
Site Concern

- ❑ The Lot 46 Site has a contaminated groundwater plume approximately 0.5 miles long and 0.25 miles wide that extends northwest from south of the Bill Riley Trail toward the Des Moines Water Works infiltration gallery system.
- ❑ The primary contaminant associated with the site is Trichloroethylene (TCE) and its degradation products: 1,1-Dichloroethylene (DCE); cis-1,2-DCE; trans-1,2-DCE; and vinyl chloride.

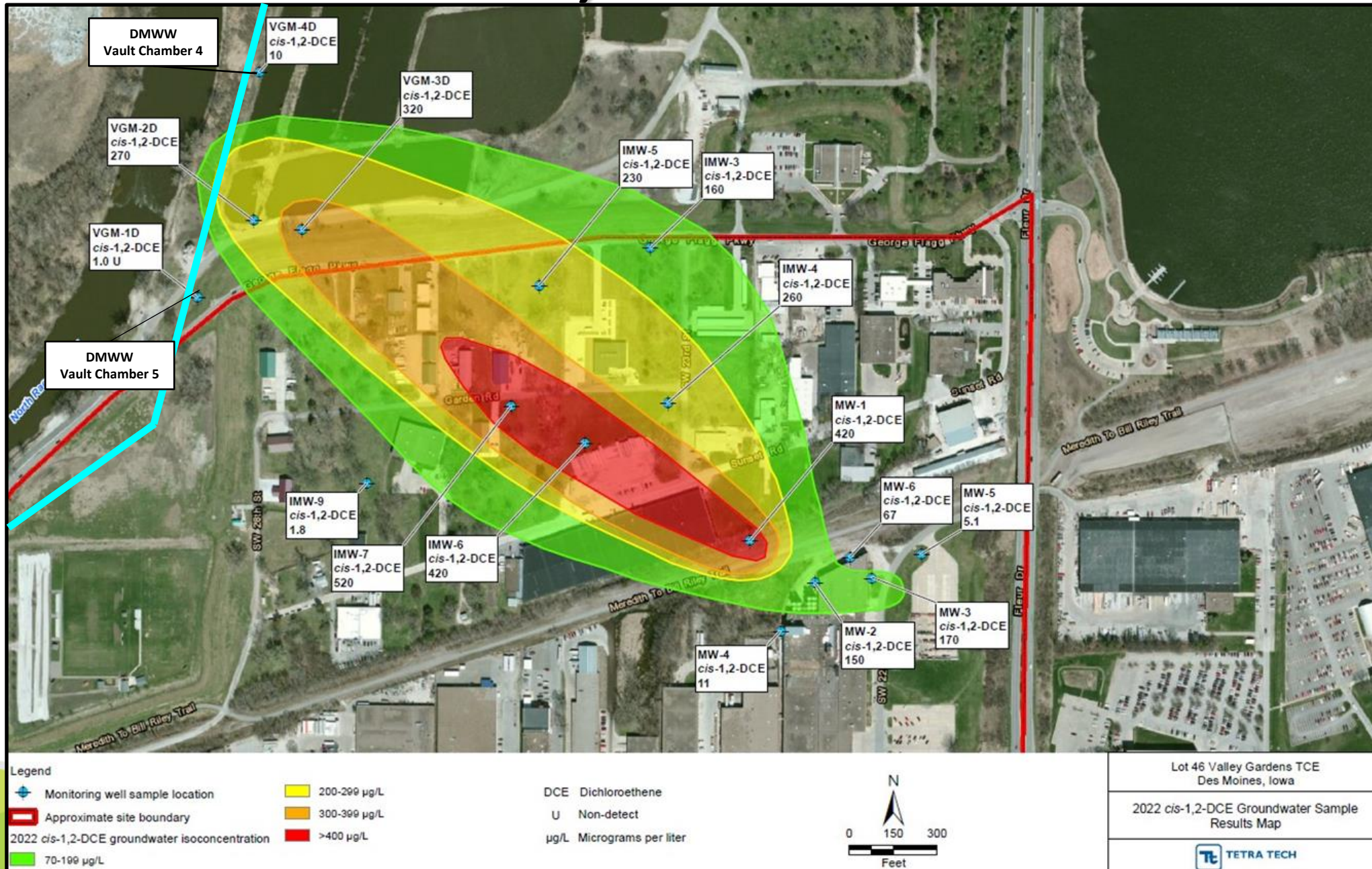


Breakdown of TCE into daughter products

Extent of TCE Contamination



Extent of cis-1,2-DCE Contamination



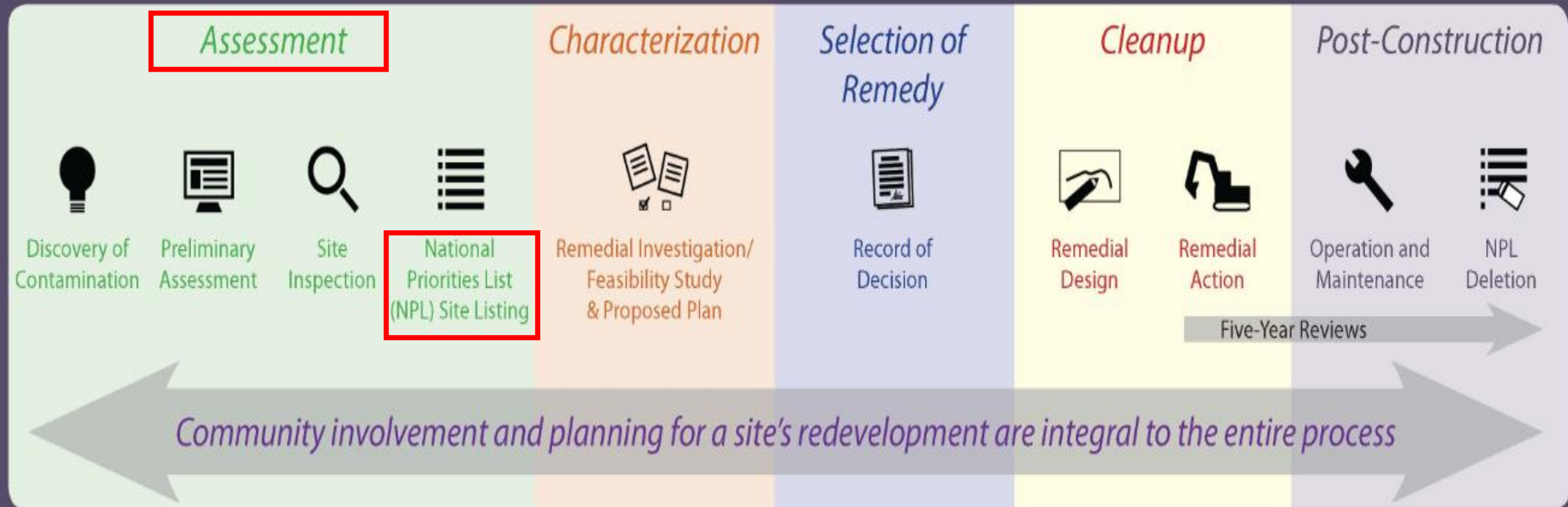
Current Site Conditions

- ❑ TCE and cis-1,2-DCE have been detected in samples collected from the Des Moines Water Works intake gallery along the Raccoon River. Both contaminants have been detected at levels **well below** their respective Maximum Contaminant Levels (MCLs) for drinking water.
- ❑ Trace amounts of cis-1,2-DCE have been detected in finished product water (**well below MCL**) from the DMWW Fleur Treatment Plant.

DMWW INFILTRATION GALLERY RESULTS		
Contaminants of Concern	Maximum Contaminant Level (µg/L)	September 2023 Results (µg/L)
Trichloroethene (TCE)	5	0.5
cis-1,2-Dichloroethene (cis-1,2-DCE)	70	1.2
trans-1,2-Dichloroethene (trans-1,2-DCE)	100	Not Detected
1,1-Dichloroethene (1,1-DCE)	7	Not Detected
Vinyl Chloride (VC)	5	Not Detected

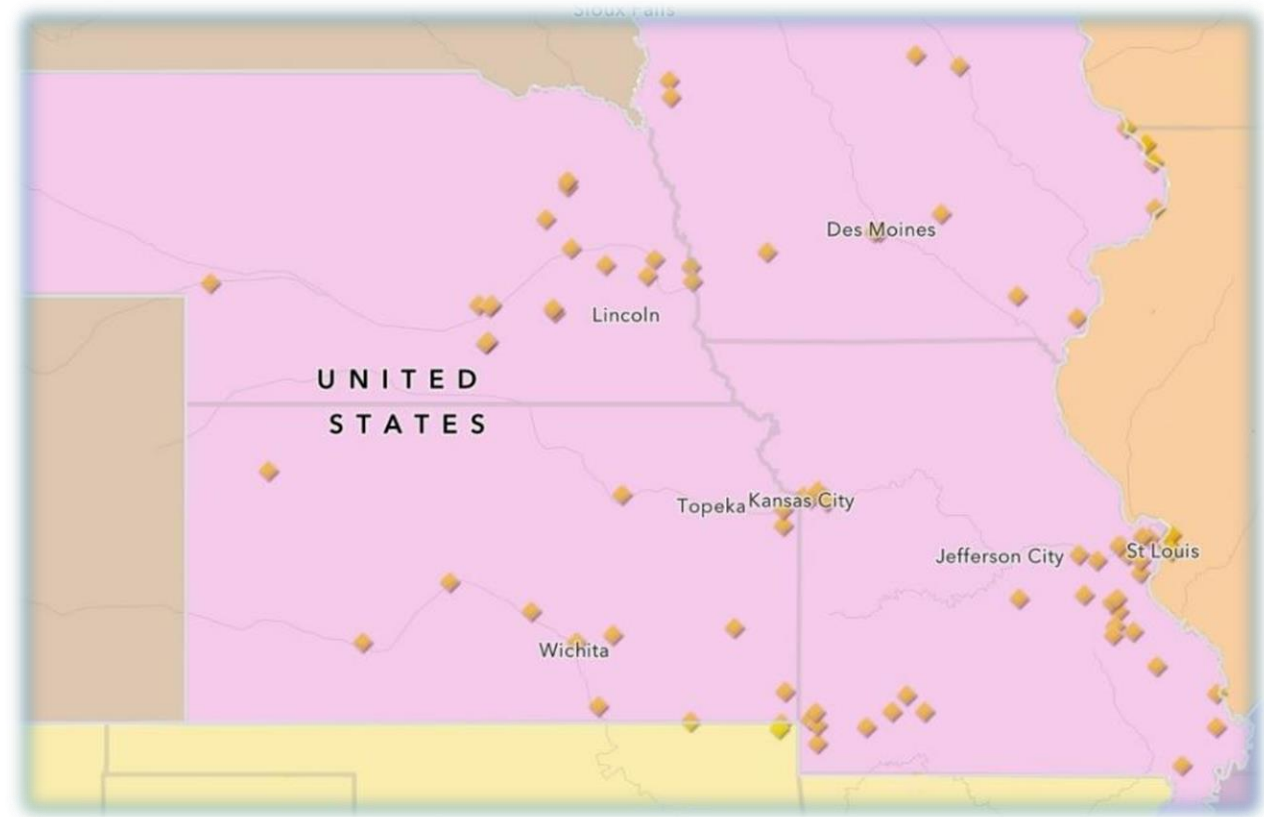
DMWW FINISHED WATER RESULTS		
Contaminants of Concern	Maximum Contaminant Level (µg/L)	September 2023 Results (µg/L)
Trichloroethene (TCE)	5	Not Detected
cis-1,2-Dichloroethene (cis-1,2-DCE)	70	0.6
trans-1,2-Dichloroethene (trans-1,2-DCE)	100	Not Detected
1,1-Dichloroethene (1,1-DCE)	7	Not Detected
Vinyl Chloride (VC)	5	Not Detected

THE SUPERFUND REMEDIAL PROCESS



National Priorities List (NPL)

- ❑ The NPL is a list of national priorities among the known releases or threatened releases of hazardous substances, pollutants or contaminants throughout the United States.
- ❑ Hazard Ranking System (HRS)
 - Numerical scoring system used to assess the threat associated with actual or potential releases of hazardous substances at a site.
 - Evaluates four pathways: soil and vapor intrusion, groundwater, surface water, and air.



Map of active NPL sites in EPA Region 7

NPL Proposal in Federal Register

- ❑ Published in Federal Register:
Vol. 88, No. 172 / Thursday, Sept. 7, 2023 /
Proposed Rules
- ❑ Docket ID Number: EPA-HQ-OLEM-2023-0384

The screenshot displays the Federal Register website interface. At the top, there is a navigation bar with links for Sections, Browse, Search, Reader Aids, and My FR, along with a search box labeled 'Search Documents'. Below this, the National Archives logo is on the left, and the 'FEDERAL REGISTER' title is in the center, with the subtitle 'The Daily Journal of the United States Government'. To the right of the title is the official seal of the Federal Register. A blue banner across the page indicates the date 'Wednesday, September 13th'. Below the banner, there are two main sections: 'Current Issue' and 'Public Inspection'. The 'Current Issue' section shows '105 documents from 50 agencies (305 Pages)' and lists '92 Notices', '4 Presidential Documents', '4 Proposed Rules', '5 Rules', and '1 Significant Document'. The 'Public Inspection' section is divided into 'Special Filing' and 'Regular Filing'. The 'Special Filing' section shows '7 documents from 10 agencies' and '3 Notices', '3 Proposed Rules', and '1 Rule'. The 'Regular Filing' section shows '109 documents from 37 agencies' and '88 Notices', '8 Proposed Rules', and '13 Rules'. At the bottom, there is a search bar labeled 'Search Federal Register Documents' with a text input field 'Enter a search term or citation', a search button, and a result count of '926,814 documents'. Below the search bar are filters for 'R', 'PR', 'N', and 'PD'. A note at the bottom states: 'Note: Documents older than 1994 are not searchable but can be found by FR citation.'

How to Submit Comments

- ❑ Written comments will be accepted through Monday, **November 6, 2023**.
- ❑ Comments must include Docket ID No. **EPA–HQ–OLEM–2023–0384**, and may be submitted by any of the following methods:

1. Federal eRulemaking Portal (preferred method):

<https://www.regulations.gov/document/EPA-HQ-OLEM-2023-0384-0001> – Follow the online instructions for submitting comments or **use provided QR code**.

2. Agency website:

<https://www.epa.gov/superfund/current-npl-updates-new-proposed-npl-sites-and-new-npl-sites> – scroll down to the site for which you would like to submit comments and click the “Comment Now” link.

3. Regular mail:

U.S. Environmental Protection Agency, EPA Docket Center, Superfund Docket, Mail Code 28221T,
1200 Pennsylvania Avenue NW, Washington, DC 20460



Lot 46 Valley Gardens TCE
Federal eRulemaking Portal

Please note that comments received may be posted without change to www.regulations.gov, including any personal information provided.

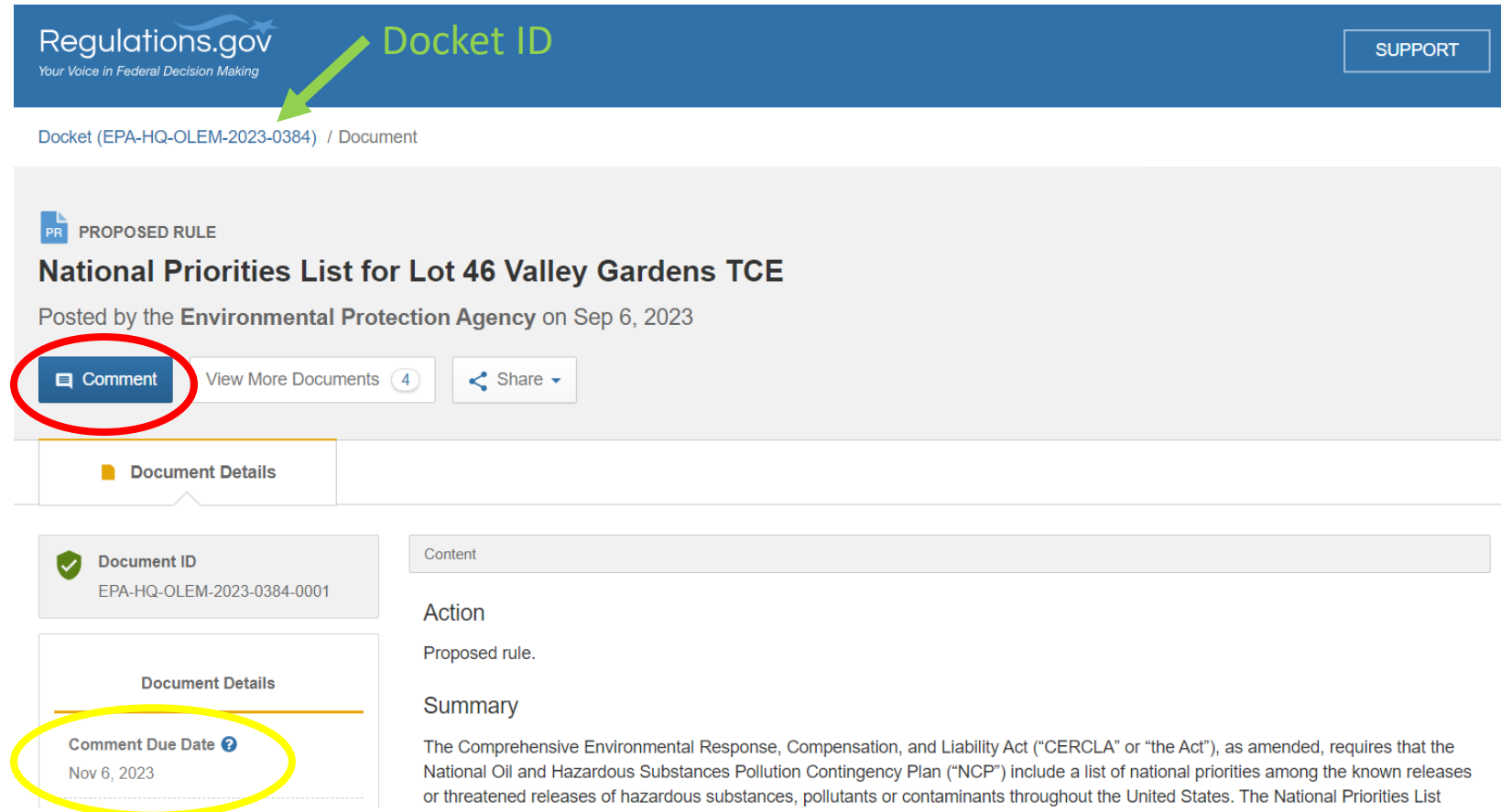
How to Submit Comments (cont.)

Federal eRulemaking Portal:

www.regulations.gov (preferred method).
Follow the online instructions for submitting comments or **use provided QR code.**



Lot 46 Valley Gardens TCE
Federal eRulemaking Portal

A screenshot of the Regulations.gov website. At the top, the 'Regulations.gov' logo is on the left, and a 'SUPPORT' button is on the right. Below the logo, the text 'Your Voice in Federal Decision Making' is visible. A green arrow points from the text 'Docket ID' to the docket number 'EPA-HQ-OLEM-2023-0384'. The main heading is 'National Priorities List for Lot 46 Valley Gardens TCE', with a sub-heading 'Posted by the Environmental Protection Agency on Sep 6, 2023'. Below this, there are three buttons: 'Comment' (circled in red), 'View More Documents' (with a count of 4), and 'Share'. Under the 'Document Details' tab, the 'Document ID' is listed as 'EPA-HQ-OLEM-2023-0384-0001'. In the 'Document Details' section, the 'Comment Due Date' is listed as 'Nov 6, 2023' (circled in yellow). The 'Content' section shows the 'Action' as 'Proposed rule.' and the 'Summary' as 'The Comprehensive Environmental Response, Compensation, and Liability Act ("CERCLA" or "the Act"), as amended, requires that the National Oil and Hazardous Substances Pollution Contingency Plan ("NCP") include a list of national priorities among the known releases or threatened releases of hazardous substances, pollutants or contaminants throughout the United States. The National Priorities List'.

Key Takeaways

- ❑ Contamination at the site poses **no immediate threat** to human health or the environment. **You can drink tap water**, use the park, and enjoy products from businesses within the site boundary as normal.
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After the Public Meeting

For more information, please visit:

response.epa.gov/Lot46ValleyGardensTCE

To submit additional questions after the presentation, please send them to:

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Lenexa, KS 66219

Email: holcomb.amelia@epa.gov

913-551-7952

Toll-free: 1-800-223-0425

Site Contacts

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Thank You

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