



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

TRANSMITTED VIA NJDEP ONLINE PORTAL – TRADITIONAL OVERSIGHT

April 26, 2024

Ms. Kristina Merola
New Jersey Department of Environmental Protection
Contaminated Site Remediation and Redevelopment
Bureau of Case Management
401 East State Street
Trenton, New Jersey 08625-0420

**RE: 2024 Classification Exception Area – Biennial Certification
Pompton Lakes Works Site
Pompton Lakes, New Jersey**

Dear Ms. Merola:

In accordance with New Jersey Administrative Code (N.J.A.C.) 7:26C-7.7, attached is the Classification Exception Area (CEA) Biennial Certification Report for existing CEAs #1 and #3 located onsite, and CEA #4 located offsite associated with the Pompton Lakes Work Site located in Pompton Lakes, Passaic County, New Jersey. On April 3, 2024 a package was submitted to request the removal of CEA #5 (also associated with the Site) in accordance with N.J.A.C. 7:26C-7.3(g), as such a Biennial Certification Report for CEA #5 is not included.

To satisfy Section G, Item 7 of the Biennial Certification Form, a copy of this report will be sent to the appropriate municipal and county clerks and health departments as well as the New Jersey Highlands Commission. Additionally, the report will be placed in the Pompton Lakes Public Library to satisfy the requirement of notifying each current property owner within the footprint of the CEA (applies to the offsite CEA). This will be completed within one week of receiving approval of this submittal from the New Jersey Department of Environmental Protection.

If you have any questions, please contact me at (973) 492-7703.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: Steve Ferreira – USEPA Region II (electronically via OneDrive)
PLW Central File

CEA #1
Pompton Lakes Works Site
Pompton Lakes, New Jersey
PI #007411
CEA100154251



New Jersey Department of Environmental Protection
Contaminated Site Remediation and Redevelopment

**GROUND WATER REMEDIAL ACTION PROTECTIVENESS/
BIENNIAL CERTIFICATION FORM**

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Pompton Lakes Works Site
List All AKAs: DuPont Pompton Lakes Works Site
Street Address: 2000 Cannonball Road
Municipality: Pompton Lakes (Township Borough or City)
County: Passaic Zip Code: 07442
Program Interest (PI) Number(s): 007411
Ground Water Remedial Action Permit (RAP) Number: CEA100154251

SECTION B. FEES

☐ Ground Water Remedial Action Protectiveness/Biennial Certification Form for a Ground Water RAP(No Fee)
Have all outstanding Ground Water RAP annual fees been paid? ☐ Yes ☐ No

☐ Post-NFA Cases (Sites without a Ground Water RAP): Ground Water Remedial Action Protectiveness/Biennial Certification Form

Note: A Ground Water RAP Initial Application is required to be submitted with this form. Please see the Compliance Notice: Post-NFA cases requiring remedial action permits, which includes the fee breakdown:
https://www.nj.gov/dep/srp/enforcement/post_nfa_compliance_notice.pdf.

| Effective on or Before June 30, 2023 | Effective July 1, 2023 |
|---|---------------------------|
| MNA - \$5,610 | \$6,100 |
| Active System- \$5,720 | \$6,320 |

SECTION C. FEE BILLING CONTACT PERSON

☐ Changed Since Last Submission of the Ground Water Remedial Action Protectiveness/Biennial Certification Form
Date of RAP Contact Information Change Form Submission: _____

Business Name: The Chemours Company FC, LLC
First Name of Contact: David Last Name of Contact: Epps
Title: Remediation Principal Project Manager
Phone Number: (973) 492-7703 Ext.: _____ Fax: _____
Mailing Address: 2000 Cannonball Road
Municipality: Pompton Lakes State: New Jersey Zip Code: New Jersey
Email Address: David.E.Epps@Chemours.com

SECTION D. PERSON(S) RESPONSIBLE FOR CONDUCTING THE REMEDIATION

- Has the mailing address changed for the Person(s) Responsible for Conducting the Remediation that is currently listed on the Ground Water RAP for the site? ☐ Yes ☒ No
If "Yes", provide the date of the Ground Water RAP Modification Application submission:
- Has the Contact Person/Information changed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
If "Yes", provide the date of the RAP Contact Information Change Form submission:

SECTION E. CURRENT OWNER(S) OF THE SITE

1. Has the Property Owner changed from what is currently listed on the Ground Water RAP for the site? ☐ Yes ☒ No
If "Yes", provide the date of the RAP Transfer/Change of Property
Ownership Application submission:
2. Has the mailing address changed for the Property Owner that is currently listed
on the Ground Water RAP for the site? ☐ Yes ☒ No
If "Yes", provide the date of the Ground Water RAP Modification Application submission:
3. Has the Contact Person/Information changed since the last submittal of the Ground Water Remedial Action
Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
If "Yes", provide the date of the RAP Contact Information Change Form submission:

SECTION F. ATTACHED DOCUMENTS **Only information as checked below is included in this submittal because this Site is under direct oversight by NJDEP. See Section L for more details.**

Attach electronic copies of the following documents in an email to srp_submissions@dep.nj.gov: (Check all that apply)

*See instructions for how to handle submissions associated with a Post-NFA Case.

- ☒ Ground Water Remedial Action Protectiveness/Biennial Certification Form using the current form on the NJDEP Website (Required).
- ☐ A summary of the ground water sampling results by monitoring well in tabular format to this form, including all historical ground water sampling data associated with the Ground Water RAP (Required).
- ☐ The last four ground water contour maps completed for the site, which includes the extent of the CEA/WRA, monitoring well and AOC locations on it, and the direction of ground water flow at the site (Required).
- ☐ All well inspection reports/logs that have been completed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form (Required).
- ☒ The results of the required updated well search to this form, including a scaled map and a table indicating which wells were previously evaluated (Required).
- ☐ The field sampling sheets since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form (Required).
- ☐ A table summarizing the monitoring well construction details (below ground surface (bgs)) for all the monitoring wells associated with the Ground Water RAP (Required).
- ☐ A contaminant concentration table that compares the GWQS changes and order of magnitude analysis associated with the Ground Water RAP (Required).
- ☐ The Contaminants of Emerging Concern (CECs) evaluation completed associated with the Ground Water RAP (Required).
- ☐ A summary of the Technical Impracticability (TI) Determination and a 5-year evaluation, if applicable.
- ☐ A current Tax Map of the property if the block and lot has changed for the CEA/WRA, if applicable.
- ☐ The vapor intrusion sampling results, including a scaled site map indicating the location of all structures investigated for vapor intrusion, if applicable.
- ☐ Any vapor intrusion sampling results as required from the Operation, Maintenance, & Monitoring (OMM) Plan for the vapor intrusion engineering control(s)/mitigation system(s) for the permit, including the NJDEP Vapor Intrusion Mitigation Monitoring and Maintenance Checklist. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the vapor intrusion engineering control(s)/mitigation system(s) in place (e.g., active or passive), including the address and block and lot of each impacted property.
- ☐ Any vapor intrusion sampling results as required from the Vapor Intrusion (VI) Long-Term Monitoring (LTM) Plan for the permit, if applicable. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the VI LTM Plan or the VI Change in Use Evaluation Plan, including the address and block and lot of each impacted property.
- ☐ The summary of the inspection and a scale site map clearly identifying the buildings with Indeterminate Vapor Intrusion Pathway status, including the address and block/lot of each building, if applicable.
- ☐ The completed Remediation Cost Review and RFS/FA Form with a detailed cost estimate, if applicable.

- ☐ The homeowner or condominium association's annual budget that includes funds for the operation, maintenance, and monitoring of the engineering control(s) associated with the Ground Water RAP, if applicable.
- ☐ The annual statements confirming the value of the Financial Assurance Instrument, if applicable.

SECTION G. REMEDIAL ACTION AND CEA/WRA INFORMATION

1. Type of Ground Water Remediation

a. ☒ Monitored Natural Attenuation

- 1) Has ground water sampling been conducted at the site since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☒ Yes ☐ No

If "Yes", attach a summary of the ground water sampling results by monitoring well in tabular format to this form, including all historical ground water sampling data for the site.

- 2) Has ground water sampling been conducted in accordance with the Ground Water Monitoring Plan for the site? ☐ Yes ☐ No

If "No", provide justification for deviating from the Ground Water Monitoring Plan and attach additional documentation if needed:

- 3) Do the results of the ground water sampling demonstrate that contaminant concentrations have decreased to or below the applicable Ground Water Quality Standards for two ground water sampling events accounting for seasonal fluctuation at the site pursuant to N.J.A.C. 7:26C-7.9(f)? ☐ Yes ☒ No ☐ N/A

If "Yes", then submit a Ground Water RAP Termination Application and skip the rest of this section.

- 4) Is there still a decreasing trend of contaminant concentrations in the ground water? ☒ Yes ☐ No

If "No", provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below:

- 5) Is the behavior of the ground water contaminant plume considered to be shrinking or stable? ☒ Yes ☐ No

If "Yes", check off only one of the following: ☐ Shrinking ☒ Stable

If "No", provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below:

- 6) Is the ground water plume reaching the sentinel wells or sentinel monitoring points? ☐ Yes ☒ No

If "Yes", provide the date of Ground Water RAP Modification submission with the required additional ground water delineation data:

- 7) Is MNA still the appropriate ground water remedial action for the site? ☒ Yes ☐ No

If "No", provide an explanation:

b. ☐ **Active Remediation**

Provide the type of remediation: _____

- 1) Has ground water sampling been conducted at the site since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☐ No

If "**Yes**", attach a summary of the ground water sampling results by monitoring well in tabular format to this form, including all historical ground water sampling data for the site.

- 2) Has ground water sampling been conducted in accordance with the Ground Water Monitoring Plan for the site? ☐ Yes ☐ No

If "**No**", provide justification for deviating from the Ground Water Monitoring Plan and attach additional documentation if needed:

- 3) Do the results of the ground water sampling demonstrate that contaminant concentrations have decreased to or below the applicable Ground Water Quality Standards for two ground water sampling events accounting for seasonal fluctuation at the site pursuant to N.J.A.C. 7:26C-7.9(f)? ☐ Yes ☐ No ☐ N/A

If "**Yes**", then submit a Ground Water RAP Termination Application and skip the rest of this section.

- 4) Is there still a decreasing trend of contaminant concentrations in the ground water? ☐ Yes ☐ No

If "**No**", provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below: _____

- 5) Is the **behavior** of the ground water contaminant plume considered to be shrinking or stable? ☐ Yes ☐ No

If "**Yes**", check off only one of the following: ☐ Shrinking ☐ Stable

If "**No**", provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below: _____

- 6) Is the ground water plume reaching the sentinel wells or sentinel monitoring points? ☐ Yes ☐ No

If "**Yes**", provide the date of Ground Water RAP Modification submission with the required additional ground water delineation data: _____

- 7) Is the ground water remedial action performing as designed? ☐ Yes ☐ No

If "**No**", provide an explanation:

- 8) Has the active ground water treatment system been shutdown for longer than 48-hours since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☐ No ☐ N/A

If "**Yes**", provide an explanation for the shutdown, including the duration of the shutdown and whether or not the shutdown rendered the Remedial Action not protective of public health, safety and of the environment:

2. Has a Technical Impracticability (TI) Determination been approved? ☐ Yes ☒ No
 If "Yes", please provide the date of the TI Approval Letter from the Department:
- Attach** a summary of the TI Determination and a 5-year evaluation, if applicable.
3. Since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form, has any ground water contamination been determined to have migrated onto the site/property from an off-site source that is not included in the Ground Water RAP? ☐ Yes ☒ No
 If "Yes", provide the communication center number that was received when called into the Hotline and a discussion of the issue below.
 Hotline Communication Center Number:
 Discussion:
4. Has the ground water flow direction changed at the site such that the sentinel well(s) is no longer downgradient and protective of all receptors? ☐ Yes ☒ No
 If "Yes", provide the date of Ground Water RAP Modification submission with the required additional ground water delineation data:
5. Has the CEA/WRA been revised for any reason that did not require conducting additional remediation? ☐ Yes ☒ No
 If "Yes", provide the date of Ground Water RAP Modification submission:
6. Did the Municipal Block and Lot number(s) of the CEA/WRA change since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
 If "Yes", attach a current Tax Map of the property and list the former and new Municipal Block and Lot numbers of the CEA/WRA below:
 Former Municipal Block and Lot Number(s):
 New Municipal Block and Lot Number(s):
7. Did you provide hard copies of this form to the municipal and county clerks for each municipality and county in which the CEA/WRA is located; the local, county and regional health department for each municipality and county in which the CEA/WRA is located; each current owner of the site; each current operator of the site; each current property owner within the footprint of the CEA/WRA; the Pinelands Commission or the Highlands Commission, as applicable? ☒ Yes ☐ No
8. Have any monitoring wells associated with the CEA/WRA been damaged, vandalized, repaired, replaced, decommissioned, or could not be located? ☐ Yes ☒ No
 If "Yes", describe what occurred and attach additional documentation as necessary (i.e., maintenance and evaluation logs for all the monitoring wells, a copy of any Well Abandonment Report(s), construction specifications for each new/replacement well, documentation that the Bureau of Water Allocation and Well Permitting was contacted for any monitoring wells that could not be located, etc.):

9. Has a replacement monitoring well(s) been installed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
- If "Yes", was the replacement well installed within 10 feet of the former well location? ☐ Yes ☐ No

If "No", then either:

Provide the justification supporting the protectiveness of the ground water remedial action in Section L below

or

Provide the date of the Ground Water RAP Modification Application submission:.....

Attach the construction specifications for each new well.

10. Since the Ground Water RAP was issued, did the comparison conducted pursuant to N.J.A.C. 7:26C-7.9(b)2 require the submission of a Ground Water RAP Modification Application? ☐ Yes ☒ No

If "Yes", provide the date of Ground Water RAP Modification Application Submission:.....

11. Did the comparison conducted above reveal a change in the Ground Water Quality Standards? ☐ Yes ☒ No

If "Yes", did the Ground Water Quality Standards change by an order of magnitude? ☐ Yes ☐ No

If "Yes", does the change require a modification of the Ground Water RAP? ☐ Yes ☐ No

If "Yes", provide the date of Ground Water RAP Modification Application Submission:.....

Attach a contaminant concentration table that compares the GWQS changes and order of magnitude analysis.

Contaminants of Emerging Concern (CECs): The permittee(s) is required to evaluate whether there is the potential that the compounds listed below may have been manufactured, used, handled, stored, disposed or discharged at the AOC(s) associated with the Ground Water RAP. Evaluation does not mean analysis. Evaluation means using your professional judgement to determine if the compounds are potential contaminants of concern at the AOC(s) associated with the Ground Water RAP. The evaluation of these compounds should be the same as any other compound. Additional information on CECs can be found at <https://www.nj.gov/dep/srp/emerging-contaminants/>.

12. Is 1,4-dioxane a potential contaminant of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

13. Is perchlorate a potential contaminant of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

14. Are per- and polyfluoroalkyl substances (PFAS), including but not limited to perfluorononanoic acid (PFNA), perfluorooctanoic acid (PFOA), and perfluorooctane sulfonic acid (PFOS) potential contaminants of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

15. Is 1,2,3-trichloropropane (1,2,3-TCP) a potential contaminant of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

Attach the results of the required emerging CECs evaluation:

If "Yes" to any of the questions 12 to 15 above, then provide a discussion of how this issue is being addressed:

SECTION H. SITE USE, CHANGES, AND DISTURBANCES

1. Indicate current site use:

- | | | | |
|--|--|---|---------------------------------------|
| <input checked="" type="checkbox"/> Industrial | <input type="checkbox"/> Child Care Facility | <input type="checkbox"/> Park or Recreational Use | <input type="checkbox"/> Solar Panels |
| <input type="checkbox"/> Residential | <input type="checkbox"/> Hospital | <input checked="" type="checkbox"/> Vacant | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Landfill | <input type="checkbox"/> Government Facility | |
| <input type="checkbox"/> School | <input type="checkbox"/> Agricultural | <input type="checkbox"/> Road/Right of Way | |

2. Has the site use(s) changed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No

3. Have site use changes occurred or disturbances of the land, such as installation of a detention basin, taken place that has rendered the ground water remedial action not protective of public health, safety and of the environment? ☐ Yes ☒ No

If "Yes", provide the date of the Ground Water RAP Modification Application submission: _____

SECTION I. CURRENT OR PLANNED WATER USE WITHIN THE WELL SEARCH AREA

1. Water use within the CEA/WRA when CEA/WRA was established (check all that apply)

- ☐ Potable
- ☐ Well Head Protection Area
 - ☐ Tier 1 ☐ Tier 2 ☐ Tier 3
- ☐ Irrigation
- ☐ Industrial
- ☐ Geothermal
- ☒ Not Applicable

2. Current water use within the CEA/WRA Boundaries (check all that apply)

- ☐ Potable
- ☐ Well Head Protection Area
 - ☐ Tier 1 ☐ Tier 2 ☐ Tier 3
- ☐ Irrigation
- ☐ Industrial
- ☐ Geothermal
- ☒ Not Applicable

3. Are there any planned changes in water use for the aquifers in which the CEA/WRA is located since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No

Check all the sources that were evaluated to determine planned changes in water use:

- ☒ Municipal Master Plans
- ☒ Zoning Plans
- ☐ Local water purveyor plans and planning data pertaining to the existence of water lines and proposed future installation of water lines, wells or well fields
- ☐ Local and County ordinances restricting installation of potable wells
- ☒ Local and County boards of health
- ☒ Local planning officials

4. Have any changes in water use altered the areal extent or the duration of the CEA/WRA? ☐ Yes ☒ No

5. Has the required well search identified any wells installed within one mile up-gradient, side-gradient, and down-gradient of the CEA/WRA since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☒ Yes ☐ No

Attach the results of the required updated well search to this form, including a scaled map and a table indicating which wells were previously evaluated.

If "Yes", check all that apply:

- | | | | |
|---|-------------------------------------|--|--|
| <input checked="" type="checkbox"/> Potable | <input type="checkbox"/> Industrial | <input type="checkbox"/> Community Supply Well | <input checked="" type="checkbox"/> Irrigation |
| <input type="checkbox"/> Geothermal | <input type="checkbox"/> Production | <input type="checkbox"/> Non-Community Supply Well | |

If you checked one of the above, was it necessary to sample the well pursuant to N.J.A.C. 7:26 E-1.14? ☐ Yes ☒ No

6. Did or will the actual or planned changes reported in items 1-5 above render the remedial action that includes the CEA/WRA not protective of public health, safety and of the environment? ☐ Yes ☒ No
- If "Yes", provide the date of the Ground Water RAP Modification Application submission: _____
7. Are any Point of Entry Treatment (POET) water systems currently installed at any buildings as a result of this ground water contamination? (If a POET water system was installed, but not required for the remediation, check "No") ☐ Yes ☒ No
- If "Yes", attach the ground water sampling results and provide a discussion of this issue below:

Note: A Ground Water RAP Modification Application should be submitted if the POET water system was installed as a result of ground water contamination and it is not included in the Ground Water RAP for the site.

SECTION J. VAPOR INTRUSION

1. Are compounds of potential vapor intrusion concern included in the CEA/WRA? ☐ Yes ☒ No
- If "Yes", then complete this section; otherwise proceed to the next section
2. Based on the most recent data available or ground water data collected for the Ground Water Remedial Action Protectiveness/Biennial Certification Form, are any contaminants of concern currently above the Vapor Intrusion Ground Water Screening Levels that require a vapor intrusion investigation pursuant to N.J.A.C. 7:26E-1.15? ☐ Yes ☐ No
- If "Yes", attach a table with the vapor intrusion sampling results, a scaled site map indicating the location of all structures investigated for vapor intrusion, and provide a discussion of those results below or provide a written explanation with the reasons for not evaluating the vapor intrusion pathway.
3. Were there any changes in property use for the site or surrounding properties that required a vapor intrusion investigation pursuant to N.J.A.C. 7:26C-7.9(b)7? ☐ Yes ☐ No
- If "Yes", attach a table with the vapor intrusion sampling results, a scaled site map indicating the location of all structures investigated for vapor intrusion, and provide a discussion of those results below or provide a written explanation with the reasons for not evaluating the vapor intrusion pathway:

4. Have any vapor intrusion engineering controls/mitigation systems been installed as a result of this ground water contamination? (If a system was installed, but not required for the remediation (i.e., there is not a complete VI pathway requiring the system), check "No") ☐ Yes ☐ No

If "Yes", indicate the type of engineering control that was implemented: (check all that apply)

- ☐ Sub-Slab Depressurization System
☐ Subsurface Ventilation System
☐ Soil Vapor Extraction System
☐ HVAC Positive Pressure
☐ Other (specify): _____

Attach any vapor intrusion sampling results as required from the OMM Plan for the vapor intrusion engineering control(s)/mitigation system(s) for the permit, including the NJDEP Vapor Intrusion Mitigation Monitoring and Maintenance Checklist. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the vapor intrusion engineering control(s)/mitigation system(s) in place, including the address and block and lot of each impacted property.

Note: A Ground Water RAP Modification Application should be submitted if the vapor intrusion engineering controls/mitigation systems is not included in the Ground Water RAP for the site.

5. Is there sub-slab soil gas (SSSG) contamination above the NJDEP's Soil Gas Screening Levels (SGSLs) beneath any buildings that require a VI Long-Term Monitoring (LTM) Plan or a VI Change in Use Evaluation Plan, or both? ☐ Yes ☐ No

If "Yes", check all that apply and answer the question below:

- ☐ SSSG > SGSL and $\leq 10X$ NJDEP SGSL (VI LTM Plan pursuant to Table 6-2 of the VIT Guidance)
☐ SSSG > $10X$ NJDEP SGSL (VI LTM Plan pursuant to Table 6-2 of the VIT Guidance)
☐ SSSG > NJDEP Residential SGSL for Non-Residential Structure (VI Change in Use Evaluation Plan)

Have annual inspections been completed to determine if building conditions have changed and/or there has been a change in the use? ☐ Yes ☐ No

Attach a summary of the building inspections and/or any vapor intrusion sampling results as required from the VI LTM Plan or the VI Change in Use Evaluation Plan for the permit. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the VI LTM Plan or the VI Change in Use Evaluation Plan, including the address and block and lot of each impacted property.

Note: A Ground Water RAP Modification Application should be submitted if the VI LTM Plan or the VI Change in Use Evaluation Plan is not included in the Ground Water RAP for the site.

6. Are there any buildings with an Indeterminate Vapor Intrusion Pathway status? ☐ Yes ☐ No

If "Yes", have annual inspections been completed to determine if there has been a change in the use? ☐ Yes ☐ No

Attach a summary of the inspections and a scale site map clearly identifying the buildings with Indeterminate Vapor Intrusion Pathway status, including the address and block/lot of each building.

Note: A Ground Water RAP Modification Application should be submitted if the Indeterminate Vapor Intrusion Pathway status is not included in the Ground Water RAP for the site.

SECTION K. FINANCIAL ASSURANCE

1. Does the remedial action include a ground water or vapor intrusion engineering control? ☐ Yes ☒ No

If "No", proceed to the next section.

Financial assurance provided under USEPA RCRA Program, see Section L for details.

2. Is Financial Assurance required for the site? ☐ Yes ☒ No

If "Yes", attach a completed Remediation Cost Review and RFS/FA Form with a detailed cost estimate.

3. If the Financial Assurance Instrument is a Line of Credit, Remediation Trust Fund, Surety Bond, or Environmental Insurance Policy, have annual statements confirming the value of the Financial Assurance Instrument been submitted pursuant to the permit schedule? ☐ Yes ☐ No
- If "**No**", attach the annual statements confirming the value of the Financial Assurance Instrument.
4. If the current owner of the site is either a homeowner association or a condominium association, have copies of the annual budget that includes funds for the operation, maintenance, and monitoring of the engineering control(s) at the site been submitted pursuant to the permit schedule? ☐ Yes ☐ No
- If "**No**", attach copies of the association's annual budget that includes funds for the operation, maintenance, and monitoring of the engineering control(s) at the site.

SECTION L. OTHER INFORMATION PROVIDED

List any other pertinent information to support the Ground Water Remedial Action Protectiveness/Biennial Certification Form. This section should include a discussion of any new information or ground water data as it relates to the protectiveness of the ground water remedial action for the site.

This site is under direct oversight by NJDEP and USEPA. The results of ongoing investigation and remediation work are submitted to both Agencies on a routine basis for review/approval. This includes quarterly groundwater extraction and treatment operating summary reports under the Site's NJPDES permit and annual groundwater reports under the Agency-approved comprehensive groundwater monitoring plan for the Site.

Additional detail does not fit into this Section. See attached document "ADDITIONAL INFORMATION FOR BIENNIAL CEA #1 - POMTPON LAKES WORKS SITE, POMPTON LAKES, NEW JERSEY"

Section G. Remedial Action and CEA/WRA Information

Type of Ground Water Remediation

Classification Exception Area (CEA) #1 is for groundwater in the vicinity of onsite monitoring well MW-20. Lead is the constituent of concern for this CEA and has not been detected in the nearest downgradient wells. The duration of this CEA is considered indeterminate.

Notification

To satisfy Section G, Item 7 of the Biennial Certification Form, a copy of this form will be sent to the appropriate municipal and county clerks and health departments within one week of receiving approval from the New Jersey Department of Environmental Protection (NJDEP). Additionally, a copy will be retained at the public repository located at the Pompton Lakes Library. This is being conducted in accordance with historical notification procedures for the Site as approved by the regulatory agencies.

Well Maintenance

In response to Section G, Item 8 of the Biennial Certification Form, no integrity issues for monitoring wells within the CEA have been identified since the submittal of the last biennial CEA to the present time.

A water level measurement is collected from MW-20 (monitoring well associated with CEA #1) on a semi-annual basis as part of the groundwater compliance program for the Site. There were no integrity issues identified at this well location on May 1, 2023 or November 20, 2023.

Section H. Site Use, Changes, and Disturbances

Future Use

Consistent with the NJDEP and U.S. Environmental Protection Agency (USEPA) guidance and policies for the remediation of impacted sites, the expected plan is to return the property to beneficial reuse within the community.

Section I. Current or Planned Water Use within the Well Search Area

Water use within the CEA when CEA was established

No potable, irrigation, industrial, or geothermal wells were present in the CEA area when the CEA was established. In addition, no well head protection areas were present at that time.

Current water use within the CEA boundaries

CEA #1 is located entirely within the boundaries of the Pompton Lakes Works Site. No potable, irrigation, industrial, or geothermal wells are located within the CEA boundaries. In response to Section I, Item 5 of the Biennial Certification Form, the results of the well search are included in Appendix B.

SECTION L: ADDITIONAL INFORMATION FOR BIENNIAL CEA #1 – POMPTON LAKES WORKS SITE,
POMPTON LAKES, NEW JERSEY

In response to Section I, Item 3 of the Biennial Certification Form, the Pompton Lakes Master Plan and zoning plans were reviewed to evaluate planned changes in water use. No planned changes in water use were identified since the last Biennial Certification Form was submitted. Additionally, letters were submitted to the following agencies requesting documentation regarding any changes in the last two years, as well as any future plans, for projected water use in the CEA area:

- Passaic County Department of Health;
- Borough of Pompton Lakes Board of Health;
- Borough of Pompton Lakes Building Department – Planning / Zoning Board; and
- Borough of Pompton Lakes Municipal Utilities Authority.

Notification letters and responses received to date are included as Appendix C. NJDEP will be notified if and when any additional information is received.

Section K. Financial Assurance

In response to Section K, Item 2 of the Biennial Certification Form, financial assurance for the Pompton Lakes Works projects has been established with both NJDEP and USEPA. As agreed to by both agencies, groundwater compliance and vapor intrusion activities are financially assured under the USEPA RCRA program.

SECTION M. PERSON WITH PRIMARY CONTACT FOR PERMIT COMPLIANCE / PERSON RESPONSIBLE FOR MONITORING THE PROTECTIVENESS OF THE REMEDIAL ACTION INFORMATION AND CERTIFICATION

Affiliation/Name of Organization: The Chemours Company FC, LLC

Representative First Name: Tom Representative Last Name: Ei

Title: Remediation Senior Director

Phone Number: (973) 492-7703

Ext.: _____

Fax: _____

Mailing Address: 2000 Cannonball Road

Municipality: Pompton Lakes

State: New Jersey

Zip Code: New Jersey

Email Address: tom.ei@chemours.com

This certification shall be signed by the person with primary contact for permit compliance/person responsible for monitoring the protectiveness of the remedial action in accordance with the Administrative Requirements for the Remediation of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a).

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, including all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

I also understand that engineering and institutional controls must be evaluated and maintained to ensure they remain protective of public health and safety and the environment.

Based upon the information provided herein, I hereby certify that the remedial action(s) implemented at the site that includes engineering and/or institutional controls remains protective of public health and safety and the environment.

Signature: 

Date: April 25, 2024

Name/Title: Remediation Senior Director

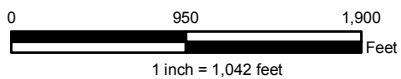
Completed forms should be emailed to srp_submissions@dep.nj.gov.*

- * All Ground Water Remedial Action Protectiveness/Biennial Certification forms associated with a Post-NFA Case must continue to be submitted on a CD by mail with the accompanying fee to the following address:

Bureau of Case Assignment & Initial Notice
Contaminated Site Remediation & Redevelopment
NJ Department of Environmental Protection
401-05H
PO Box 420
Trenton, NJ 08625-0420

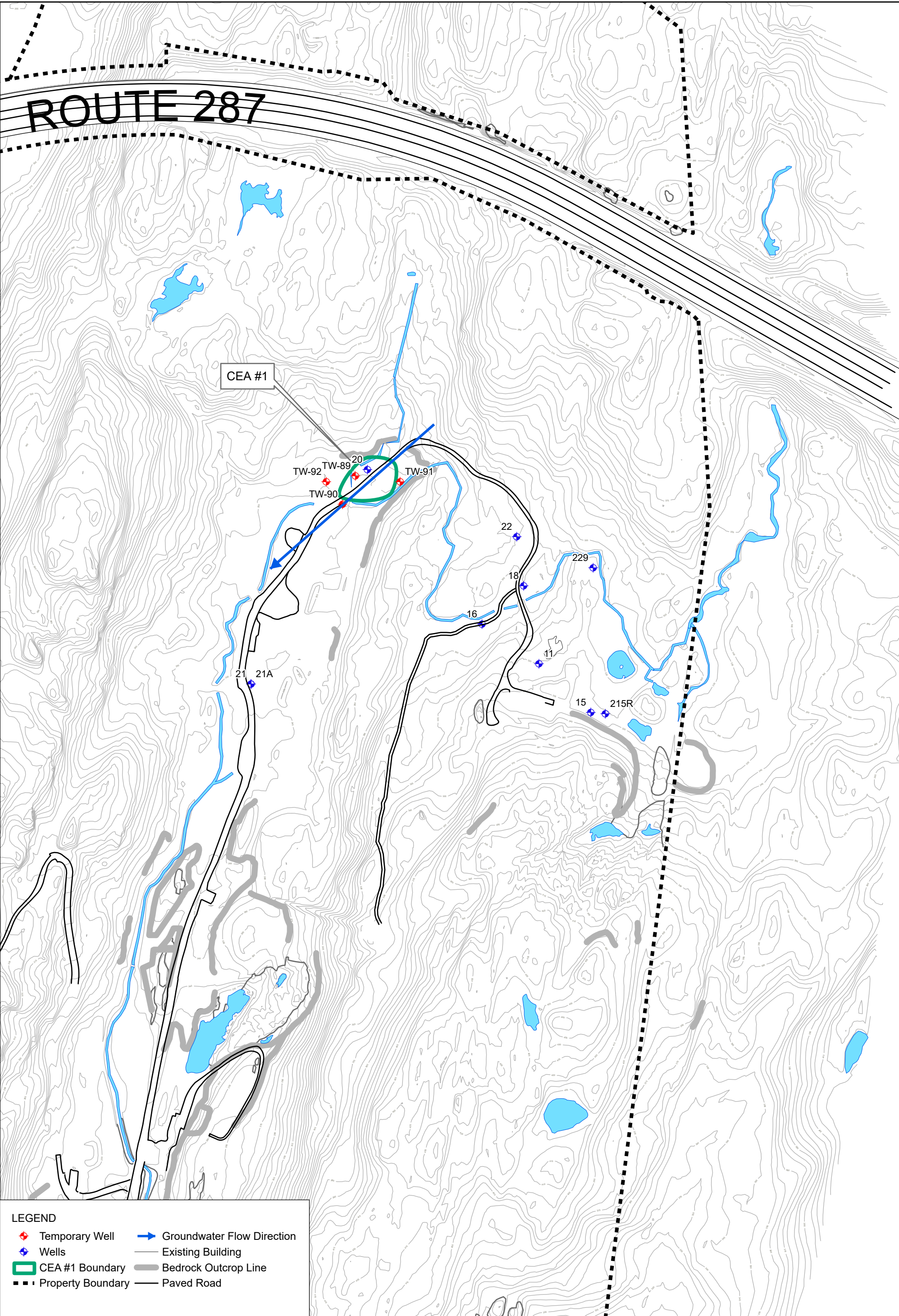
APPENDIX A

SCALED MAP WITH CEA/WRA EXTENT



SITE LOCATION MAP
POMPTON LAKES WORKS

FIGURE 1



APPENDIX B

WELL SEARCH RESULTS

CEA #1 - Well Search Summary Table
Pompton Lakes Works Site
Pompton Lakes, NJ

| Permit Number | Well Use | Well Name | Potentially Potable | Document | Date (permitted /drilled /sealed) | Physical Address | County | Municipality | Block | Lot | Location Method | Easting (X) | Northing (Y) | Distance (Feet) | Depth (ft) | Capacity (gal/min) |
|---------------|------------|-----------|---------------------|-----------------|-----------------------------------|-------------------------|---------|--------------------|-------|-----|----------------------|-------------|--------------|-----------------|------------|--------------------|
| E202306872 | Domestic | 1 | Yes | Record | 9/28/2023 | 11 PIERSON MILLER DRIVE | Bergen | Oakland Boro | 101 | 2 | GPS | 555590 | 795469 | 3,967.88 | 800 | |
| E202306872 | Domestic | 1 | Yes | Permit | 8/23/2023 | 11 PIERSON MILLER DRIVE | Bergen | Oakland Boro | 101 | 2 | GPS | 555590 | 795469 | 3,967.88 | 250 | 10 |
| E202212378 | Irrigation | Well #1 | Yes | Permit | 11/7/2022 | Jefferson Street | Passaic | Wanaque Boro | 459 | 19 | Digital Image | 549079 | 797679 | 3,512.12 | 500 | 20 |
| E202209768 | Monitoring | MW-62 | No | Permit | 9/22/2022 | CANNONBALL RD | Passaic | Pompton Lakes Boro | 100 | 3 | Survey frm Benchmark | 552008 | 794019 | 4,065.31 | 55 | 0 |
| E202208960 | Monitoring | MW-5 | No | Record | 8/25/2022 | William Place | Passaic | Wanaque Boro | 435 | 1 | GPS | 548786 | 799891 | 4,212.07 | 21 | |
| E202208960 | Monitoring | MW-5 | No | Permit | 8/23/2022 | William Place | Passaic | Wanaque Boro | 435 | 1 | GPS | 548786 | 799891 | 4,212.07 | 21 | 0 |
| E202206431 | Recovery | RW-75 | No | Permit | 1/26/2023 | 2000 Cannonball Rd | Passaic | Pompton Lakes Boro | 100 | 3 | Digital Image | 552851 | 793944 | 4,110.48 | 48 | 20 |
| E202206429 | Recovery | RW-74 | No | Permit | 1/26/2023 | 2000 Cannonball Rd | Passaic | Pompton Lakes Boro | 100 | 3 | Digital Image | 552017 | 794022 | 4,061.1 | 82 | 60 |
| E202205382 | Monitoring | MW-65 | No | Permit | 6/1/2022 | CANNONBALL RD | Passaic | Pompton Lakes Boro | 100 | 3 | Survey frm Benchmark | 552856 | 793937 | 4,117.81 | 46 | 0 |
| E201613837 | Monitoring | MW-6 | No | Decommissioning | 9/30/2022 | Ringwood Ave R | Passaic | Wanaque Boro | 448 | 8 | GPS | 548012 | 797975 | 4,560.54 | 18 | |
| E201613836 | Monitoring | MW-5 | No | Decommissioning | 9/30/2022 | Ringwood Ave R | Passaic | Wanaque Boro | 448 | 8 | GPS | 547944 | 798013 | 4,628.11 | 18 | |
| E201613835 | Monitoring | MW-2R | No | Decommissioning | 9/30/2022 | Ringwood Ave R | Passaic | Wanaque Boro | 448 | 8 | GPS | 547895 | 797945 | 4,678.07 | 18 | |
| 2300017419 | Monitoring | MW-4 | No | Decommissioning | 9/30/2022 | Ringwood Ave R | Passaic | Wanaque Boro | 448 | 8 | GPS | 547813 | 797945 | 4,760.05 | 20 | |
| 2300017418 | Monitoring | MW-3 | No | Decommissioning | 9/30/2022 | Ringwood Ave R | Passaic | Wanaque Boro | 448 | 8 | GPS | 547838 | 797956 | 4,734.84 | 15 | |

APPENDIX C

NOTIFICATION LETTERS



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Ms. Charlene W. Gungil
Passaic County Department of Health
Environmental Health Division - Safe Drinking Water
930 Riverview Drive, Suite 250
Totowa, NJ 07512

**RE: Classification Exception Areas (#1, #3, #4, and #5)
 Pompton Lakes Works Site
 Pompton Lakes, New Jersey**

Dear Ms. Gungil:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink, appearing to read 'David E. Epps', with a stylized flourish at the end.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Ms. Meghan Mulraney – Secretary
Board of Health
25 Lenox Avenue
Pompton Lakes, New Jersey 07442

**RE: Classification Exception Areas (#1, #3, #4, and #5)
Pompton Lakes Works Site
Pompton Lakes, New Jersey**

Dear Ms. Mulraney:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Mr. John Wegele
Municipal Utility Authority
2000 Lincoln Avenue
Pompton Lakes, New Jersey 07442

**RE: Classification Exception Areas (#1, #3, #4, and #5)
Pompton Lakes Works Site
Pompton Lakes, New Jersey**

Dear Mr. Wegele:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Ms. Carmelina Fusaro
Building Department – Planning/Zoning Board Secretary
25 Lenox Avenue
Pompton Lakes, New Jersey 07442

**RE: Classification Exception Areas (#1, #3, #4, and #5)
Pompton Lakes Works Site
Pompton Lakes, New Jersey**

Dear Ms. Fusaro:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File

CEA #3
Pompton Lakes Works Site
Pompton Lakes, New Jersey
PI #007411
CEA100154253



New Jersey Department of Environmental Protection
Contaminated Site Remediation and Redevelopment

**GROUND WATER REMEDIAL ACTION PROTECTIVENESS/
BIENNIAL CERTIFICATION FORM**

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Pompton Lakes Works Site
List All AKAs: DuPont Pompton Lakes Works Site
Street Address: 2000 Cannonball Road
Municipality: Pompton Lakes (Township Borough or City)
County: Passaic Zip Code: 07442
Program Interest (PI) Number(s): 007411
Ground Water Remedial Action Permit (RAP) Number: CEA100154253

SECTION B. FEES

☐ Ground Water Remedial Action Protectiveness/Biennial Certification Form for a Ground Water RAP(No Fee)
Have all outstanding Ground Water RAP annual fees been paid? ☐ Yes ☐ No

☐ Post-NFA Cases (Sites without a Ground Water RAP): Ground Water Remedial Action Protectiveness/Biennial Certification Form

Note: A Ground Water RAP Initial Application is required to be submitted with this form. Please see the Compliance Notice: Post-NFA cases requiring remedial action permits, which includes the fee breakdown:
https://www.nj.gov/dep/srp/enforcement/post_nfa_compliance_notice.pdf.

| Effective on or Before June 30, 2023 | Effective July 1, 2023 |
|---|---------------------------|
| MNA - \$5,610 | \$6,100 |
| Active System- \$5,720 | \$6,320 |

SECTION C. FEE BILLING CONTACT PERSON

☐ Changed Since Last Submission of the Ground Water Remedial Action Protectiveness/Biennial Certification Form
Date of RAP Contact Information Change Form Submission: _____

Business Name: The Chemours Company FC, LLC
First Name of Contact: David Last Name of Contact: Epps
Title: Remediation Principal Project Manager
Phone Number: (973) 492-7703 Ext.: _____ Fax: _____
Mailing Address: 2000 Cannonball Road
Municipality: Pompton Lakes State: New Jersey Zip Code: 07442
Email Address: David.E.Epps@Chemours.com

SECTION D. PERSON(S) RESPONSIBLE FOR CONDUCTING THE REMEDIATION

- Has the mailing address changed for the Person(s) Responsible for Conducting the Remediation that is currently listed on the Ground Water RAP for the site? ☐ Yes ☒ No
If "Yes", provide the date of the Ground Water RAP Modification Application submission:
- Has the Contact Person/Information changed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
If "Yes", provide the date of the RAP Contact Information Change Form submission:

SECTION E. CURRENT OWNER(S) OF THE SITE

1. Has the Property Owner changed from what is currently listed on the Ground Water RAP for the site? ☐ Yes ☒ No
If "Yes", provide the date of the RAP Transfer/Change of Property
Ownership Application submission:
2. Has the mailing address changed for the Property Owner that is currently listed
on the Ground Water RAP for the site? ☐ Yes ☒ No
If "Yes", provide the date of the Ground Water RAP Modification Application submission:
3. Has the Contact Person/Information changed since the last submittal of the Ground Water Remedial Action
Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
If "Yes", provide the date of the RAP Contact Information Change Form submission:

SECTION F. ATTACHED DOCUMENTS **Only information as checked below is included in this submittal because this Site is under direct oversight by NJDEP. See Section L for more details.**

Attach electronic copies of the following documents in an email to srp_submissions@dep.nj.gov: (Check all that apply)

**See instructions for how to handle submissions associated with a Post-NFA Case.*

- ☒ Ground Water Remedial Action Protectiveness/Biennial Certification Form using the current form on the NJDEP Website (Required).
- ☒ A summary of the ground water sampling results by monitoring well in tabular format to this form, including all historical ground water sampling data associated with the Ground Water RAP (Required).
- ☐ The last four ground water contour maps completed for the site, which includes the extent of the CEA/WRA, monitoring well and AOC locations on it, and the direction of ground water flow at the site (Required).
- ☐ All well inspection reports/logs that have been completed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form (Required).
- ☒ The results of the required updated well search to this form, including a scaled map and a table indicating which wells were previously evaluated (Required).
- ☐ The field sampling sheets since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form (Required).
- ☐ A table summarizing the monitoring well construction details (below ground surface (bgs)) for all the monitoring wells associated with the Ground Water RAP (Required).
- ☐ A contaminant concentration table that compares the GWQS changes and order of magnitude analysis associated with the Ground Water RAP (Required).
- ☐ The Contaminants of Emerging Concern (CECs) evaluation completed associated with the Ground Water RAP (Required).
- ☐ A summary of the Technical Impracticability (TI) Determination and a 5-year evaluation, if applicable.
- ☐ A current Tax Map of the property if the block and lot has changed for the CEA/WRA, if applicable.
- ☐ The vapor intrusion sampling results, including a scaled site map indicating the location of all structures investigated for vapor intrusion, if applicable.
- ☐ Any vapor intrusion sampling results as required from the Operation, Maintenance, & Monitoring (OMM) Plan for the vapor intrusion engineering control(s)/mitigation system(s) for the permit, including the NJDEP Vapor Intrusion Mitigation Monitoring and Maintenance Checklist. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the vapor intrusion engineering control(s)/mitigation system(s) in place (e.g., active or passive), including the address and block and lot of each impacted property.
- ☐ Any vapor intrusion sampling results as required from the Vapor Intrusion (VI) Long-Term Monitoring (LTM) Plan for the permit, if applicable. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the VI LTM Plan or the VI Change in Use Evaluation Plan, including the address and block and lot of each impacted property.
- ☐ The summary of the inspection and a scale site map clearly identifying the buildings with Indeterminate Vapor Intrusion Pathway status, including the address and block/lot of each building, if applicable.
- ☐ The completed Remediation Cost Review and RFS/FA Form with a detailed cost estimate, if applicable.

- ☐ The homeowner or condominium association's annual budget that includes funds for the operation, maintenance, and monitoring of the engineering control(s) associated with the Ground Water RAP, if applicable.
- ☐ The annual statements confirming the value of the Financial Assurance Instrument, if applicable.

SECTION G. REMEDIAL ACTION AND CEA/WRA INFORMATION

1. Type of Ground Water Remediation

a. ☐ Monitored Natural Attenuation

- 1) Has ground water sampling been conducted at the site since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☐ No

If "Yes", attach a summary of the ground water sampling results by monitoring well in tabular format to this form, including all historical ground water sampling data for the site.

- 2) Has ground water sampling been conducted in accordance with the Ground Water Monitoring Plan for the site? ☐ Yes ☐ No

If "No", provide justification for deviating from the Ground Water Monitoring Plan and attach additional documentation if needed:

- 3) Do the results of the ground water sampling demonstrate that contaminant concentrations have decreased to or below the applicable Ground Water Quality Standards for two ground water sampling events accounting for seasonal fluctuation at the site pursuant to N.J.A.C. 7:26C-7.9(f)? ☐ Yes ☐ No ☐ N/A

If "Yes", then submit a Ground Water RAP Termination Application and skip the rest of this section.

- 4) Is there still a decreasing trend of contaminant concentrations in the ground water? ☐ Yes ☐ No

If "No", provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below:

- 5) Is the behavior of the ground water contaminant plume considered to be shrinking or stable? ☐ Yes ☐ No

If "Yes", check off only one of the following: ☐ Shrinking ☐ Stable

If "No", provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below:

- 6) Is the ground water plume reaching the sentinel wells or sentinel monitoring points? ☐ Yes ☐ No

If "Yes", provide the date of Ground Water RAP Modification submission with the required additional ground water delineation data:

- 7) Is MNA still the appropriate ground water remedial action for the site? ☐ Yes ☐ No

If "No", provide an explanation:

b. ☒ **Active Remediation**

Provide the type of remediation: Ground Water Pump and Treat System

- 1) Has ground water sampling been conducted at the site since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☒ Yes ☐ No

If **"Yes"**, attach a summary of the ground water sampling results by monitoring well in tabular format to this form, including all historical ground water sampling data for the site.

- 2) Has ground water sampling been conducted in accordance with the Ground Water Monitoring Plan for the site? ☒ Yes ☐ No

If **"No"**, provide justification for deviating from the Ground Water Monitoring Plan and attach additional documentation if needed:

- 3) Do the results of the ground water sampling demonstrate that contaminant concentrations have decreased to or below the applicable Ground Water Quality Standards for two ground water sampling events accounting for seasonal fluctuation at the site pursuant to N.J.A.C. 7:26C-7.9(f)? ☐ Yes ☒ No ☐ N/A

If **"Yes"**, then submit a Ground Water RAP Termination Application and skip the rest of this section.

- 4) Is there still a decreasing trend of contaminant concentrations in the ground water? ☒ Yes ☐ No

If **"No"**, provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below:

- 5) Is the **behavior** of the ground water contaminant plume considered to be shrinking or stable? ☒ Yes ☐ No

If **"Yes"**, check off only one of the following: ☐ Shrinking ☒ Stable

If **"No"**, provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below:

- 6) Is the ground water plume reaching the sentinel wells or sentinel monitoring points? ☐ Yes ☒ No

If **"Yes"**, provide the date of Ground Water RAP Modification submission with the required additional ground water delineation data:

- 7) Is the ground water remedial action performing as designed? ☒ Yes ☐ No

If **"No"**, provide an explanation:

- 8) Has the active ground water treatment system been shutdown for longer than 48-hours since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No ☐ N/A

If **"Yes"**, provide an explanation for the shutdown, including the duration of the shutdown and whether or not the shutdown rendered the Remedial Action not protective of public health, safety and of the environment:

2. Has a Technical Impracticability (TI) Determination been approved? ☐ Yes ☒ No
If "Yes", please provide the date of the TI Approval Letter from the Department:
Attach a summary of the TI Determination and a 5-year evaluation, if applicable.
3. Since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form, has any ground water contamination been determined to have migrated onto the site/property from an off-site source that is not included in the Ground Water RAP? ☐ Yes ☒ No
If "Yes", provide the communication center number that was received when called into the Hotline and a discussion of the issue below.
Hotline Communication Center Number:
Discussion:
4. Has the ground water flow direction changed at the site such that the sentinel well(s) is no longer downgradient and protective of all receptors? ☐ Yes ☒ No
If "Yes", provide the date of Ground Water RAP Modification submission with the required additional ground water delineation data:
5. Has the CEA/WRA been revised for any reason that did not require conducting additional remediation? ☐ Yes ☒ No
If "Yes", provide the date of Ground Water RAP Modification submission:
6. Did the Municipal Block and Lot number(s) of the CEA/WRA change since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
If "Yes", attach a current Tax Map of the property and list the former and new Municipal Block and Lot numbers of the CEA/WRA below:
Former Municipal Block and Lot Number(s):
New Municipal Block and Lot Number(s):
7. Did you provide hard copies of this form to the municipal and county clerks for each municipality and county in which the CEA/WRA is located; the local, county and regional health department for each municipality and county in which the CEA/WRA is located; each current owner of the site; each current operator of the site; each current property owner within the footprint of the CEA/WRA; the Pinelands Commission or the Highlands Commission, as applicable? ☒ Yes ☐ No
8. Have any monitoring wells associated with the CEA/WRA been damaged, vandalized, repaired, replaced, decommissioned, or could not be located? ☐ Yes ☒ No
If "Yes", describe what occurred and attach additional documentation as necessary (i.e., maintenance and evaluation logs for all the monitoring wells, a copy of any Well Abandonment Report(s), construction specifications for each new/replacement well, documentation that the Bureau of Water Allocation and Well Permitting was contacted for any monitoring wells that could not be located, etc.):

9. Has a replacement monitoring well(s) been installed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
- If "Yes", was the replacement well installed within 10 feet of the former well location? ☐ Yes ☐ No

If "No", then either:

Provide the justification supporting the protectiveness of the ground water remedial action in Section L below

or

Provide the date of the Ground Water RAP Modification Application submission:.....

Attach the construction specifications for each new well.

10. Since the Ground Water RAP was issued, did the comparison conducted pursuant to N.J.A.C. 7:26C-7.9(b)2 require the submission of a Ground Water RAP Modification Application? ☐ Yes ☒ No

If "Yes", provide the date of Ground Water RAP Modification Application Submission:.....

11. Did the comparison conducted above reveal a change in the Ground Water Quality Standards? ☐ Yes ☒ No

If "Yes", did the Ground Water Quality Standards change by an order of magnitude? ☐ Yes ☐ No

If "Yes", does the change require a modification of the Ground Water RAP? ☐ Yes ☐ No

If "Yes", provide the date of Ground Water RAP Modification Application Submission:.....

Attach a contaminant concentration table that compares the GWQS changes and order of magnitude analysis.

Contaminants of Emerging Concern (CECs): The permittee(s) is required to evaluate whether there is the potential that the compounds listed below may have been manufactured, used, handled, stored, disposed or discharged at the AOC(s) associated with the Ground Water RAP. Evaluation does not mean analysis. Evaluation means using your professional judgement to determine if the compounds are potential contaminants of concern at the AOC(s) associated with the Ground Water RAP. The evaluation of these compounds should be the same as any other compound. Additional information on CECs can be found at <https://www.nj.gov/dep/srp/emerging-contaminants/>.

12. Is 1,4-dioxane a potential contaminant of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

13. Is perchlorate a potential contaminant of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

14. Are per- and polyfluoroalkyl substances (PFAS), including but not limited to perfluorononanoic acid (PFNA), perfluorooctanoic acid (PFOA), and perfluorooctane sulfonic acid (PFOS) potential contaminants of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

15. Is 1,2,3-trichloropropane (1,2,3-TCP) a potential contaminant of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

Attach the results of the required emerging CECs evaluation:

If "Yes" to any of the questions 12 to 15 above, then provide a discussion of how this issue is being addressed:

SECTION H. SITE USE, CHANGES, AND DISTURBANCES

1. Indicate current site use:

- | | | | |
|--|--|---|---------------------------------------|
| <input checked="" type="checkbox"/> Industrial | <input type="checkbox"/> Child Care Facility | <input type="checkbox"/> Park or Recreational Use | <input type="checkbox"/> Solar Panels |
| <input type="checkbox"/> Residential | <input type="checkbox"/> Hospital | <input checked="" type="checkbox"/> Vacant | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Landfill | <input type="checkbox"/> Government Facility | |
| <input type="checkbox"/> School | <input type="checkbox"/> Agricultural | <input type="checkbox"/> Road/Right of Way | |

2. Has the site use(s) changed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No

3. Have site use changes occurred or disturbances of the land, such as installation of a detention basin, taken place that has rendered the ground water remedial action not protective of public health, safety and of the environment? ☐ Yes ☒ No

If "Yes", provide the date of the Ground Water RAP Modification Application submission: _____

SECTION I. CURRENT OR PLANNED WATER USE WITHIN THE WELL SEARCH AREA

1. Water use within the CEA/WRA when CEA/WRA was established (check all that apply)

- ☐ Potable
- ☐ Well Head Protection Area
 - ☐ Tier 1 ☐ Tier 2 ☐ Tier 3
- ☐ Irrigation
- ☐ Industrial
- ☐ Geothermal
- ☒ Not Applicable

2. Current water use within the CEA/WRA Boundaries (check all that apply)

- ☐ Potable
- ☐ Well Head Protection Area
 - ☐ Tier 1 ☐ Tier 2 ☐ Tier 3
- ☐ Irrigation
- ☐ Industrial
- ☐ Geothermal
- ☒ Not Applicable

3. Are there any planned changes in water use for the aquifers in which the CEA/WRA is located since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No

Check all the sources that were evaluated to determine planned changes in water use:

- ☒ Municipal Master Plans
- ☒ Zoning Plans
- ☐ Local water purveyor plans and planning data pertaining to the existence of water lines and proposed future installation of water lines, wells or well fields
- ☐ Local and County ordinances restricting installation of potable wells
- ☒ Local and County boards of health
- ☒ Local planning officials

4. Have any changes in water use altered the areal extent or the duration of the CEA/WRA? ☐ Yes ☒ No

5. Has the required well search identified any wells installed within one mile up-gradient, side-gradient, and down-gradient of the CEA/WRA since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☒ Yes ☐ No

Attach the results of the required updated well search to this form, including a scaled map and a table indicating which wells were previously evaluated.

If "Yes", check all that apply:

- | | | | |
|---|-------------------------------------|--|--|
| <input checked="" type="checkbox"/> Potable | <input type="checkbox"/> Industrial | <input type="checkbox"/> Community Supply Well | <input checked="" type="checkbox"/> Irrigation |
| <input type="checkbox"/> Geothermal | <input type="checkbox"/> Production | <input type="checkbox"/> Non-Community Supply Well | |

If you checked one of the above, was it necessary to sample the well pursuant to N.J.A.C. 7:26 E-1.14? ☐ Yes ☒ No

6. Did or will the actual or planned changes reported in items 1-5 above render the remedial action that includes the CEA/WRA not protective of public health, safety and of the environment? ☐ Yes ☒ No
- If "Yes", provide the date of the Ground Water RAP Modification Application submission: _____
7. Are any Point of Entry Treatment (POET) water systems currently installed at any buildings as a result of this ground water contamination? (If a POET water system was installed, but not required for the remediation, check "No") ☐ Yes ☒ No
- If "Yes", attach the ground water sampling results and provide a discussion of this issue below:

Note: A Ground Water RAP Modification Application should be submitted if the POET water system was installed as a result of ground water contamination and it is not included in the Ground Water RAP for the site.

SECTION J. VAPOR INTRUSION

1. Are compounds of potential vapor intrusion concern included in the CEA/WRA? ☒ Yes ☐ No
- If "Yes", then complete this section; otherwise proceed to the next section
2. Based on the most recent data available or ground water data collected for the Ground Water Remedial Action Protectiveness/Biennial Certification Form, are any contaminants of concern currently above the Vapor Intrusion Ground Water Screening Levels that require a vapor intrusion investigation pursuant to N.J.A.C. 7:26E-1.15? ☒ Yes ☐ No
- If "Yes", attach a table with the vapor intrusion sampling results, a scaled site map indicating the location of all structures investigated for vapor intrusion, and provide a discussion of those results below or provide a written explanation with the reasons for not evaluating the vapor intrusion pathway.
- In accordance with NJDEP's Vapor Intrusion Technical Guidance, there is one occupied office building located onsite within 100 feet of the shallow groundwater plume that triggered a vapor intrusion (VI) investigation. An indoor air sample is collected from the first floor of this building on an annual basis. Indoor air results indicate no detections of the 10 Site constituents of concern. Based on these indoor air results, a VI pathway does not exist and no additional activities are required for this building.
3. Were there any changes in property use for the site or surrounding properties that required a vapor intrusion investigation pursuant to N.J.A.C. 7:26C-7.9(b)7? ☐ Yes ☒ No
- If "Yes", attach a table with the vapor intrusion sampling results, a scaled site map indicating the location of all structures investigated for vapor intrusion, and provide a discussion of those results below or provide a written explanation with the reasons for not evaluating the vapor intrusion pathway:

4. Have any vapor intrusion engineering controls/mitigation systems been installed as a result of this ground water contamination? (If a system was installed, but not required for the remediation (i.e., there is not a complete VI pathway requiring the system), check "No") ☐ Yes ☒ No

If "Yes", indicate the type of engineering control that was implemented: (check all that apply)

- ☐ Sub-Slab Depressurization System
☐ Subsurface Ventilation System
☐ Soil Vapor Extraction System
☐ HVAC Positive Pressure
☐ Other (specify): _____

Attach any vapor intrusion sampling results as required from the OMM Plan for the vapor intrusion engineering control(s)/mitigation system(s) for the permit, including the NJDEP Vapor Intrusion Mitigation Monitoring and Maintenance Checklist. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the vapor intrusion engineering control(s)/mitigation system(s) in place, including the address and block and lot of each impacted property.

Note: A Ground Water RAP Modification Application should be submitted if the vapor intrusion engineering controls/mitigation systems is not included in the Ground Water RAP for the site.

5. Is there sub-slab soil gas (SSSG) contamination above the NJDEP's Soil Gas Screening Levels (SGSLs) beneath any buildings that require a VI Long-Term Monitoring (LTM) Plan or a VI Change in Use Evaluation Plan, or both? ☐ Yes ☒ No

If "Yes", check all that apply and answer the question below:

- ☐ SSSG > SGSL and $\leq 10X$ NJDEP SGSL (VI LTM Plan pursuant to Table 6-2 of the VIT Guidance)
☐ SSSG > $10X$ NJDEP SGSL (VI LTM Plan pursuant to Table 6-2 of the VIT Guidance)
☐ SSSG > NJDEP Residential SGSL for Non-Residential Structure (VI Change in Use Evaluation Plan)

Have annual inspections been completed to determine if building conditions have changed and/or there has been a change in the use? ☐ Yes ☒ No

Attach a summary of the building inspections and/or any vapor intrusion sampling results as required from the VI LTM Plan or the VI Change in Use Evaluation Plan for the permit. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the VI LTM Plan or the VI Change in Use Evaluation Plan, including the address and block and lot of each impacted property.

Note: A Ground Water RAP Modification Application should be submitted if the VI LTM Plan or the VI Change in Use Evaluation Plan is not included in the Ground Water RAP for the site.

6. Are there any buildings with an Indeterminate Vapor Intrusion Pathway status? ☐ Yes ☒ No

If "Yes", have annual inspections been completed to determine if there has been a change in the use? ☐ Yes ☐ No

Attach a summary of the inspections and a scale site map clearly identifying the buildings with Indeterminate Vapor Intrusion Pathway status, including the address and block/lot of each building.

Note: A Ground Water RAP Modification Application should be submitted if the Indeterminate Vapor Intrusion Pathway status is not included in the Ground Water RAP for the site.

SECTION K. FINANCIAL ASSURANCE

1. Does the remedial action include a ground water or vapor intrusion engineering control? ☒ Yes ☐ No

If "No", proceed to the next section.

Financial assurance is provided under USEPA RCRA Program, See Section L for details.

2. Is Financial Assurance required for the site? ☐ Yes ☐ No

If "Yes", attach a completed Remediation Cost Review and RFS/FA Form with a detailed cost estimate.

3. If the Financial Assurance Instrument is a Line of Credit, Remediation Trust Fund, Surety Bond, or Environmental Insurance Policy, have annual statements confirming the value of the Financial Assurance Instrument been submitted pursuant to the permit schedule? ☐ Yes ☐ No
If “**No**”, attach the annual statements confirming the value of the Financial Assurance Instrument.
4. If the current owner of the site is either a homeowner association or a condominium association, have copies of the annual budget that includes funds for the operation, maintenance, and monitoring of the engineering control(s) at the site been submitted pursuant to the permit schedule? ☐ Yes ☐ No
If “**No**”, attach copies of the association’s annual budget that includes funds for the operation, maintenance, and monitoring of the engineering control(s) at the site.

SECTION L. OTHER INFORMATION PROVIDED

List any other pertinent information to support the Ground Water Remedial Action Protectiveness/Biennial Certification Form. This section should include a discussion of any new information or ground water data as it relates to the protectiveness of the ground water remedial action for the site.

This site is under direct oversight by NJDEP and USEPA. The results of ongoing Investigation and remediation work are submitted to both Agencies on a routine basis for review/approval. This includes quarterly groundwater extraction and treatment operating summary reports under the Site's NJPDES permit and annual groundwater reports under the Agency-approved comprehensive groundwater monitoring plan for the site.

Additional detail does not fit into this Section. See attached document "ADDITIONAL INFORMATION FOR BIENNIAL CEA #3 – POMPTON LAKES WORKS SITE, POMPTON LAKES, NEW JERSEY"

Section G. Remedial Action and CEA/WRA Information

Tye of Ground Water Remediation

Classification Exception Area (CEA) #3 is for onsite groundwater that is captured by a groundwater extraction and treatment (GWET) system that has been in operation at the Site since August 1998. The system was designed to prevent offsite migration of impacted groundwater. This is accomplished by pumping groundwater from recovery wells located along the southern boundary of the Site. This pumping creates a depression in the water table, capturing groundwater in the vicinity of the wells. Groundwater pumped from these wells is treated and is then injected into the shallow groundwater zone through a series of infiltration beds along the southeastern portion of the plant boundary.

Details on the capture zone and effectiveness of this remedy are submitted on a quarterly basis in the *Quarterly Pump and Treat Operating Summary*. In addition, semi-annual groundwater analytical results are submitted on an annual basis in the annual groundwater monitoring reports. The most recent monitoring report is the *2023 Annual Groundwater Monitoring Report* dated February 2024.

As documented in the *2023 Annual Groundwater Monitoring Report*, results indicate a decreasing trend for the majority of constituents present in groundwater onsite. Trend charts showing constituent concentrations over time (1996 through 2023) for each monitoring well are included in Appendix B. The presence of daughter products indicates that constituents, particularly tetrachloroethene and trichloroethene, are biodegrading. Additionally, there have been significant decreases in volatile organic compound (VOC) concentrations in the wells immediately downgradient of the infiltration beds onsite.

The duration of the CEA is indeterminate for the time that there is an active GWET system.

Notification

To satisfy Section G, Item 7 of the Biennial Certification Form, a copy of this form will be sent to the appropriate municipal and county clerks and health departments within one week of receiving approval from the New Jersey Department of Environmental Protection (NJDEP). Additionally, a copy will be retained at the public repository located at the Pompton Lakes Library. This is being conducted in accordance with historical notification procedures for the Site as approved by the regulatory agencies.

Well Maintenance

In response to Section G, Item 8 of the Biennial Certification Form, no integrity issues for monitoring wells within the CEA have been identified since the submittal of the last biennial CEA to the present time. Water level measurements are collected on either a quarterly or semi-annual basis as part of the groundwater compliance program for the Site. During those times, the wells are checked for any integrity issues.

Section H. Site Use, Changes, and Disturbances

Future Use

Consistent with the NJDEP and U.S. Environmental Protection Agency (USEPA) guidance and policies for the remediation of impacted sites, the expected plan is to return the property to beneficial reuse within the community.

Section I. Current or Planned Water Use Within the Well Search Area

Water use within the CEA when CEA was established

No potable, irrigation, industrial, or geothermal wells were present in the CEA area when the CEA was established. In addition, no well head protection areas were present at that time.

Current water use within the CEA boundaries

CEA #3 is located entirely within the boundaries of the Pompton Lakes Works Site and is captured by the GWET system. No potable, irrigation, industrial, or geothermal wells are located within the CEA boundaries. In response to Section I, Item 5 of the Biennial Certification Form, the results of the well search are included in Appendix C.

In response to Section I, Item 3 of the Biennial Certification Form, the Pompton Lakes Master Plan and zoning plans were reviewed to evaluate planned changes in water use. No planned changes in water use were identified since the last Biennial Certification Form was submitted. Additionally, letters were submitted to the following agencies requesting documentation regarding any changes in the last two years, as well as any future plans, for projected water use in the CEA area:

- Passaic County Department of Health;
- Borough of Pompton Lakes Board of Health;
- Borough of Pompton Lakes Building Department – Planning / Zoning Board; and
- Borough of Pompton Lakes Municipal Utilities Authority.

Notification letters and responses received to date are included as Appendix D. NJDEP will be notified if and when any additional information is received.

Section J. Vapor Intrusion

In accordance with NJDEP's *Vapor Intrusion Technical Guidance*, there is one occupied office building located onsite within 100 feet of the shallow groundwater plume that triggered a vapor intrusion (VI) investigation. An indoor air sample is collected from the first floor of this building on an annual basis. Indoor air results indicate no detections of the 10 Site constituents of concern. Based on these indoor air results, a VI pathway does not exist, and no additional activities are required for this building.

SECTION L: ADDITIONAL INFORMATION FOR BIENNIAL CEA #3 – POMPTON LAKES WORKS SITE,
POMPTON LAKES, NEW JERSEY

CEA #3 is located entirely within the boundaries of the Pompton Lakes Works Site and adjacent to offsite CEA #4. Evaluation of offsite VI investigation/mitigation activities was conducted and reviewed for CEA #4.

Section K. Financial Assurance

In response to Section K, Item 2 of the Biennial Certification Form, financial assurance for the Pompton Lakes Works projects has been established with both NJDEP and USEPA. As agreed to by both agencies, groundwater compliance and vapor intrusion activities are financially assured under the USEPA RCRA program.

SECTION M. PERSON WITH PRIMARY CONTACT FOR PERMIT COMPLIANCE / PERSON RESPONSIBLE FOR MONITORING THE PROTECTIVENESS OF THE REMEDIAL ACTION INFORMATION AND CERTIFICATION

Affiliation/Name of Organization: The Chemours Company FC, LLC

Representative First Name: Tom Representative Last Name: Ei

Title: Remediation Senior Director

Phone Number: (973) 492-7703

Ext.: _____

Fax: _____

Mailing Address: 2000 Cannonball Road

Municipality: Pompton Lakes

State: New Jersey

Zip Code: New Jersey

Email Address: tom.ei@chemours.com

This certification shall be signed by the person with primary contact for permit compliance/person responsible for monitoring the protectiveness of the remedial action in accordance with the Administrative Requirements for the Remediation of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a).

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, including all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

I also understand that engineering and institutional controls must be evaluated and maintained to ensure they remain protective of public health and safety and the environment.

Based upon the information provided herein, I hereby certify that the remedial action(s) implemented at the site that includes engineering and/or institutional controls remains protective of public health and safety and the environment.

Signature: _____



Date: April 25, 2024

Name/Title: Remediation Senior Director

Completed forms should be emailed to srp_submissions@dep.nj.gov.*

- * All Ground Water Remedial Action Protectiveness/Biennial Certification forms associated with a Post-NFA Case must continue to be submitted on a CD by mail with the accompanying fee to the following address:

Bureau of Case Assignment & Initial Notice
Contaminated Site Remediation & Redevelopment
NJ Department of Environmental Protection
401-05H
PO Box 420
Trenton, NJ 08625-0420

APPENDIX A

SCALED MAP WITH CEA/WRA EXTENT

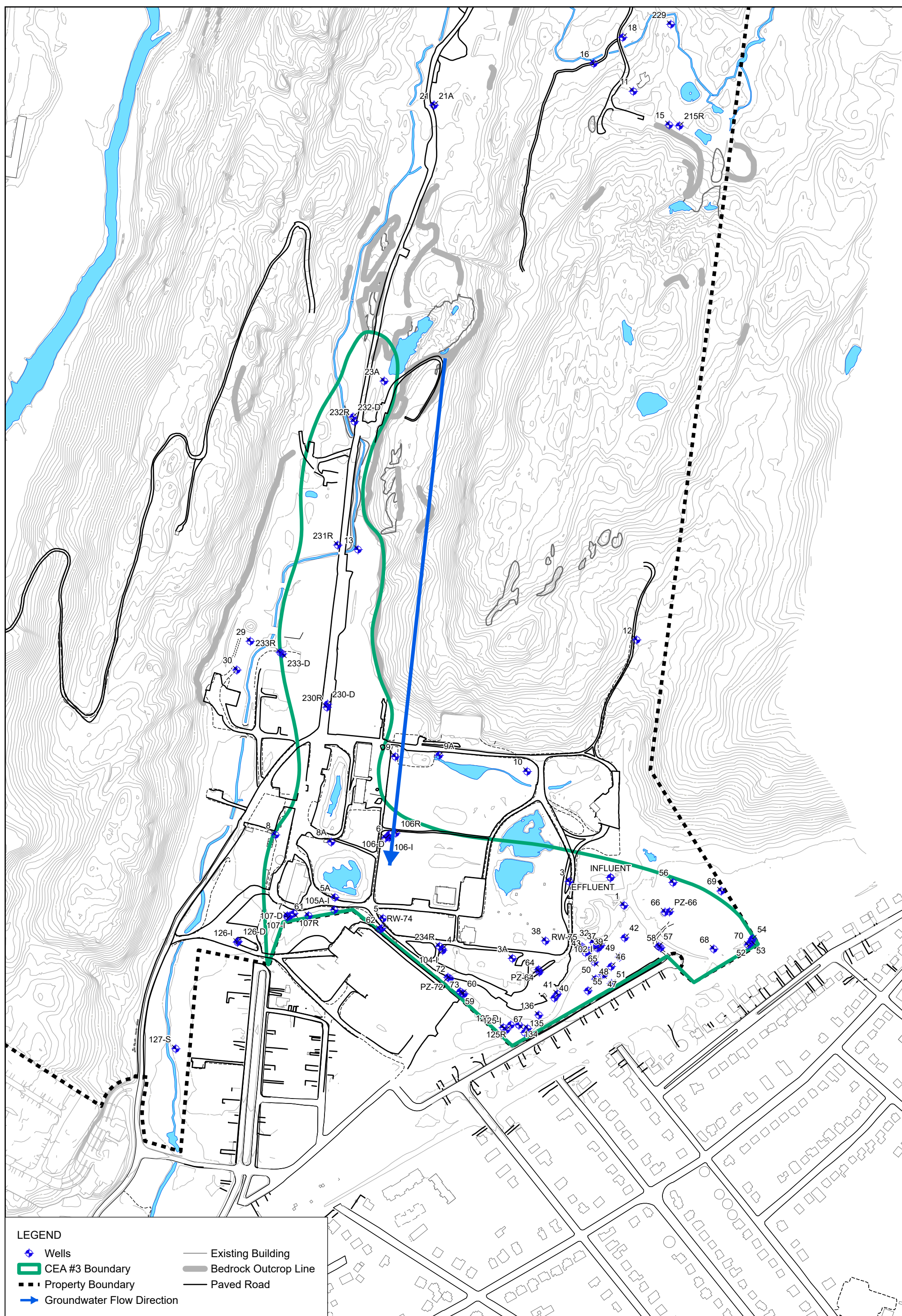


Copyright:© 2013 National Geographic Society, i-cubed



SITE LOCATION MAP
POMPTON LAKES WORKS

FIGURE 1



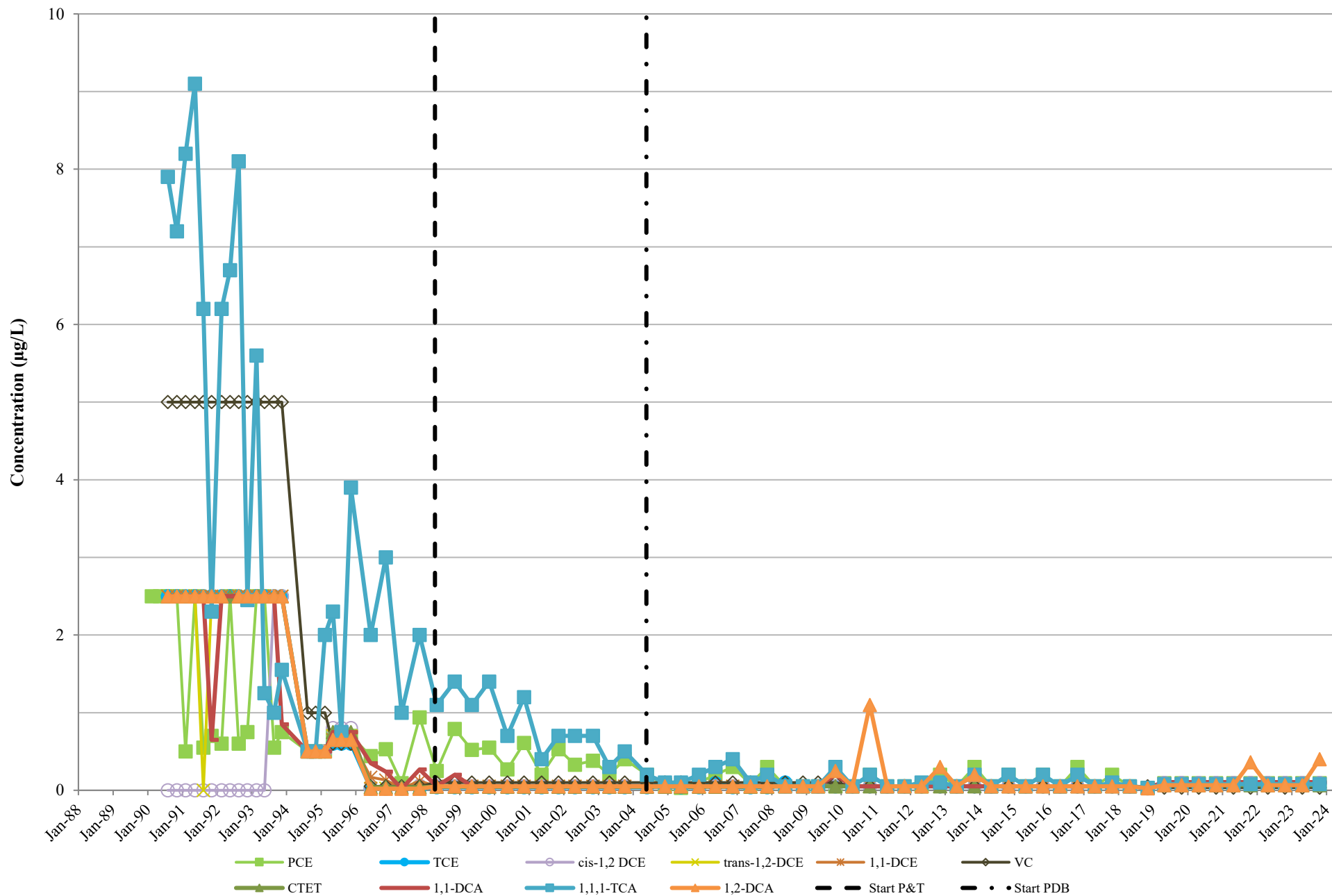
APPENDIX B

GROUNDWATER QUALITY TREND CHARTS

Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

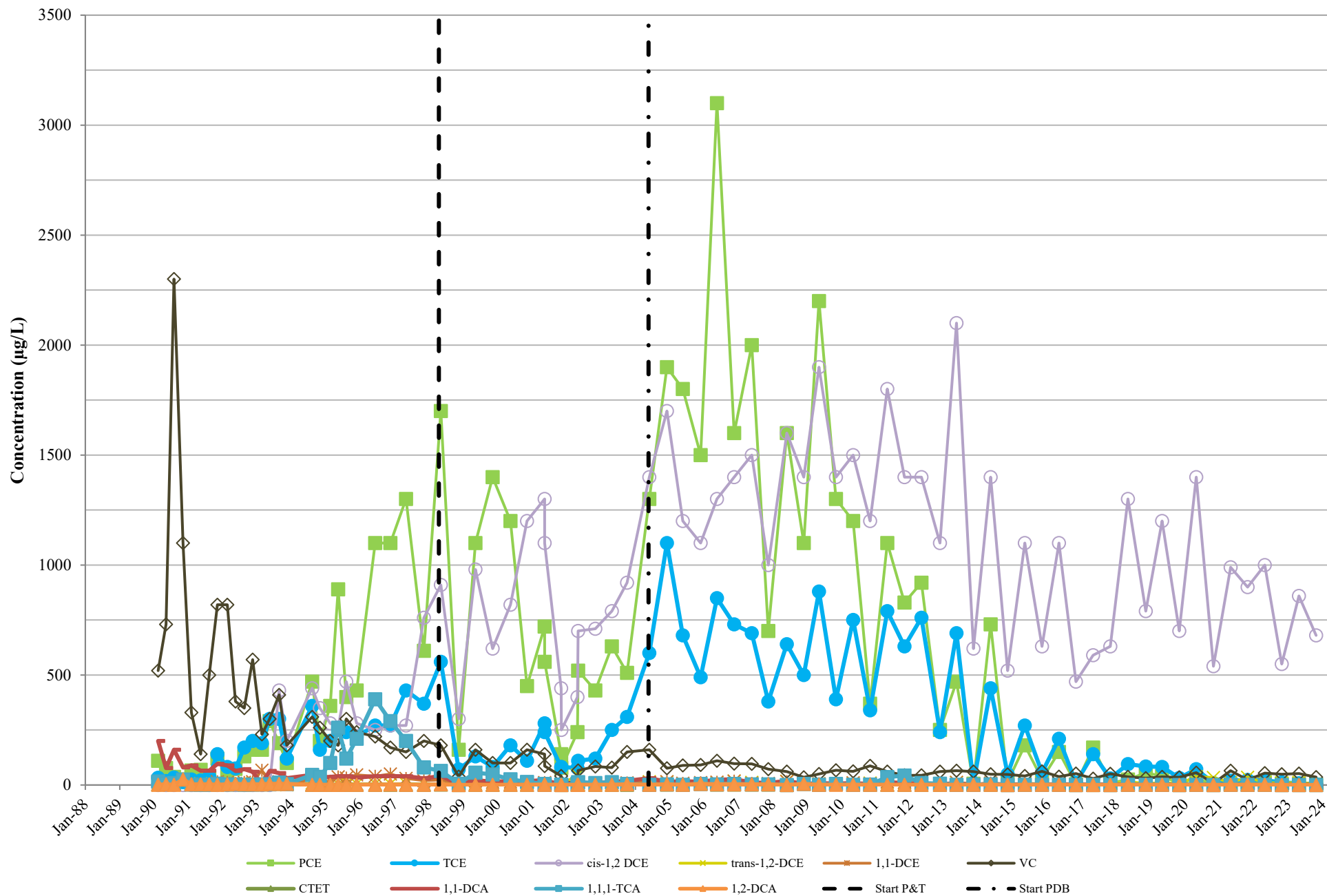
Concentration vs Time Shallow Well 16 (North Plant)



Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time Intermediate Well 13 (Middle Plant)

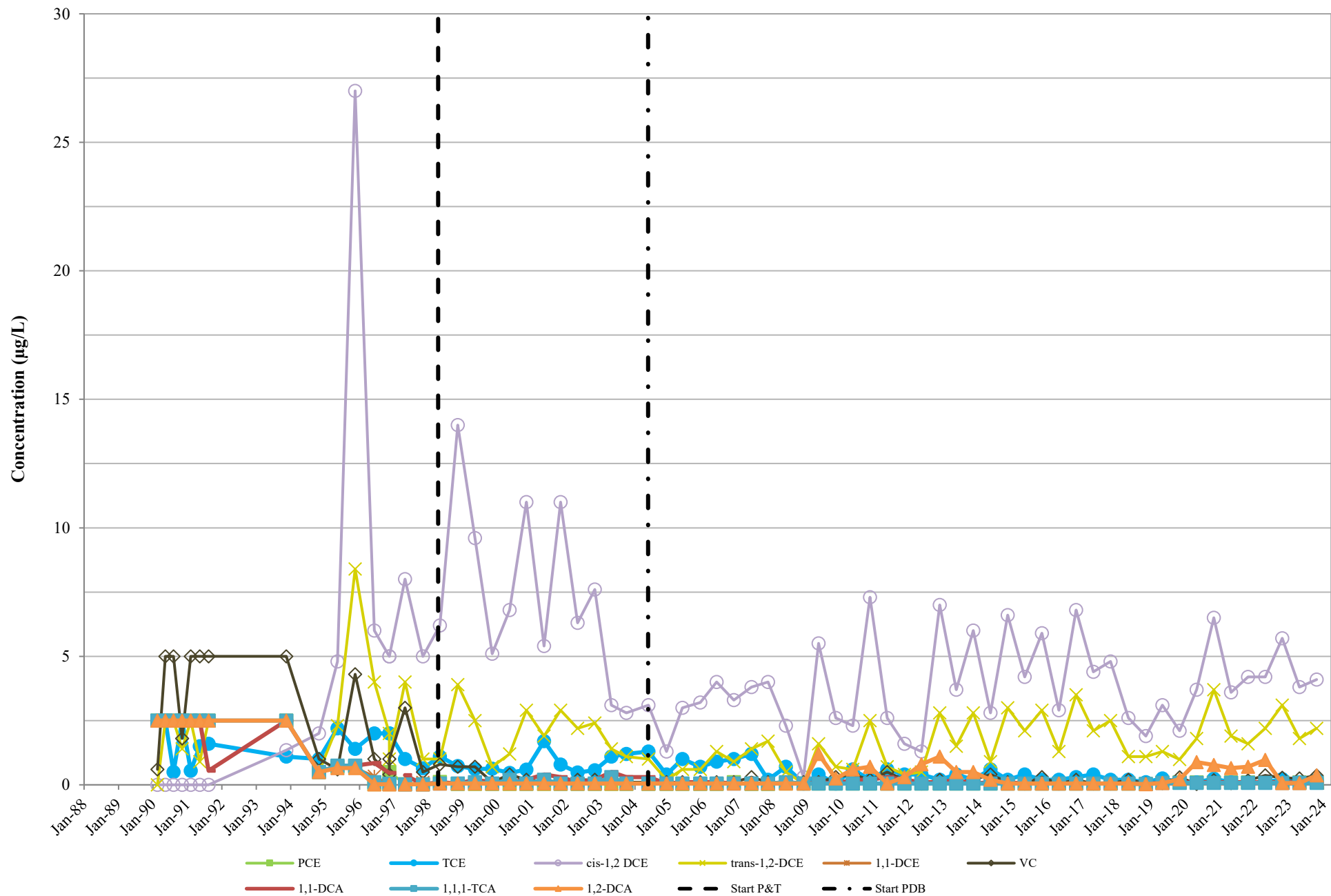


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

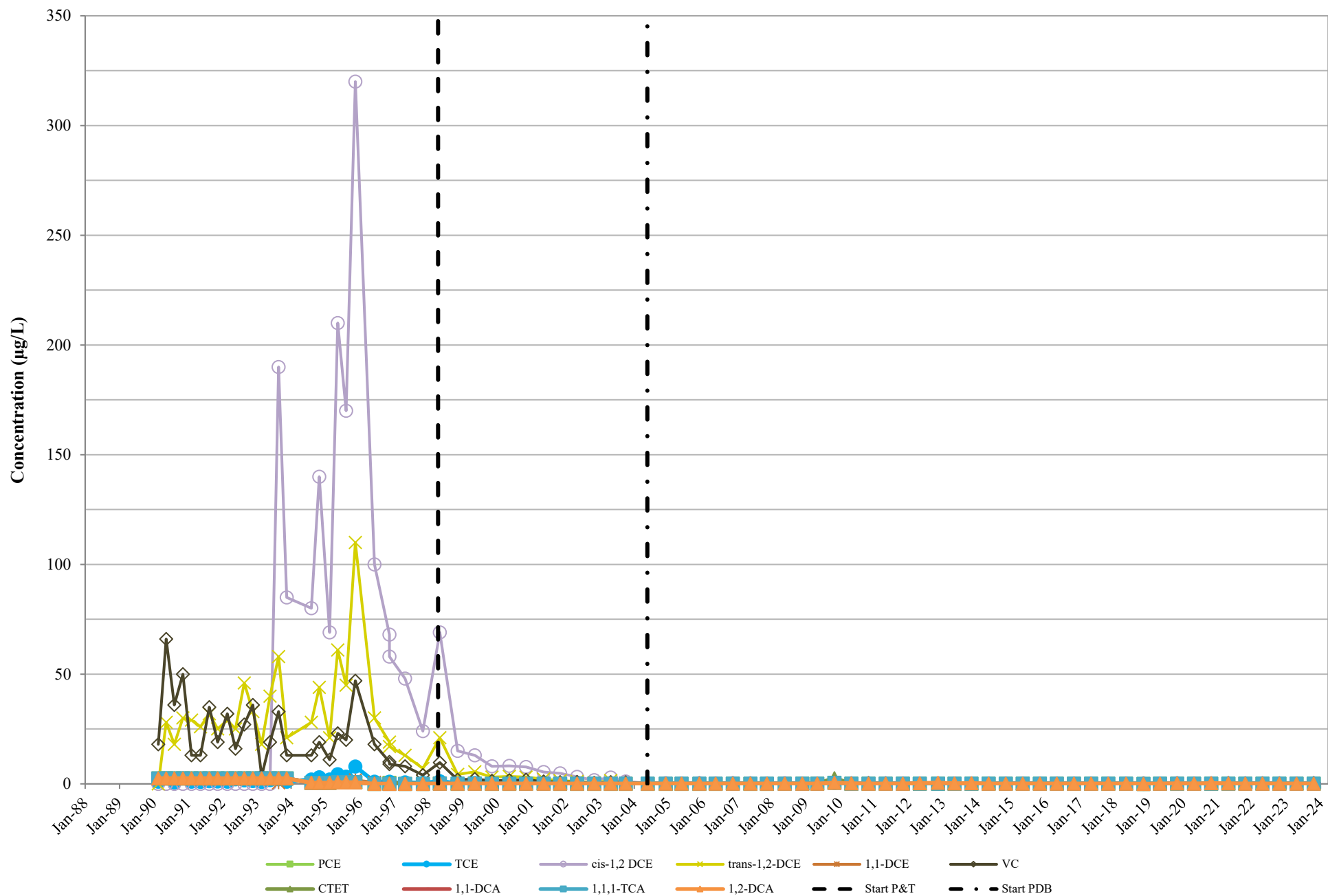
Intermediate Well 107-I (South Plant - West)



Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

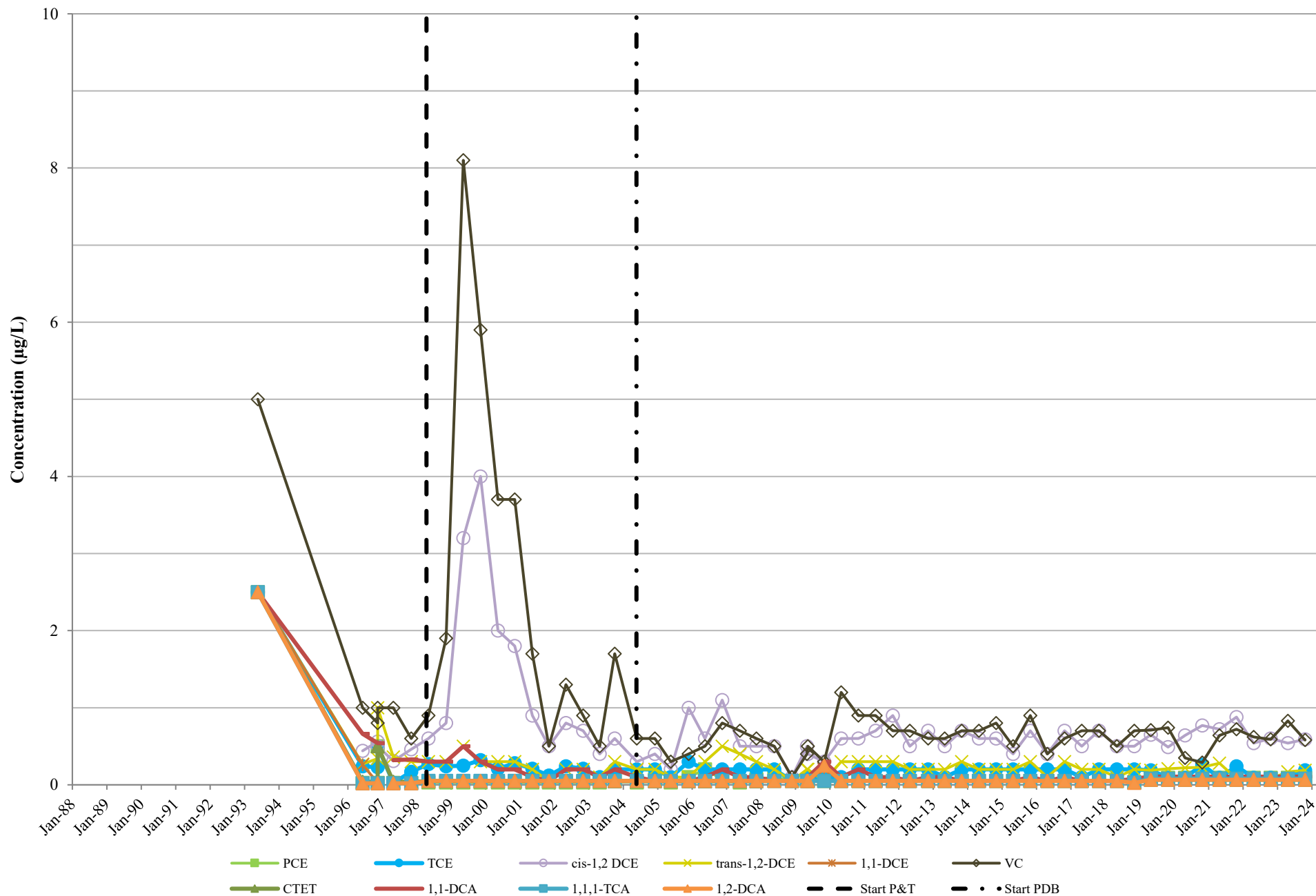
Concentration vs Time Deep Well 107-D (South Plant - West)



Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

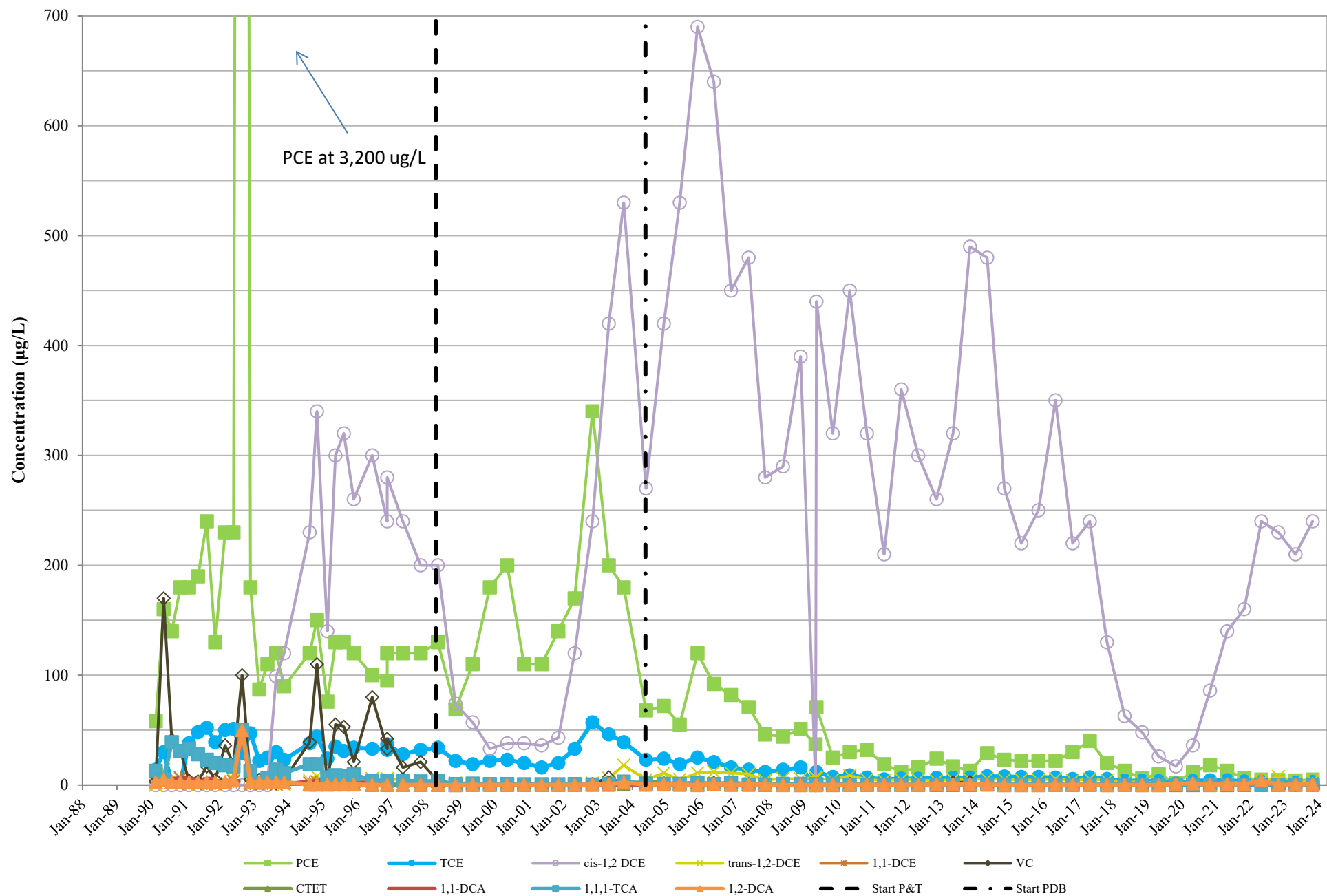
Concentration vs Time Shallow Well 5A (South Plant - West)



Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

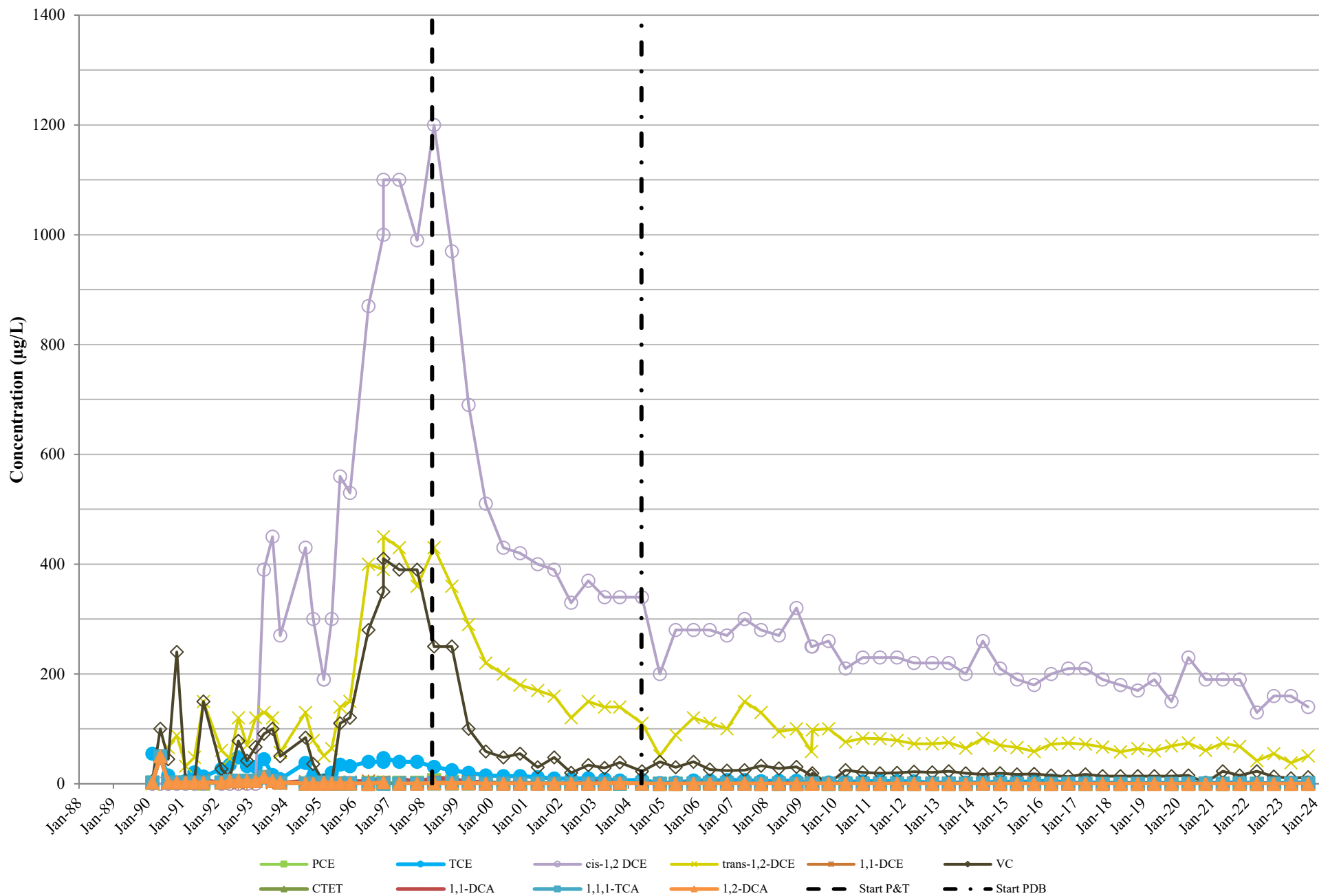
Concentration vs Time Intermediate Well 5 (South Plant - West)



Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time Deep Well 105A-I (South Plant - West)

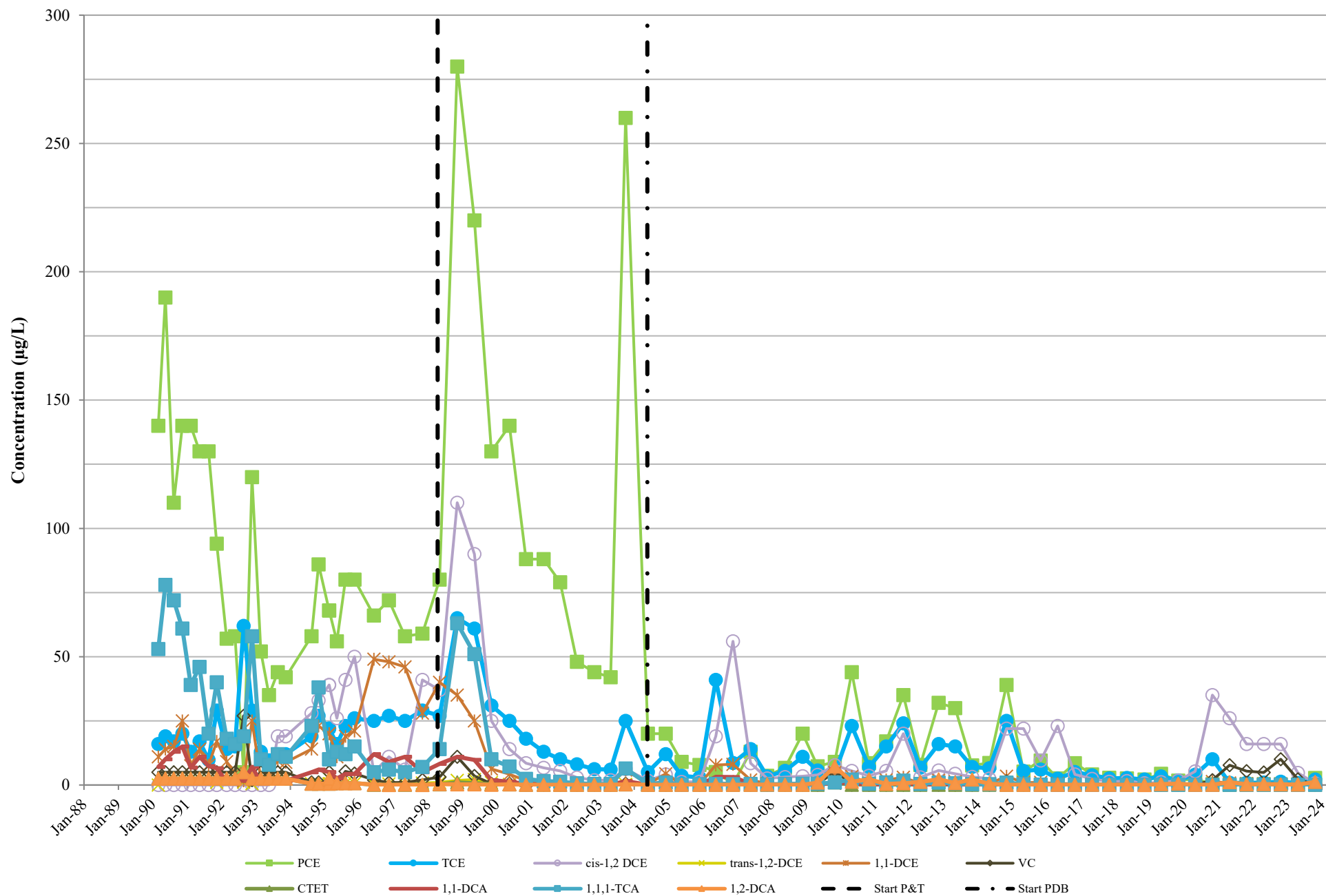


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Intermediate Well 125-I (South Plant - South of Bed 1)

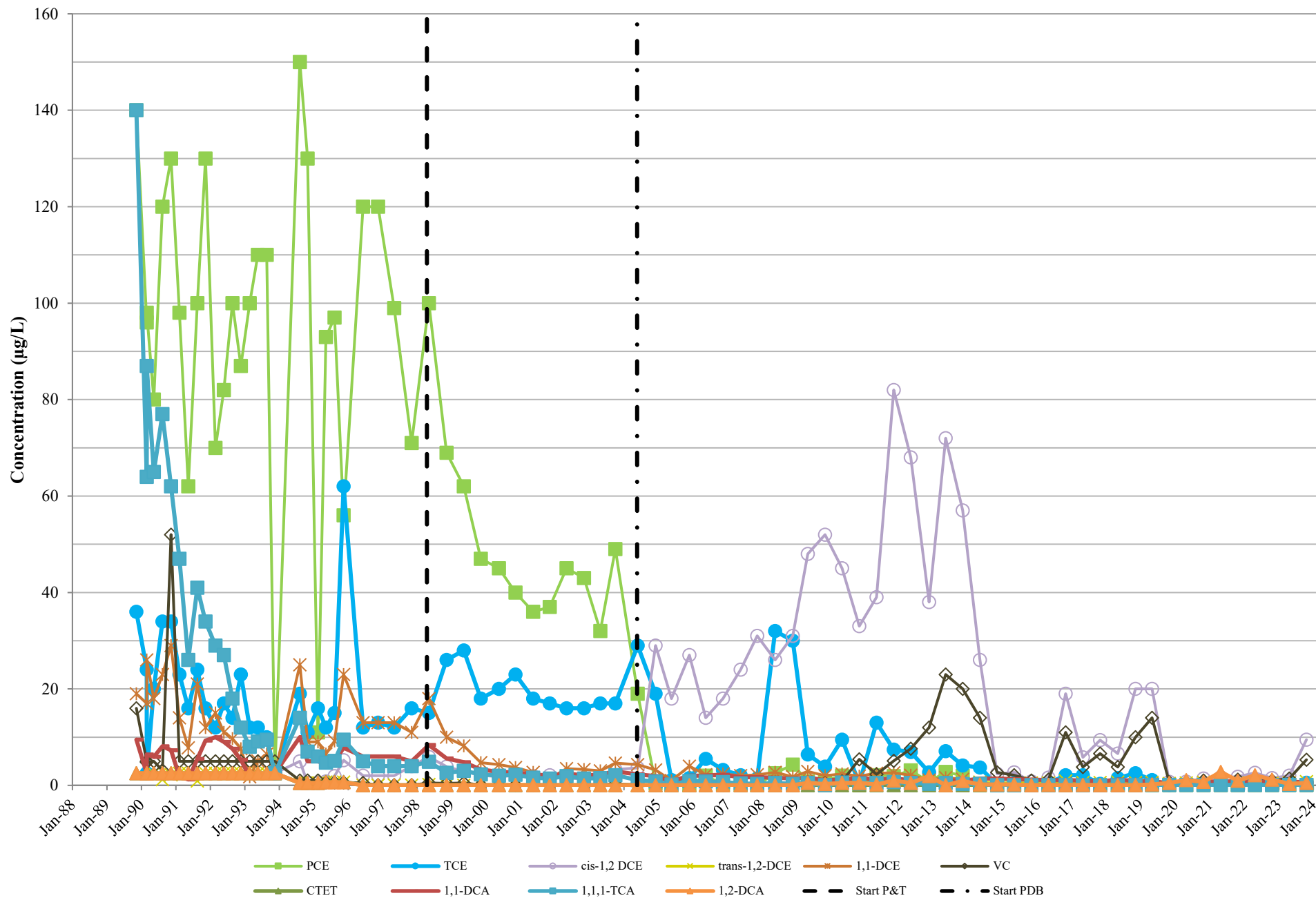


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Deep Well 125-D (South Plant - South of Bed 1)

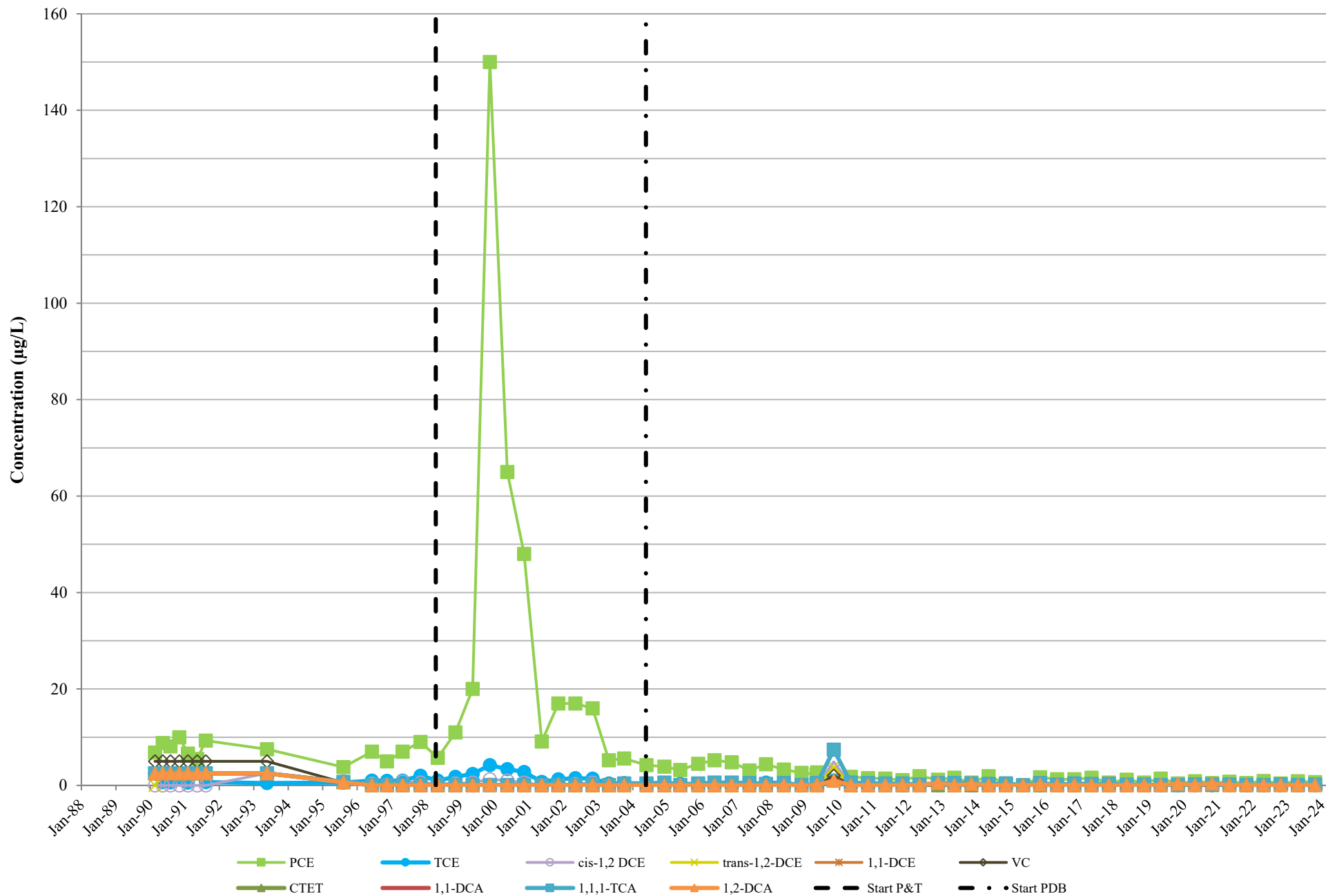


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 3A (South Plant - Center)

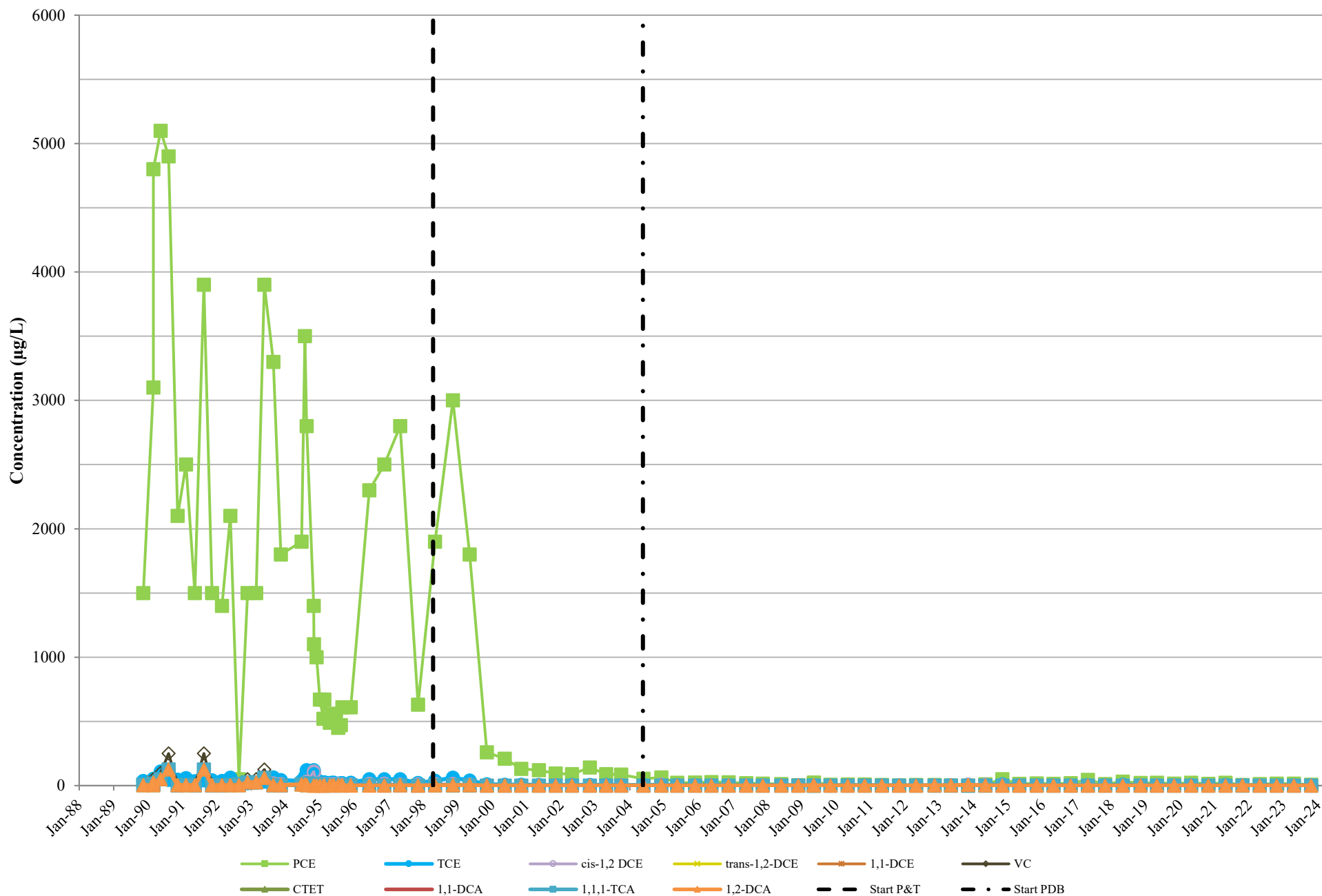


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Intermediate Well 2 (South Plant - Vicinity of RW-65 and Beds 2 & 3)

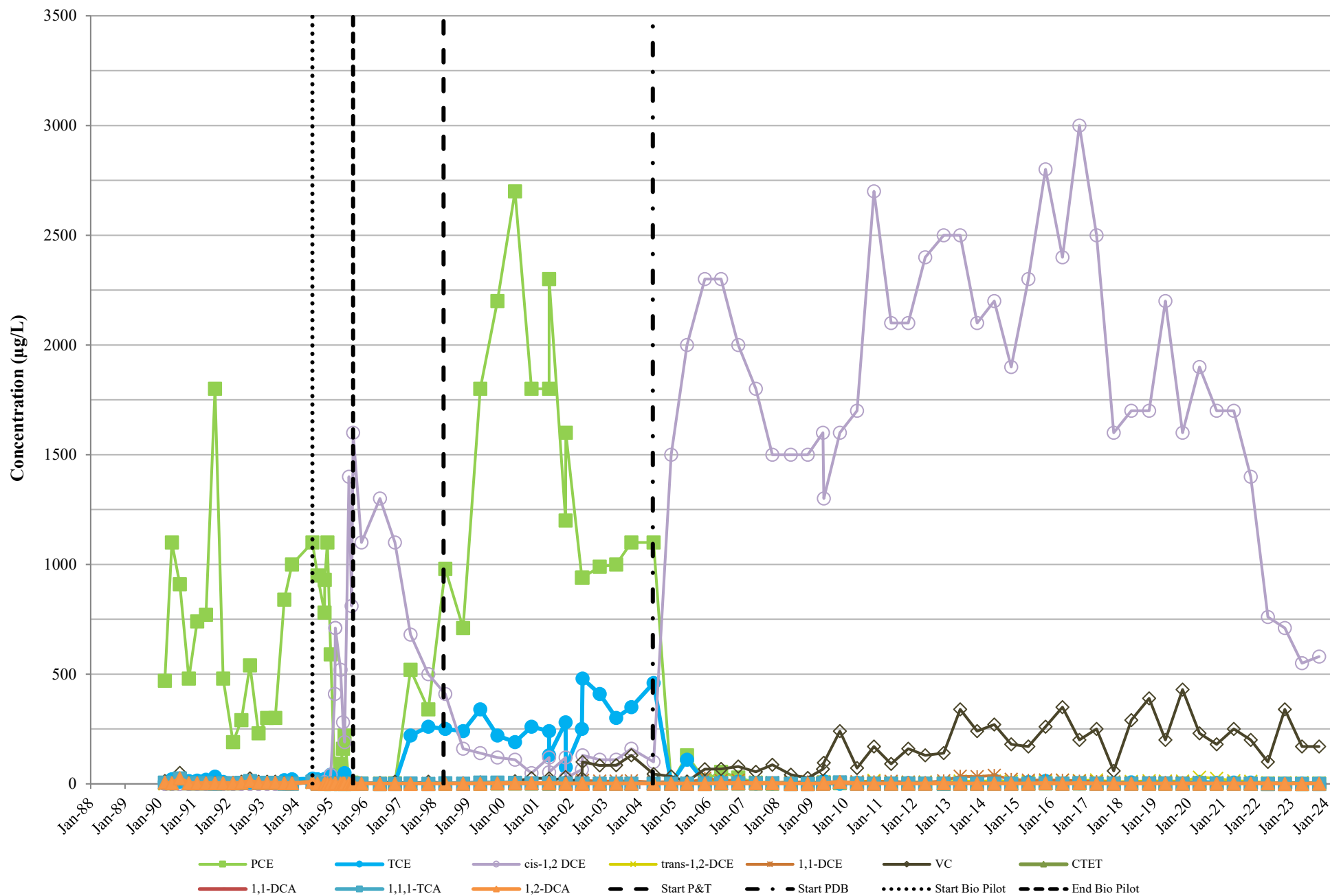


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Deep Well 102-I (South Plant - Vicinity of RW-65 and Beds 2 & 3)

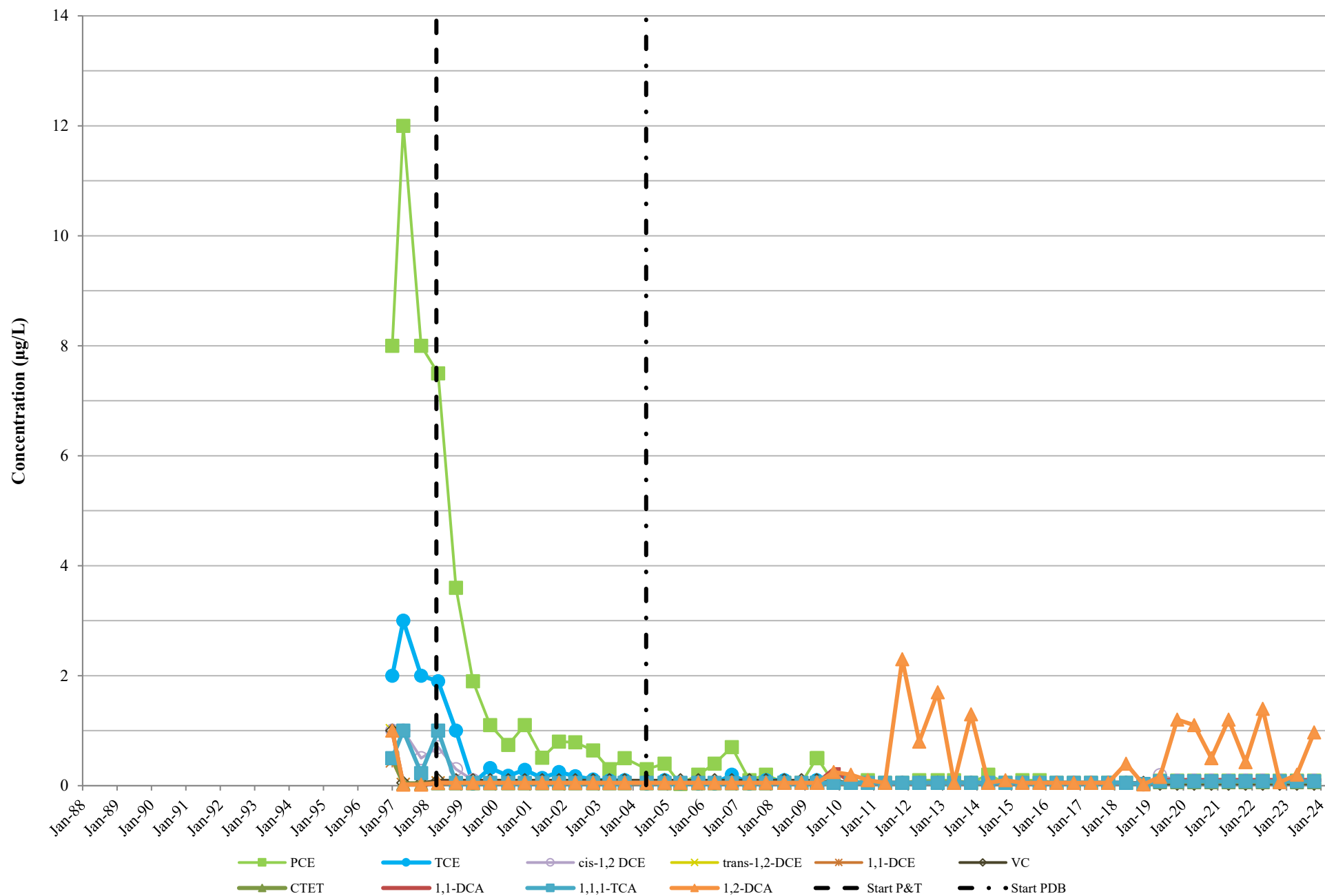


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL

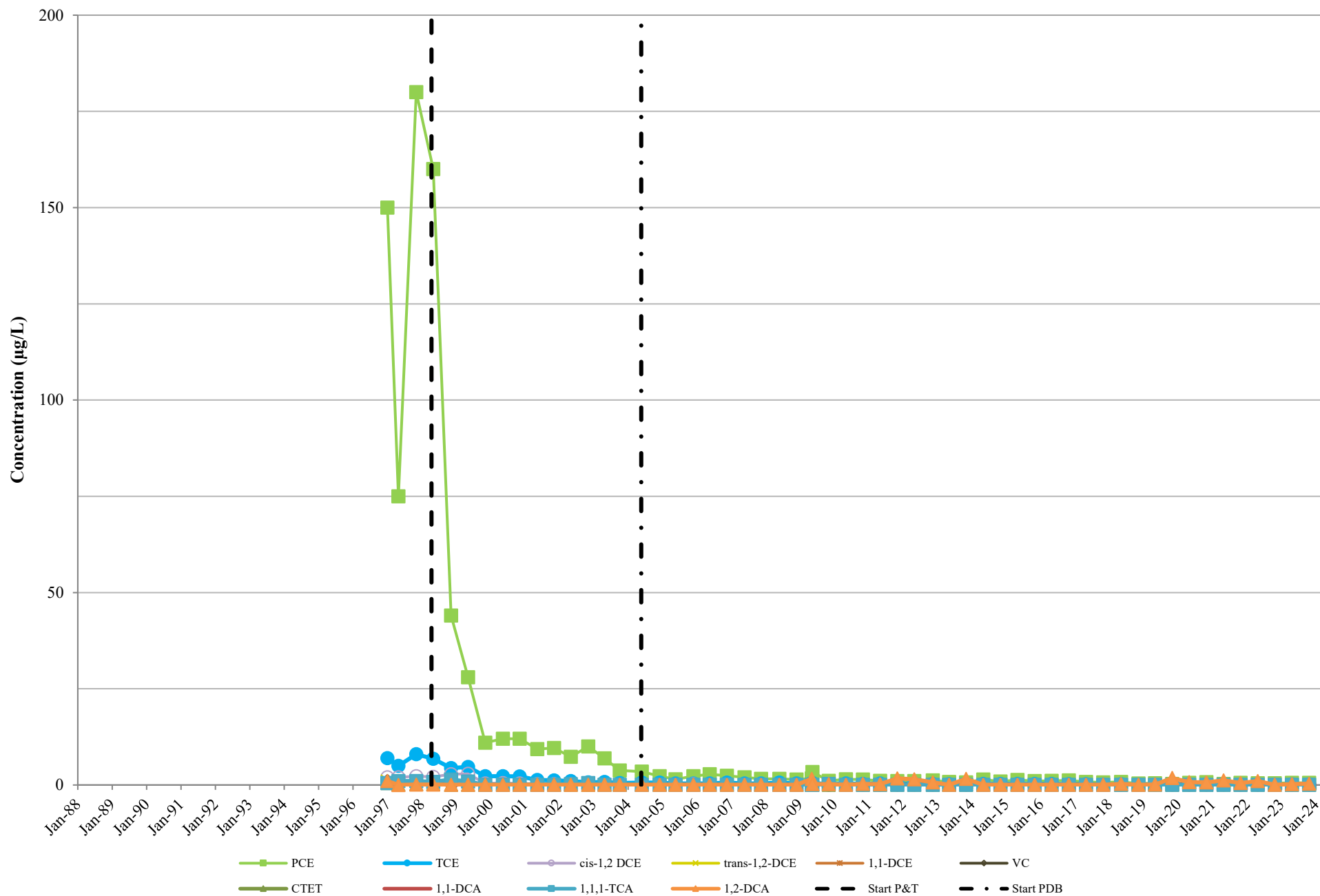
Concentration vs Time

Shallow Well 52 (South Plant - Soccer Field South of Bed 5)



1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

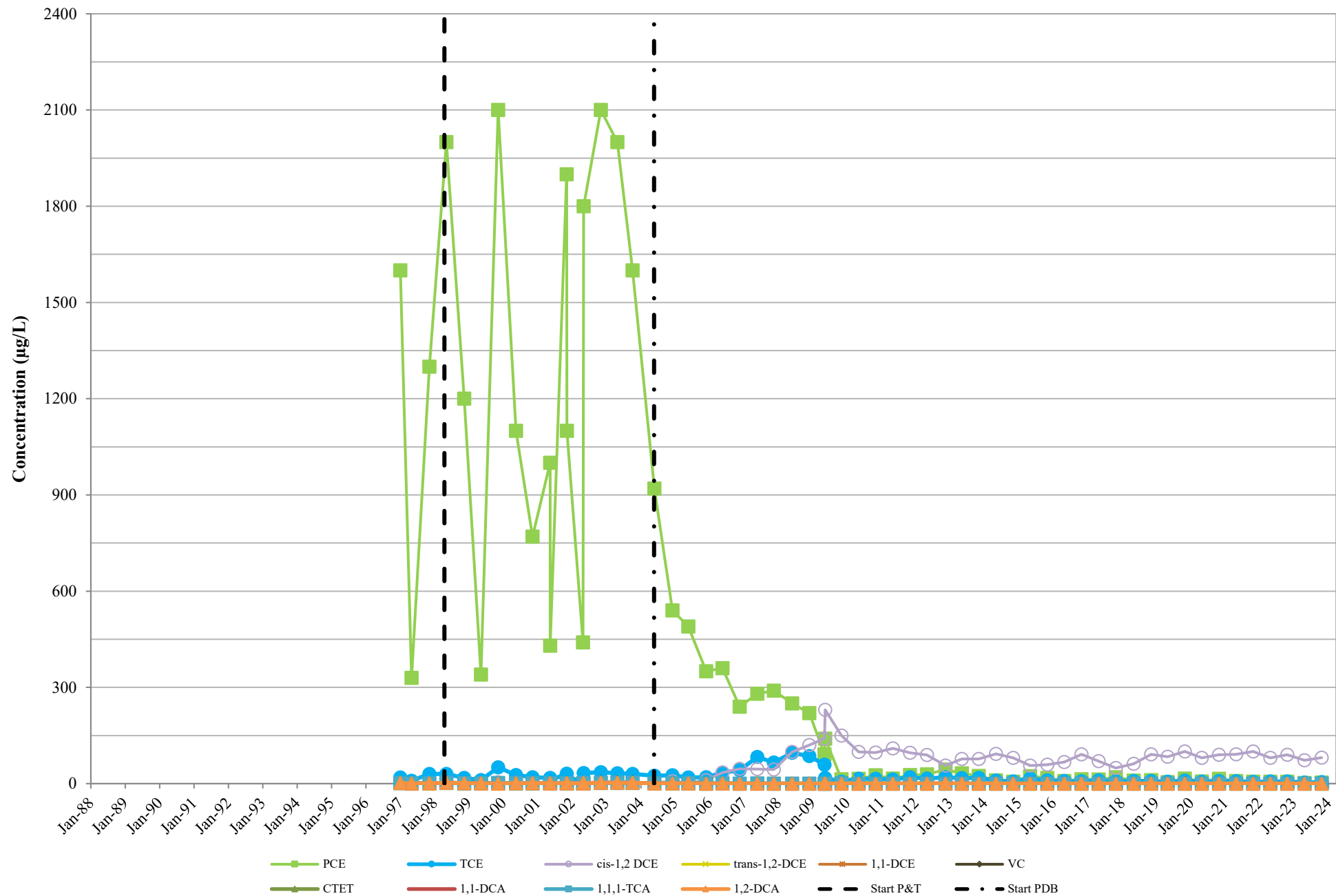


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Deep Well 54 (South Plant - Soccer Field South of Bed 5)



APPENDIX C

WELL SEARCH RESULTS

CEA #3 - Well Search Summary Table
Pompton Lakes Works Site
Pompton Lakes, NJ

| Permit Number | Well Use | Well Name | Potentially Potable | Document | Date (permitted /drilled /sealed) | Physical Address | County | Municipality | Block | Lot | Location Method | Easting (X) | Northing (Y) | Distance (Feet) | Depth (ft) | Capacity (gal/min) |
|---------------|------------|-----------|---------------------|----------|-----------------------------------|-------------------------|---------|--------------------|-------|-----|-----------------|-------------|--------------|-----------------|------------|--------------------|
| E202311207 | Monitoring | B-1 | No | Permit | 10/30/2023 | 519 RINGWOOD AVE | Passaic | Pompton Lakes Boro | 2600 | 2 | Digital Image | 548803 | 791297 | 4,570.18 | 15 | 0 |
| E202310970 | Monitoring | MW-4 | No | Record | 11/3/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | GPS | 549087 | 791227 | 4,395.19 | 20 | |
| E202310970 | Monitoring | MW-4 | No | Permit | 10/23/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | Digital Image | 549097 | 791231 | 4,385.01 | 20 | 0 |
| E202306872 | Domestic | 1 | Yes | Record | 9/28/2023 | 11 PIERSON MILLER DRIVE | Bergen | Oakland Boro | 101 | 2 | GPS | 555590 | 795469 | 3,461.63 | 800 | |
| E202306872 | Domestic | 1 | Yes | Permit | 8/23/2023 | 11 PIERSON MILLER DRIVE | Bergen | Oakland Boro | 101 | 2 | GPS | 555590 | 795469 | 3,461.63 | 250 | 10 |
| E202304724 | Monitoring | MW-14M | No | Permit | 5/11/2023 | 504 Montclair Ave | Passaic | Pompton Lakes Boro | 2701 | 1 | Digital Image | 547381 | 791221 | 5,796.03 | 78 | 0 |
| E202304724 | Monitoring | MW-14M | No | Record | 5/17/2023 | 504 Montclair Ave | Passaic | Pompton Lakes Boro | 2701 | 1 | GPS | 547381 | 791221 | 5,796.03 | 78 | |
| E202304723 | Monitoring | MW-12S | No | Permit | 5/11/2023 | W of Erie RR | Passaic | Pompton Lakes Boro | 1000 | 20 | Digital Image | 547233 | 791785 | 5,671.65 | 78 | 0 |
| E202304723 | Monitoring | MW-12S | No | Record | 5/15/2023 | W of Erie RR | Passaic | Pompton Lakes Boro | 1000 | 20 | GPS | 547233 | 791785 | 5,671.65 | 35 | |
| E202304722 | Monitoring | MW-12M | No | Permit | 5/11/2023 | W of Erie RR | Passaic | Pompton Lakes Boro | 1000 | 20 | Digital Image | 547233 | 791767 | 5,679.04 | 78 | 0 |
| E202304722 | Monitoring | MW-12M | No | Record | 5/16/2023 | W of Erie RR | Passaic | Pompton Lakes Boro | 1000 | 20 | GPS | 547233 | 791767 | 5,679.04 | 79 | |
| E202303710 | Monitoring | MW-11M | No | Record | 4/25/2023 | near 411 Montclair Ave | Passaic | Pompton Lakes Boro | ROW | ROW | GPS | 547573 | 791978 | 5,282.58 | 79 | |
| E202303710 | Monitoring | MW-11M | No | Permit | 4/18/2023 | near 411 Montclair Ave | Passaic | Pompton Lakes Boro | ROW | ROW | Digital Image | 547573 | 791978 | 5,282.58 | 80 | 0 |
| E202303709 | Monitoring | MW-11S | No | Record | 4/24/2023 | near 411 Montclair Ave | Passaic | Pompton Lakes Boro | ROW | ROW | GPS | 547574 | 791975 | 5,282.87 | 35 | |
| E202303709 | Monitoring | MW-11S | No | Permit | 4/18/2023 | near 411 Montclair Ave | Passaic | Pompton Lakes Boro | ROW | ROW | Digital Image | 547574 | 791975 | 5,282.87 | 35 | 0 |
| E202303708 | Monitoring | MW-13 | No | Record | 4/24/2023 | W of Erie RR | Passaic | Pompton Lakes Boro | 1000 | 20 | GPS | 547152 | 791287 | 5,964.25 | 35 | |
| E202303708 | Monitoring | MW-13 | No | Permit | 4/17/2023 | W of Erie RR | Passaic | Pompton Lakes Boro | 1000 | 20 | Digital Image | 547152 | 791287 | 5,964.25 | 35 | 0 |
| E202303706 | Monitoring | MW-12S | No | Permit | 4/17/2023 | W of Erie RR | Passaic | Pompton Lakes Boro | 1000 | 20 | Digital Image | 547243 | 791758 | 5,673.65 | 35 | 0 |
| E202300262 | Monitoring | MW-3 | No | Permit | 1/12/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | Digital Image | 549215 | 791037 | 4,428.77 | 20 | 0 |
| E202300262 | Monitoring | MW-3 | No | Record | 1/23/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | GPS | 549235 | 791038 | 4,413.68 | 20 | |
| E202300261 | Monitoring | MW-2 | No | Permit | 1/12/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | Digital Image | 549271 | 791312 | 4,200.86 | 20 | 0 |
| E202300261 | Monitoring | MW-2 | No | Record | 1/23/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | GPS | 549278 | 791290 | 4,210.32 | 20 | |
| E202300260 | Monitoring | MW-1 | No | Permit | 1/12/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | Digital Image | 549024 | 791061 | 4,552.31 | 20 | 0 |
| E202300260 | Monitoring | MW-1 | No | Record | 1/23/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | GPS | 549027 | 791077 | 4,539.38 | 20 | |
| E202212378 | Irrigation | Well #1 | Yes | Permit | 11/7/2022 | Jefferson Street | Passaic | Wanaque Boro | 459 | 19 | Digital Image | 549079 | 797679 | 4,883.5 | 500 | 20 |

CEA #3 - Well Search Summary Table
Pompton Lakes Works Site
Pompton Lakes, NJ

| Permit Number | Well Use | Well Name | Potentially Potable | Document | Date (permitted /drilled /sealed) | Physical Address | County | Municipality | Block | Lot | Location Method | Easting (X) | Northing (Y) | Distance (Feet) | Depth (ft) | Capacity (gal/min) |
|---------------|-------------------|-----------|---------------------|-----------------|-----------------------------------|------------------------|---------|--------------------|-------|------|----------------------|-------------|--------------|-----------------|------------|--------------------|
| E202212269 | Boring/Individual | HP-6 | No | Permit | 11/22/2022 | 504 MONTCLAIR AVE | Passaic | Pompton Lakes Boro | 2701 | 1 | Digital Image | 547377 | 791210 | 5,804.98 | 35 | 0 |
| E202212268 | Boring/Individual | HP-5 | No | Permit | 11/22/2022 | W OF ERIE RR | Passaic | Pompton Lakes Boro | 1000 | 20 | Digital Image | 547162 | 791300 | 5,949.3 | 35 | 0 |
| E202212267 | Boring/Individual | HP-4 | No | Permit | 11/22/2022 | W OF ERIE RR | Passaic | Pompton Lakes Boro | 1000 | 20 | Digital Image | 547224 | 791781 | 5,681.5 | 35 | 0 |
| E202209768 | Monitoring | MW-62 | No | Permit | 9/22/2022 | CANNONBALL RD | Passaic | Pompton Lakes Boro | 100 | 3 | Survey frm Benchmark | 552008 | 794019 | 409.35 | 55 | 0 |
| E202208960 | Monitoring | MW-5 | No | Record | 8/25/2022 | William Place | Passaic | Wanaque Boro | 435 | 1 | GPS | 548786 | 799891 | 6,825.33 | 21 | |
| E202208960 | Monitoring | MW-5 | No | Permit | 8/23/2022 | William Place | Passaic | Wanaque Boro | 435 | 1 | GPS | 548786 | 799891 | 6,825.33 | 21 | 0 |
| E202206431 | Recovery | RW-75 | No | Permit | 1/26/2023 | 2000 Cannonball Rd | Passaic | Pompton Lakes Boro | 100 | 3 | Digital Image | 552851 | 793944 | 471.69 | 48 | 20 |
| E202206429 | Recovery | RW-74 | No | Permit | 1/26/2023 | 2000 Cannonball Rd | Passaic | Pompton Lakes Boro | 100 | 3 | Digital Image | 552017 | 794022 | 399.92 | 82 | 60 |
| E202205783 | Boring/Individual | SB-2 | No | Permit | 5/24/2022 | near 430 Montclair Ave | Passaic | Pompton Lakes Boro | ROW | ROW | Digital Image | 547565 | 791822 | 5,354.56 | 35 | 0 |
| E202205782 | Boring/Individual | SB-1 | No | Permit | 5/24/2022 | 430 MONTCLAIR AVE. | Passaic | Pompton Lakes Boro | 1800 | 13 | Digital Image | 547502 | 791818 | 5,413.3 | 35 | 0 |
| E202205382 | Monitoring | MW-65 | No | Permit | 6/1/2022 | CANNONBALL RD | Passaic | Pompton Lakes Boro | 100 | 3 | Survey frm Benchmark | 552856 | 793937 | 478.82 | 46 | 0 |
| E202203055 | Boring/Individual | PL-2022-2 | No | Permit | 4/11/2022 | Broad Street | Passaic | Wanaque Boro | 468 | 2.01 | GPS | 546376 | 795129 | 6,118.13 | 70 | 0 |
| E201811633 | Piezometer | MW-5 | No | Decommissioning | 12/1/2022 | LAKESIDE AVE | Passaic | Pompton Lakes Boro | 6600 | 5 | GPS | 552228 | 790994 | 3,117.2 | 6 | |
| E201811632 | Piezometer | MW-2 | No | Decommissioning | 12/1/2022 | LAKESIDE AVE | Passaic | Pompton Lakes Boro | 6600 | 5 | GPS | 552271 | 791109 | 3,000.13 | 6 | |
| E201811629 | Piezometer | MW-1 | No | Decommissioning | 12/1/2022 | POMPTON LAKE | Passaic | Pompton Lakes Boro | 12600 | 1 | GPS | 552441 | 791214 | 2,892.19 | 6 | |
| E201613837 | Monitoring | MW-6 | No | Decommissioning | 9/30/2022 | Ringwood Ave R | Passaic | Wanaque Boro | 448 | 8 | GPS | 548012 | 797975 | 5,856.11 | 18 | |
| E201613836 | Monitoring | MW-5 | No | Decommissioning | 9/30/2022 | Ringwood Ave R | Passaic | Wanaque Boro | 448 | 8 | GPS | 547944 | 798013 | 5,932.28 | 18 | |
| E201613835 | Monitoring | MW-2R | No | Decommissioning | 9/30/2022 | Ringwood Ave R | Passaic | Wanaque Boro | 448 | 8 | GPS | 547895 | 797945 | 5,924.95 | 18 | |
| 2300017419 | Monitoring | MW-4 | No | Decommissioning | 9/30/2022 | Ringwood Ave R | Passaic | Wanaque Boro | 448 | 8 | GPS | 547813 | 797945 | 5,987.65 | 20 | |
| 2300017418 | Monitoring | MW-3 | No | Decommissioning | 9/30/2022 | Ringwood Ave R | Passaic | Wanaque Boro | 448 | 8 | GPS | 547838 | 797956 | 5,975.57 | 15 | |

APPENDIX D

NOTIFICATION LETTERS



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Ms. Charlene W. Gungil
Passaic County Department of Health
Environmental Health Division - Safe Drinking Water
930 Riverview Drive, Suite 250
Totowa, NJ 07512

**RE: Classification Exception Areas (#1, #3, #4, and #5)
 Pompton Lakes Works Site
 Pompton Lakes, New Jersey**

Dear Ms. Gungil:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Ms. Meghan Mulraney – Secretary
Board of Health
25 Lenox Avenue
Pompton Lakes, New Jersey 07442

**RE: Classification Exception Areas (#1, #3, #4, and #5)
Pompton Lakes Works Site
Pompton Lakes, New Jersey**

Dear Ms. Mulraney:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Mr. John Wegele
Municipal Utility Authority
2000 Lincoln Avenue
Pompton Lakes, New Jersey 07442

**RE: Classification Exception Areas (#1, #3, #4, and #5)
Pompton Lakes Works Site
Pompton Lakes, New Jersey**

Dear Mr. Wegele:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Ms. Carmelina Fusaro
Building Department – Planning/Zoning Board Secretary
25 Lenox Avenue
Pompton Lakes, New Jersey 07442

**RE: Classification Exception Areas (#1, #3, #4, and #5)
Pompton Lakes Works Site
Pompton Lakes, New Jersey**

Dear Ms. Fusaro:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File

CEA #4
Pompton Lakes Works Site
Pompton Lakes, New Jersey
PI #007411
CEA100154254



New Jersey Department of Environmental Protection
Contaminated Site Remediation and Redevelopment

**GROUND WATER REMEDIAL ACTION PROTECTIVENESS/
BIENNIAL CERTIFICATION FORM**

Date Stamp
(For Department use only)

SECTION A. SITE NAME AND LOCATION

Site Name: Pompton Lakes Works Site
List All AKAs: DuPont Pompton Lakes Works Site
Street Address: 2000 Cannonball Road
Municipality: Pompton Lakes (Township Borough or City)
County: Passaic Zip Code: 07442
Program Interest (PI) Number(s): 007411
Ground Water Remedial Action Permit (RAP) Number: CEA100154254

SECTION B. FEES

☐ Ground Water Remedial Action Protectiveness/Biennial Certification Form for a Ground Water RAP(No Fee)
Have all outstanding Ground Water RAP annual fees been paid? ☐ Yes ☐ No

☐ Post-NFA Cases (Sites without a Ground Water RAP): Ground Water Remedial Action Protectiveness/Biennial Certification Form

Note: A Ground Water RAP Initial Application is required to be submitted with this form. Please see the Compliance Notice: Post-NFA cases requiring remedial action permits, which includes the fee breakdown:
https://www.nj.gov/dep/srp/enforcement/post_nfa_compliance_notice.pdf.

| Effective on or Before June 30, 2023 | Effective July 1, 2023 |
|---|---------------------------|
| MNA - \$5,610 | \$6,100 |
| Active System- \$5,720 | \$6,320 |

SECTION C. FEE BILLING CONTACT PERSON

☐ Changed Since Last Submission of the Ground Water Remedial Action Protectiveness/Biennial Certification Form
Date of RAP Contact Information Change Form Submission: _____

Business Name: The Chemours Company FC, LLC
First Name of Contact: David Last Name of Contact: Epps
Title: Remediation Principal Project Manager
Phone Number: (973) 492-7703 Ext.: _____ Fax: _____
Mailing Address: 2000 Cannonball Road
Municipality: Pompton Lakes State: New Jersey Zip Code: 07442
Email Address: David.E.Epps@Chemours.com

SECTION D. PERSON(S) RESPONSIBLE FOR CONDUCTING THE REMEDIATION

- Has the mailing address changed for the Person(s) Responsible for Conducting the Remediation that is currently listed on the Ground Water RAP for the site? ☐ Yes ☒ No
If "Yes", provide the date of the Ground Water RAP Modification Application submission:
- Has the Contact Person/Information changed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
If "Yes", provide the date of the RAP Contact Information Change Form submission:

SECTION E. CURRENT OWNER(S) OF THE SITE

1. Has the Property Owner changed from what is currently listed on the Ground Water RAP for the site? ☐ Yes ☒ No
If "Yes", provide the date of the RAP Transfer/Change of Property
Ownership Application submission:
2. Has the mailing address changed for the Property Owner that is currently listed
on the Ground Water RAP for the site? ☐ Yes ☒ No
If "Yes", provide the date of the Ground Water RAP Modification Application submission:
3. Has the Contact Person/Information changed since the last submittal of the Ground Water Remedial Action
Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
If "Yes", provide the date of the RAP Contact Information Change Form submission:

SECTION F. ATTACHED DOCUMENTS

Only information as checked below is included in this submittal because this Site is under direct oversight by NJDEP. See Section L for more details.

Attach electronic copies of the following documents in an email to srp_submissions@dep.nj.gov*: (Check all that apply)

*See instructions for how to handle submissions associated with a Post-NFA Case.

- ☒ Ground Water Remedial Action Protectiveness/Biennial Certification Form using the current form on the NJDEP Website (Required).
- ☒ A summary of the ground water sampling results by monitoring well in tabular format to this form, including all historical ground water sampling data associated with the Ground Water RAP (Required).
- ☐ The last four ground water contour maps completed for the site, which includes the extent of the CEA/WRA, monitoring well and AOC locations on it, and the direction of ground water flow at the site (Required).
- ☐ All well inspection reports/logs that have been completed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form (Required).
- ☒ The results of the required updated well search to this form, including a scaled map and a table indicating which wells were previously evaluated (Required).
- ☐ The field sampling sheets since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form (Required).
- ☐ A table summarizing the monitoring well construction details (below ground surface (bgs)) for all the monitoring wells associated with the Ground Water RAP (Required).
- ☐ A contaminant concentration table that compares the GWQS changes and order of magnitude analysis associated with the Ground Water RAP (Required).
- ☐ The Contaminants of Emerging Concern (CECs) evaluation completed associated with the Ground Water RAP (Required).
- ☐ A summary of the Technical Impracticability (TI) Determination and a 5-year evaluation, if applicable.
- ☐ A current Tax Map of the property if the block and lot has changed for the CEA/WRA, if applicable.
- ☐ The vapor intrusion sampling results, including a scaled site map indicating the location of all structures investigated for vapor intrusion, if applicable.
- ☐ Any vapor intrusion sampling results as required from the Operation, Maintenance, & Monitoring (OMM) Plan for the vapor intrusion engineering control(s)/mitigation system(s) for the permit, including the NJDEP Vapor Intrusion Mitigation Monitoring and Maintenance Checklist. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the vapor intrusion engineering control(s)/mitigation system(s) in place (e.g., active or passive), including the address and block and lot of each impacted property.
- ☐ Any vapor intrusion sampling results as required from the Vapor Intrusion (VI) Long-Term Monitoring (LTM) Plan for the permit, if applicable. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the VI LTM Plan or the VI Change in Use Evaluation Plan, including the address and block and lot of each impacted property.
- ☐ The summary of the inspection and a scale site map clearly identifying the buildings with Indeterminate Vapor Intrusion Pathway status, including the address and block/lot of each building, if applicable.
- ☐ The completed Remediation Cost Review and RFS/FA Form with a detailed cost estimate, if applicable.

- ☐ The homeowner or condominium association's annual budget that includes funds for the operation, maintenance, and monitoring of the engineering control(s) associated with the Ground Water RAP, if applicable.
- ☐ The annual statements confirming the value of the Financial Assurance Instrument, if applicable.

SECTION G. REMEDIAL ACTION AND CEA/WRA INFORMATION

1. Type of Ground Water Remediation

a. ☐ Monitored Natural Attenuation

- 1) Has ground water sampling been conducted at the site since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☐ No

If "Yes", attach a summary of the ground water sampling results by monitoring well in tabular format to this form, including all historical ground water sampling data for the site.

- 2) Has ground water sampling been conducted in accordance with the Ground Water Monitoring Plan for the site? ☐ Yes ☐ No

If "No", provide justification for deviating from the Ground Water Monitoring Plan and attach additional documentation if needed:

- 3) Do the results of the ground water sampling demonstrate that contaminant concentrations have decreased to or below the applicable Ground Water Quality Standards for two ground water sampling events accounting for seasonal fluctuation at the site pursuant to N.J.A.C. 7:26C-7.9(f)? ☐ Yes ☐ No ☐ N/A

If "Yes", then submit a Ground Water RAP Termination Application and skip the rest of this section.

- 4) Is there still a decreasing trend of contaminant concentrations in the ground water? ☐ Yes ☐ No

If "No", provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below:

- 5) Is the behavior of the ground water contaminant plume considered to be shrinking or stable? ☐ Yes ☐ No

If "Yes", check off only one of the following: ☐ Shrinking ☐ Stable

If "No", provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below:

- 6) Is the ground water plume reaching the sentinel wells or sentinel monitoring points? ☐ Yes ☐ No

If "Yes", provide the date of Ground Water RAP Modification submission with the required additional ground water delineation data:

- 7) Is MNA still the appropriate ground water remedial action for the site? ☐ Yes ☐ No

If "No", provide an explanation:

b. ☒ **Active Remediation**

Provide the type of remediation: See description provided in Section L attachment.

- 1) Has ground water sampling been conducted at the site since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☒ Yes ☐ No

If "**Yes**", attach a summary of the ground water sampling results by monitoring well in tabular format to this form, including all historical ground water sampling data for the site.

- 2) Has ground water sampling been conducted in accordance with the Ground Water Monitoring Plan for the site? ☒ Yes ☐ No

If "**No**", provide justification for deviating from the Ground Water Monitoring Plan and attach additional documentation if needed:

- 3) Do the results of the ground water sampling demonstrate that contaminant concentrations have decreased to or below the applicable Ground Water Quality Standards for two ground water sampling events accounting for seasonal fluctuation at the site pursuant to N.J.A.C. 7:26C-7.9(f)? ☐ Yes ☒ No ☐ N/A

If "**Yes**", then submit a Ground Water RAP Termination Application and skip the rest of this section.

- 4) Is there still a decreasing trend of contaminant concentrations in the ground water? ☒ Yes ☐ No

If "**No**", provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below:

- 5) Is the **behavior** of the ground water contaminant plume considered to be shrinking or stable? ☒ Yes ☐ No

If "**Yes**", check off only one of the following: ☒ Shrinking ☐ Stable

If "**No**", provide the date of Ground Water RAP Modification submission or the justification supporting the protectiveness of the ground water remedial action in Section L below:

- 6) Is the ground water plume reaching the sentinel wells or sentinel monitoring points? ☐ Yes ☒ No

If "**Yes**", provide the date of Ground Water RAP Modification submission with the required additional ground water delineation data:

- 7) Is the ground water remedial action performing as designed? ☒ Yes ☐ No

If "**No**", provide an explanation:

See description of remedial action provided in Section L attachment.

- 8) Has the active ground water treatment system been shutdown for longer than 48-hours since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No ☐ N/A

If "**Yes**", provide an explanation for the shutdown, including the duration of the shutdown and whether or not the shutdown rendered the Remedial Action not protective of public health, safety and of the environment:

2. Has a Technical Impracticability (TI) Determination been approved? ☐ Yes ☒ No
If "Yes", please provide the date of the TI Approval Letter from the Department:
- Attach** a summary of the TI Determination and a 5-year evaluation, if applicable.
3. Since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form, has any ground water contamination been determined to have migrated onto the site/property from an off-site source that is not included in the Ground Water RAP? ☐ Yes ☒ No
If "Yes", provide the communication center number that was received when called into the Hotline and a discussion of the issue below.
Hotline Communication Center Number:
Discussion:
4. Has the ground water flow direction changed at the site such that the sentinel well(s) is no longer downgradient and protective of all receptors? ☐ Yes ☒ No
If "Yes", provide the date of Ground Water RAP Modification submission with the required additional ground water delineation data:
5. Has the CEA/WRA been revised for any reason that did not require conducting additional remediation? ☐ Yes ☒ No
If "Yes", provide the date of Ground Water RAP Modification submission:
6. Did the Municipal Block and Lot number(s) of the CEA/WRA change since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
If "Yes", attach a current Tax Map of the property and list the former and new Municipal Block and Lot numbers of the CEA/WRA below:
Former Municipal Block and Lot Number(s):
New Municipal Block and Lot Number(s):
7. Did you provide hard copies of this form to the municipal and county clerks for each municipality and county in which the CEA/WRA is located; the local, county and regional health department for each municipality and county in which the CEA/WRA is located; each current owner of the site; each current operator of the site; each current property owner within the footprint of the CEA/WRA; the Pinelands Commission or the Highlands Commission, as applicable? ☒ Yes ☐ No
8. Have any monitoring wells associated with the CEA/WRA been damaged, vandalized, repaired, replaced, decommissioned, or could not be located? ☐ Yes ☒ No
If "Yes", describe what occurred and attach additional documentation as necessary (i.e., maintenance and evaluation logs for all the monitoring wells, a copy of any Well Abandonment Report(s), construction specifications for each new/replacement well, documentation that the Bureau of Water Allocation and Well Permitting was contacted for any monitoring wells that could not be located, etc.):

9. Has a replacement monitoring well(s) been installed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No
- If "Yes", was the replacement well installed within 10 feet of the former well location? ☐ Yes ☐ No

If "No", then either:

Provide the justification supporting the protectiveness of the ground water remedial action in Section L below

or

Provide the date of the Ground Water RAP Modification Application submission:.....

Attach the construction specifications for each new well.

10. Since the Ground Water RAP was issued, did the comparison conducted pursuant to N.J.A.C. 7:26C-7.9(b)2 require the submission of a Ground Water RAP Modification Application? ☐ Yes ☒ No

If "Yes", provide the date of Ground Water RAP Modification Application Submission:.....

11. Did the comparison conducted above reveal a change in the Ground Water Quality Standards? ☐ Yes ☒ No

If "Yes", did the Ground Water Quality Standards change by an order of magnitude? ☐ Yes ☐ No

If "Yes", does the change require a modification of the Ground Water RAP? ☐ Yes ☐ No

If "Yes", provide the date of Ground Water RAP Modification Application Submission:.....

Attach a contaminant concentration table that compares the GWQS changes and order of magnitude analysis.

Contaminants of Emerging Concern (CECs): The permittee(s) is required to evaluate whether there is the potential that the compounds listed below may have been manufactured, used, handled, stored, disposed or discharged at the AOC(s) associated with the Ground Water RAP. Evaluation does not mean analysis. Evaluation means using your professional judgement to determine if the compounds are potential contaminants of concern at the AOC(s) associated with the Ground Water RAP. The evaluation of these compounds should be the same as any other compound. Additional information on CECs can be found at <https://www.nj.gov/dep/srp/emerging-contaminants/>.

12. Is 1,4-dioxane a potential contaminant of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

13. Is perchlorate a potential contaminant of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

14. Are per- and polyfluoroalkyl substances (PFAS), including but not limited to perfluorononanoic acid (PFNA), perfluorooctanoic acid (PFOA), and perfluorooctane sulfonic acid (PFOS) potential contaminants of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

15. Is 1,2,3-trichloropropane (1,2,3-TCP) a potential contaminant of concern at the AOC(s) associated with the Ground Water RAP and does it require further remedial investigation? ☐ Yes ☒ No

Attach the results of the required emerging CECs evaluation:

If "Yes" to any of the questions 12 to 15 above, then provide a discussion of how this issue is being addressed:

SECTION H. SITE USE, CHANGES, AND DISTURBANCES

1. Indicate current site use:

- | | | | |
|--|--|---|---------------------------------------|
| <input checked="" type="checkbox"/> Industrial | <input type="checkbox"/> Child Care Facility | <input type="checkbox"/> Park or Recreational Use | <input type="checkbox"/> Solar Panels |
| <input type="checkbox"/> Residential | <input type="checkbox"/> Hospital | <input checked="" type="checkbox"/> Vacant | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Landfill | <input type="checkbox"/> Government Facility | |
| <input type="checkbox"/> School | <input type="checkbox"/> Agricultural | <input type="checkbox"/> Road/Right of Way | |

2. Has the site use(s) changed since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No

3. Have site use changes occurred or disturbances of the land, such as installation of a detention basin, taken place that has rendered the ground water remedial action not protective of public health, safety and of the environment? ☐ Yes ☒ No

If "Yes", provide the date of the Ground Water RAP Modification Application submission: _____

SECTION I. CURRENT OR PLANNED WATER USE WITHIN THE WELL SEARCH AREA

1. Water use within the CEA/WRA when CEA/WRA was established (check all that apply)

- ☐ Potable
- ☐ Well Head Protection Area
 - ☐ Tier 1 ☐ Tier 2 ☐ Tier 3
- ☐ Irrigation
- ☐ Industrial
- ☐ Geothermal
- ☒ Not Applicable

2. Current water use within the CEA/WRA Boundaries (check all that apply)

- ☐ Potable
- ☐ Well Head Protection Area
 - ☐ Tier 1 ☐ Tier 2 ☐ Tier 3
- ☐ Irrigation
- ☐ Industrial
- ☐ Geothermal
- ☒ Not Applicable

3. Are there any planned changes in water use for the aquifers in which the CEA/WRA is located since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☐ Yes ☒ No

Check all the sources that were evaluated to determine planned changes in water use:

- ☒ Municipal Master Plans
- ☒ Zoning Plans
- ☐ Local water purveyor plans and planning data pertaining to the existence of water lines and proposed future installation of water lines, wells or well fields
- ☐ Local and County ordinances restricting installation of potable wells
- ☒ Local and County boards of health
- ☒ Local planning officials

4. Have any changes in water use altered the areal extent or the duration of the CEA/WRA? ☐ Yes ☒ No

5. Has the required well search identified any wells installed within one mile up-gradient, side-gradient, and down-gradient of the CEA/WRA since the last submittal of the Ground Water Remedial Action Protectiveness/Biennial Certification Form? ☒ Yes ☐ No

Attach the results of the required updated well search to this form, including a scaled map and a table indicating which wells were previously evaluated.

If "Yes", check all that apply:

- | | | | |
|---|-------------------------------------|--|--|
| <input checked="" type="checkbox"/> Potable | <input type="checkbox"/> Industrial | <input type="checkbox"/> Community Supply Well | <input checked="" type="checkbox"/> Irrigation |
| <input type="checkbox"/> Geothermal | <input type="checkbox"/> Production | <input type="checkbox"/> Non-Community Supply Well | |

If you checked one of the above, was it necessary to sample the well pursuant to N.J.A.C. 7:26 E-1.14? ☐ Yes ☒ No

6. Did or will the actual or planned changes reported in items 1-5 above render the remedial action that includes the CEA/WRA not protective of public health, safety and of the environment? ☐ Yes ☒ No
- If "Yes", provide the date of the Ground Water RAP Modification Application submission: _____
7. Are any Point of Entry Treatment (POET) water systems currently installed at any buildings as a result of this ground water contamination? (If a POET water system was installed, but not required for the remediation, check "No") ☐ Yes ☒ No
- If "Yes", attach the ground water sampling results and provide a discussion of this issue below:

Note: A Ground Water RAP Modification Application should be submitted if the POET water system was installed as a result of ground water contamination and it is not included in the Ground Water RAP for the site.

SECTION J. VAPOR INTRUSION

1. Are compounds of potential vapor intrusion concern included in the CEA/WRA? ☒ Yes ☐ No
- If "Yes", then complete this section; otherwise proceed to the next section
2. Based on the most recent data available or ground water data collected for the Ground Water Remedial Action Protectiveness/Biennial Certification Form, are any contaminants of concern currently above the Vapor Intrusion Ground Water Screening Levels that require a vapor intrusion investigation pursuant to N.J.A.C. 7:26E-1.15? ☒ Yes ☐ No
- If "Yes", attach a table with the vapor intrusion sampling results, a scaled site map indicating the location of all structures investigated for vapor intrusion, and provide a discussion of those results below or provide a written explanation with the reasons for not evaluating the vapor intrusion pathway.
- The Pompton Lakes Works Vapor Intrusion Program is under direct oversight and documents are submitted on a regular basis as required by that program. A summary of the VI program can be found in the attached document "ADDITIONAL INFORMATION FOR BIENNIAL CEA #4 – POMPTON LAKES WORKS SITE, POMPTON LAKES, NEW JERSEY"
3. Were there any changes in property use for the site or surrounding properties that required a vapor intrusion investigation pursuant to N.J.A.C. 7:26C-7.9(b)7? ☐ Yes ☒ No
- If "Yes", attach a table with the vapor intrusion sampling results, a scaled site map indicating the location of all structures investigated for vapor intrusion, and provide a discussion of those results below or provide a written explanation with the reasons for not evaluating the vapor intrusion pathway:

4. Have any vapor intrusion engineering controls/mitigation systems been installed as a result of this ground water contamination? (If a system was installed, but not required for the remediation (i.e., there is not a complete VI pathway requiring the system), check "No") ☒ Yes ☐ No

If "Yes", indicate the type of engineering control that was implemented: (check all that apply)

- ☒ Sub-Slab Depressurization System
☒ Subsurface Ventilation System
☐ Soil Vapor Extraction System
☐ HVAC Positive Pressure
☐ Other (specify): _____

Attach any vapor intrusion sampling results as required from the OMM Plan for the vapor intrusion engineering control(s)/mitigation system(s) for the permit, including the NJDEP Vapor Intrusion Mitigation Monitoring and Maintenance Checklist. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the vapor intrusion engineering control(s)/mitigation system(s) in place, including the address and block and lot of each impacted property. **See Section L for additional details.**

Note: A Ground Water RAP Modification Application should be submitted if the vapor intrusion engineering controls/mitigation systems is not included in the Ground Water RAP for the site.

5. Is there sub-slab soil gas (SSSG) contamination above the NJDEP's Soil Gas Screening Levels (SGSLs) beneath any buildings that require a VI Long-Term Monitoring (LTM) Plan or a VI Change in Use Evaluation Plan, or both? ☒ Yes ☐ No

If "Yes", check all that apply and answer the question below: **See Section L for additional details.**

- ☒ SSSG > SGSL and $\leq 10X$ NJDEP SGSL (VI LTM Plan pursuant to Table 6-2 of the VIT Guidance)
☐ SSSG > $10X$ NJDEP SGSL (VI LTM Plan pursuant to Table 6-2 of the VIT Guidance)
☐ SSSG > NJDEP Residential SGSL for Non-Residential Structure (VI Change in Use Evaluation Plan)

Have annual inspections been completed to determine if building conditions have changed and/or there has been a change in the use? ☒ Yes ☐ No

Attach a summary of the building inspections and/or any vapor intrusion sampling results as required from the VI LTM Plan or the VI Change in Use Evaluation Plan for the permit. Provide a scaled site map that clearly identifies the building(s) and/or structure(s) with the VI LTM Plan or the VI Change in Use Evaluation Plan, including the address and block and lot of each impacted property.

Note: A Ground Water RAP Modification Application should be submitted if the VI LTM Plan or the VI Change in Use Evaluation Plan is not included in the Ground Water RAP for the site.

6. Are there any buildings with an Indeterminate Vapor Intrusion Pathway status? ☐ Yes ☒ No

If "Yes", have annual inspections been completed to determine if there has been a change in the use? ☐ Yes ☐ No

Attach a summary of the inspections and a scale site map clearly identifying the buildings with Indeterminate Vapor Intrusion Pathway status, including the address and block/lot of each building.

Note: A Ground Water RAP Modification Application should be submitted if the Indeterminate Vapor Intrusion Pathway status is not included in the Ground Water RAP for the site.

SECTION K. FINANCIAL ASSURANCE

1. Does the remedial action include a ground water or vapor intrusion engineering control? ☒ Yes ☐ No

If "No", proceed to the next section.

Financial assurance provided under USEPA RCRA Program, see Section L for details.

2. Is Financial Assurance required for the site? ☐ Yes ☐ No

If "Yes", attach a completed Remediation Cost Review and RFS/FA Form with a detailed cost estimate.

3. If the Financial Assurance Instrument is a Line of Credit, Remediation Trust Fund, Surety Bond, or Environmental Insurance Policy, have annual statements confirming the value of the Financial Assurance Instrument been submitted pursuant to the permit schedule? ☐ Yes ☐ No
If “**No**”, attach the annual statements confirming the value of the Financial Assurance Instrument.
4. If the current owner of the site is either a homeowner association or a condominium association, have copies of the annual budget that includes funds for the operation, maintenance, and monitoring of the engineering control(s) at the site been submitted pursuant to the permit schedule? ☐ Yes ☐ No
If “**No**”, attach copies of the association’s annual budget that includes funds for the operation, maintenance, and monitoring of the engineering control(s) at the site.

SECTION L. OTHER INFORMATION PROVIDED

List any other pertinent information to support the Ground Water Remedial Action Protectiveness/Biennial Certification Form. This section should include a discussion of any new information or ground water data as it relates to the protectiveness of the ground water remedial action for the site.

This site is under direct oversight by NJDEP and USEPA. The results of ongoing Investigation and remediation work are submitted to both Agencies on a routine basis for review/approval. This includes quarterly groundwater extraction and treatment operating summary reports under the Site’s NJPDES permit, annual groundwater reports under the Agency-approved comprehensive groundwater monitoring plan for the site, and vapor intrusion reports (sampling, design and installation, and system operation and maintenance) under the Site’s VI program.

Additional detail does not fit into this Section. See attached document "ADDITIONAL INFORMATION FOR BIENNIAL CEA #4 – POMPTON LAKES WORKS SITE, POMPTON LAKES, NEW JERSEY"

Section G. Remedial Action and CEA/WRA Information

Type of Ground Water Remediation

Classification Exception Area (CEA) #4 is for groundwater that migrated offsite prior to the installation of the groundwater extraction and treatment (GWET) system in 1998. Offsite groundwater quality is monitored as part of a comprehensive monitoring program with sampling on a semi-annual basis and reporting on an annual basis. Semi-annual monitoring began under the *Groundwater Remedial Action Plan* dated July 21, 1993. Groundwater analytical results are submitted on an annual basis in the annual groundwater monitoring reports. The most recent monitoring report is the *2023 Annual Groundwater Monitoring Report* dated February 2024.

The GWET system pulls water from CEA #4 along a portion of the northern boundary near the recovery wells. Additionally, concentrations in the shallow and intermediate alluvial zones show the influence of infiltration of treated groundwater in the area downgradient of the infiltration beds (i.e., reduced concentrations due to hydraulic surcharging). Trend charts showing constituent concentrations over time (1996 through 2023) for each monitoring well are included in Appendix B.

Notification

To satisfy Section G, Item 7 of the Biennial Certification Form, a copy of this form will be sent to the appropriate municipal and county clerks and health departments within one week of receiving approval from the New Jersey Department of Environmental Protection (NJDEP). Additionally, a copy will be retained at the public repository located at the Pompton Lakes Library. This is being conducted in accordance with historical notification procedures for the Site as approved by the regulatory agencies.

Well Maintenance

In response to Section G, Item 8 of the Biennial Certification Form, no integrity issues for monitoring wells within the CEA have been identified since the submittal of the last biennial CEA to the present time. Water level measurements are collected on either a quarterly or semi-annual basis as part of the groundwater compliance program for the Site. During those times, the wells are checked for any integrity issues.

Section H. Site Use, Changes, and Disturbances

Future Use

Consistent with the NJDEP and U.S. Environmental Protection Agency (USEPA) guidance and policies for the remediation of impacted sites, the expected plan is to return the property to beneficial reuse within the community.

Section I. Current or Planned Water Use Within the Well Search Area

Water use within the CEA when CEA was established

CEA #4 is located offsite. Prior to the establishment of the CEA, a well search was performed in spring 1997 utilizing the Bureau of Water Allocation's well database. In addition to the electronic well search, in the early 1990s a direct mailing was sent to all property owners in the offsite CEA requesting well information. For locations where no response was received, an additional mailing and property visit were used to obtain well information and to notify the property owners in the offsite CEA of the presence of the groundwater plume. These investigation activities identified 127 well locations within the offsite CEA. Based on a review of the information collected for these wells, it appeared that they were either not being used or were being utilized for irrigation purposes. The residences receive potable water from the Municipal Utility Authority (MUA).

A total of 97 well locations have been closed and 30 well locations remain open based on the 1997 survey.

Although local ordinance prohibits the installation of new wells within the Borough of Pompton Lakes, a Well Restriction Area (WRA) was submitted to the Planning Board, MUA, and town officials subsequent to NJDEP's approval of the CEA in 2004.

Current water use within the CEA boundaries

A well search of the area surrounding the CEA was completed as part of the biennial certification to evaluate if additional wells have been identified within this area. The search indicated that residences receive potable water from the MUA and no potable wells have been identified to currently exist within the groundwater plume area.

In response to Section I, Item 5 of the Biennial Certification Form, the results of the well search are included in Appendix C.

In response to Section I, Item 3 of the Biennial Certification Form, the Pompton Lakes Master Plan and zoning plans were reviewed to evaluate planned changes in water use. No planned changes in water use were identified since the last Biennial Certification Form was submitted. Additionally, letters were submitted to the following agencies requesting documentation regarding any changes in the last two years, as well as any future plans, for projected water use in the CEA area:

- Passaic County Department of Health;
- Borough of Pompton Lakes Board of Health;
- Borough of Pompton Lakes Building Department – Planning / Zoning Board; and
- Borough of Pompton Lakes Municipal Utilities Authority.

Notification letters and responses received to date are included as Appendix D. NJDEP will be notified if and when any additional information is received.

Section J. Vapor Intrusion

A vapor intrusion (VI) investigation and mitigation program was developed and implemented in September 2008 and is still ongoing. As of April 1, 2024, a total of 333 installed systems are currently undergoing routine operation and maintenance (O&M) activities that include regularly scheduled inspections of installed and commissioned mitigation systems.

Five properties have undergone termination sampling which was approved by NJDEP/USEPA. Subsequently, those systems were turned over to the property owners for their use and one system is in the process of removal at the request of the property owner. One property has completed the termination sampling process and is awaiting NJDEP/USEPA approval. Three properties are in the process of undergoing sampling as part of the termination program. These nine properties are not included in the 333 system total.

Five properties are in the long-term monitoring program which consists of annual indoor air sampling. Preliminary data results are transmitted to the property owners each year and the laboratory analytical reports are submitted to NJDEP for data validation and evaluation. To date, concentrations of the Site's ten constituents of concern have either been non-detect or below NJDEP's applicable indoor air remediation standards.

A summary of the O&M activities is reported on an annual basis. The most recent report is the *2022-2023 Operation and Maintenance Report - Vapor Mitigation Program* dated June 2023. Monitoring reports associated with systems installed by 3rd party contractors are submitted separately to NJDEP and USEPA by those contractors.

Section K. Financial Assurance

In response to Section K, Item 2 of the Biennial Certification Form, financial assurance for the Pompton Lakes Works projects has been established with both NJDEP and USEPA. As agreed to by both agencies, groundwater compliance and vapor intrusion activities are financially assured under the USEPA RCRA program.

SECTION M. PERSON WITH PRIMARY CONTACT FOR PERMIT COMPLIANCE / PERSON RESPONSIBLE FOR MONITORING THE PROTECTIVENESS OF THE REMEDIAL ACTION INFORMATION AND CERTIFICATION

Affiliation/Name of Organization: The Chemours Company FC, LLC

Representative First Name: Tom Representative Last Name: Ei

Title: Remediation Senior Director

Phone Number: (973) 492-7703

Ext.: _____

Fax: _____

Mailing Address: 2000 Cannonball Road

Municipality: Pompton Lakes

State: New Jersey

Zip Code: New Jersey

Email Address: tom.ei@chemours.com

This certification shall be signed by the person with primary contact for permit compliance/person responsible for monitoring the protectiveness of the remedial action in accordance with the Administrative Requirements for the Remediation of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a).

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, including all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

I also understand that engineering and institutional controls must be evaluated and maintained to ensure they remain protective of public health and safety and the environment.

Based upon the information provided herein, I hereby certify that the remedial action(s) implemented at the site that includes engineering and/or institutional controls remains protective of public health and safety and the environment.

Signature: _____



Date: April 25, 2024

Name/Title: Remediation Senior Director

Completed forms should be emailed to srp_submissions@dep.nj.gov.*

- * All Ground Water Remedial Action Protectiveness/Biennial Certification forms associated with a Post-NFA Case must continue to be submitted on a CD by mail with the accompanying fee to the following address:

Bureau of Case Assignment & Initial Notice
Contaminated Site Remediation & Redevelopment
NJ Department of Environmental Protection
401-05H
PO Box 420
Trenton, NJ 08625-0420

APPENDIX A

SCALED MAP WITH CEA/WRA EXTENT



LEGEND



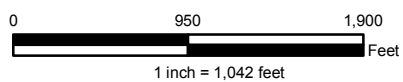
CEA #4



Property Boundary

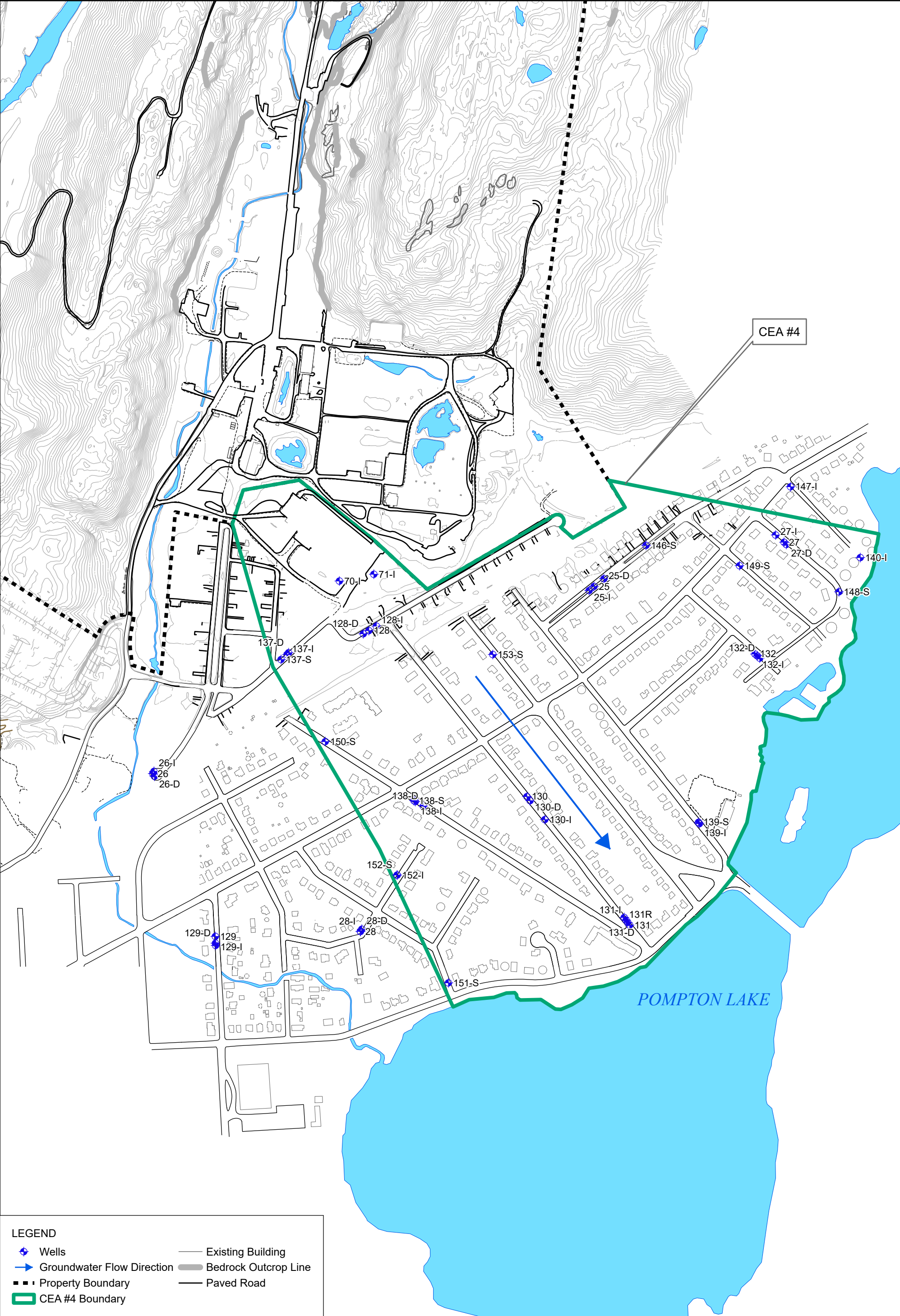
CEA #4

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SITE LOCATION MAP
POMPTON LAKES WORKS

FIGURE 1



LEGEND

Wells

Groundwater Flow Direction

Property Boundary

CEA #4 Boundary

Existing Building

Bedrock Outcrop Line

Paved Road

APPENDIX B

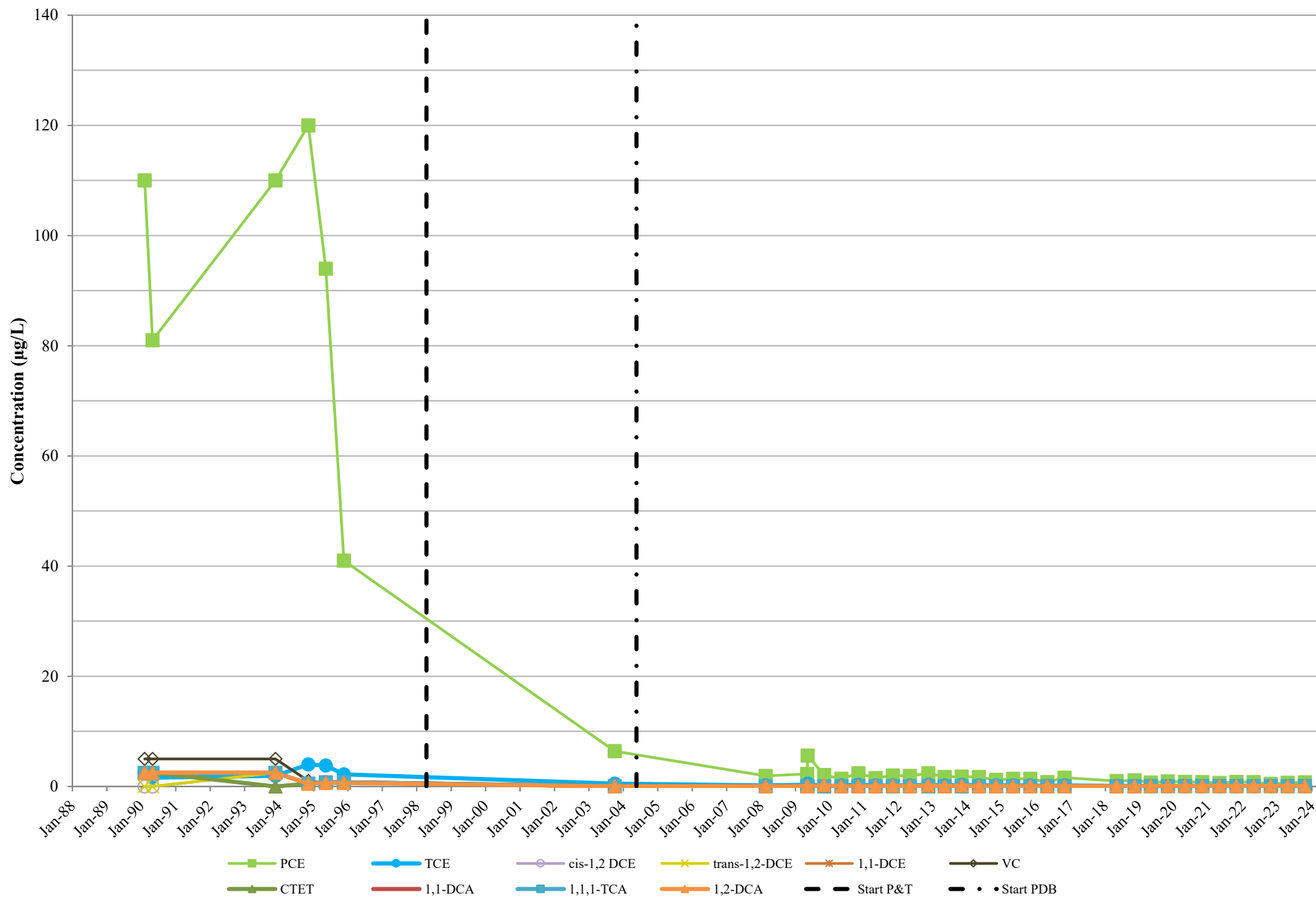
GROUNDWATER QUALITY TREND CHARTS

Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 25 (Offsite - East Central Near Site)

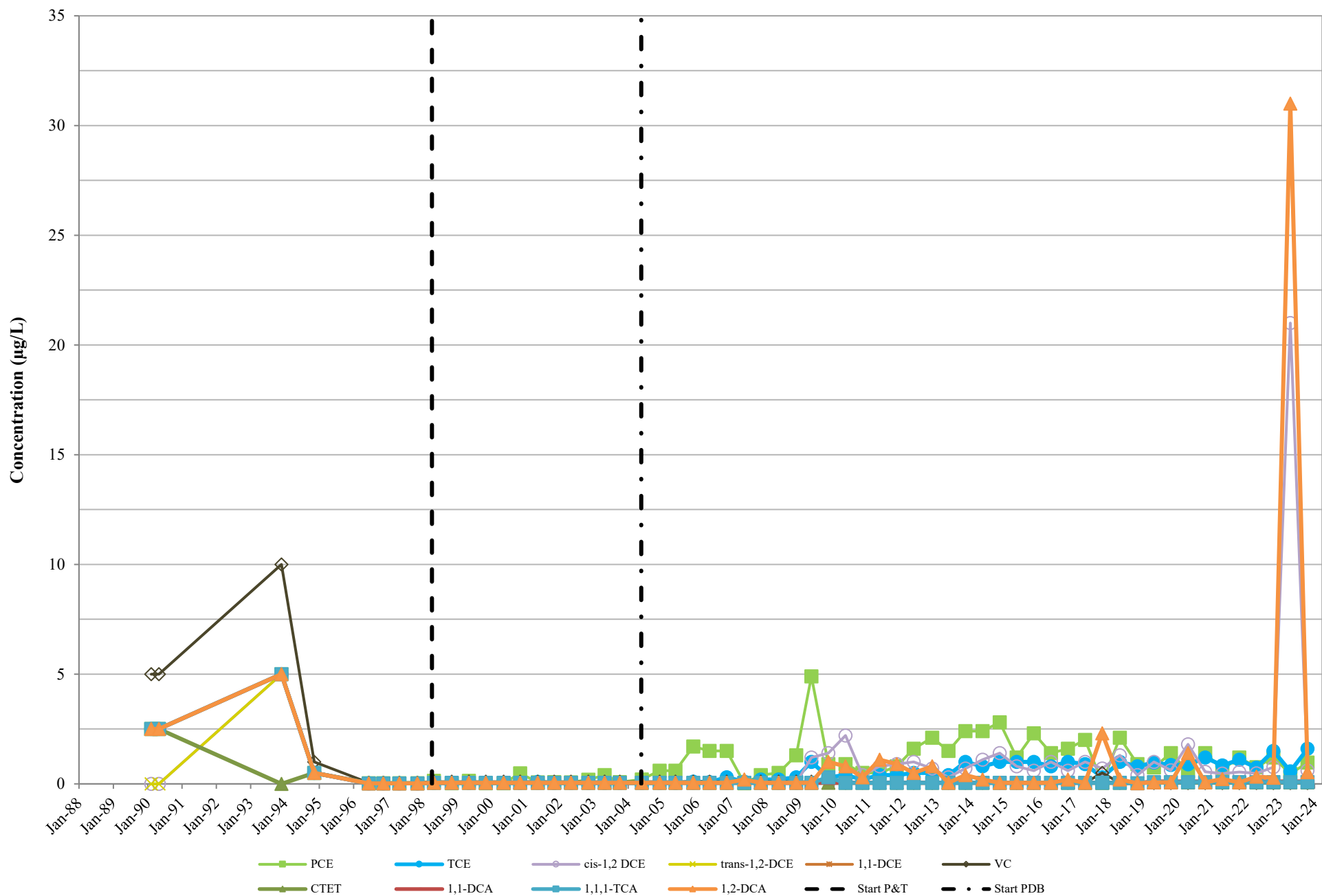


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDLL.

Concentration vs Time

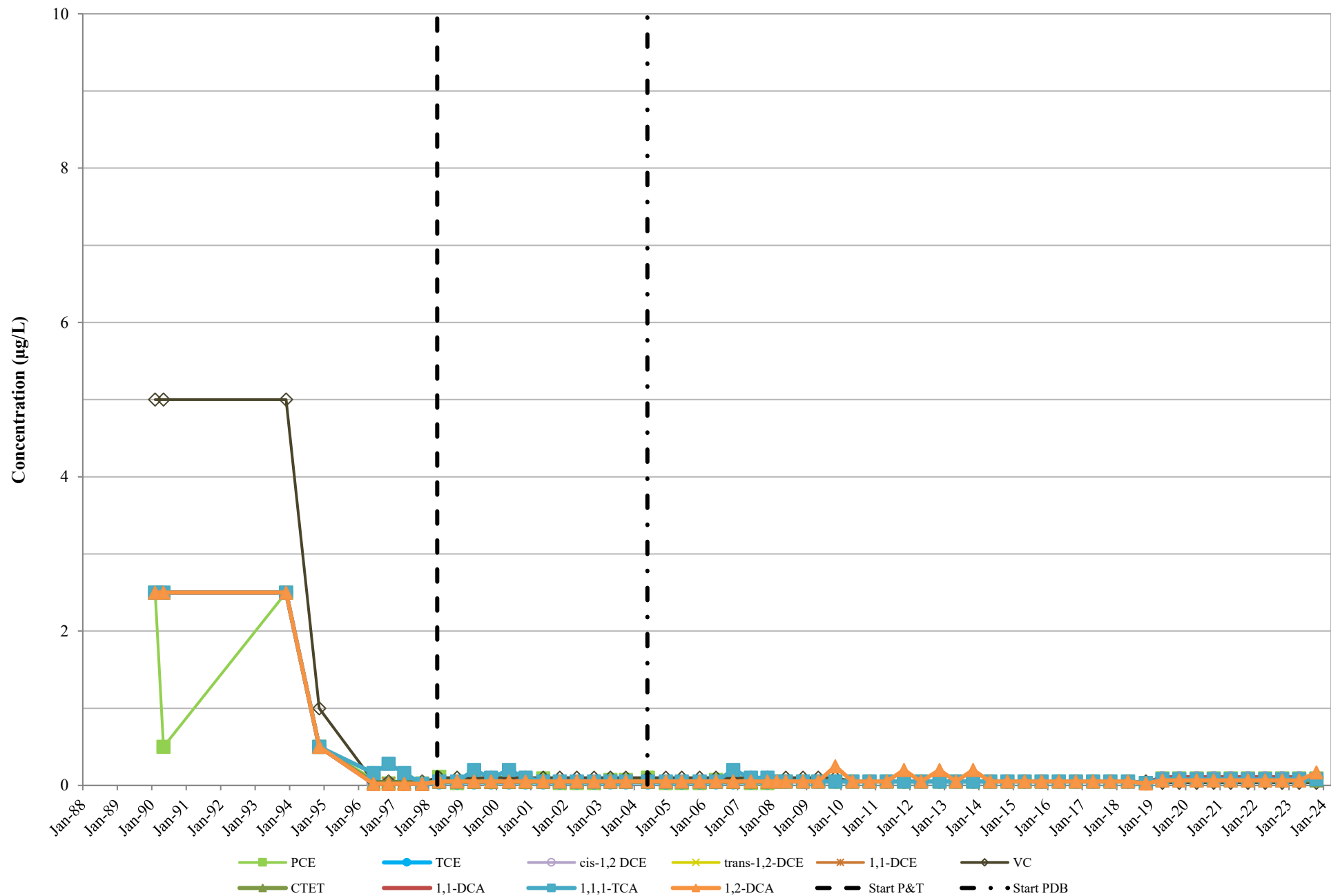
Deep Well 25-D (Offsite - East Central Near Site)



Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time Shallow Well 27 (Offsite - Eastern Edge)

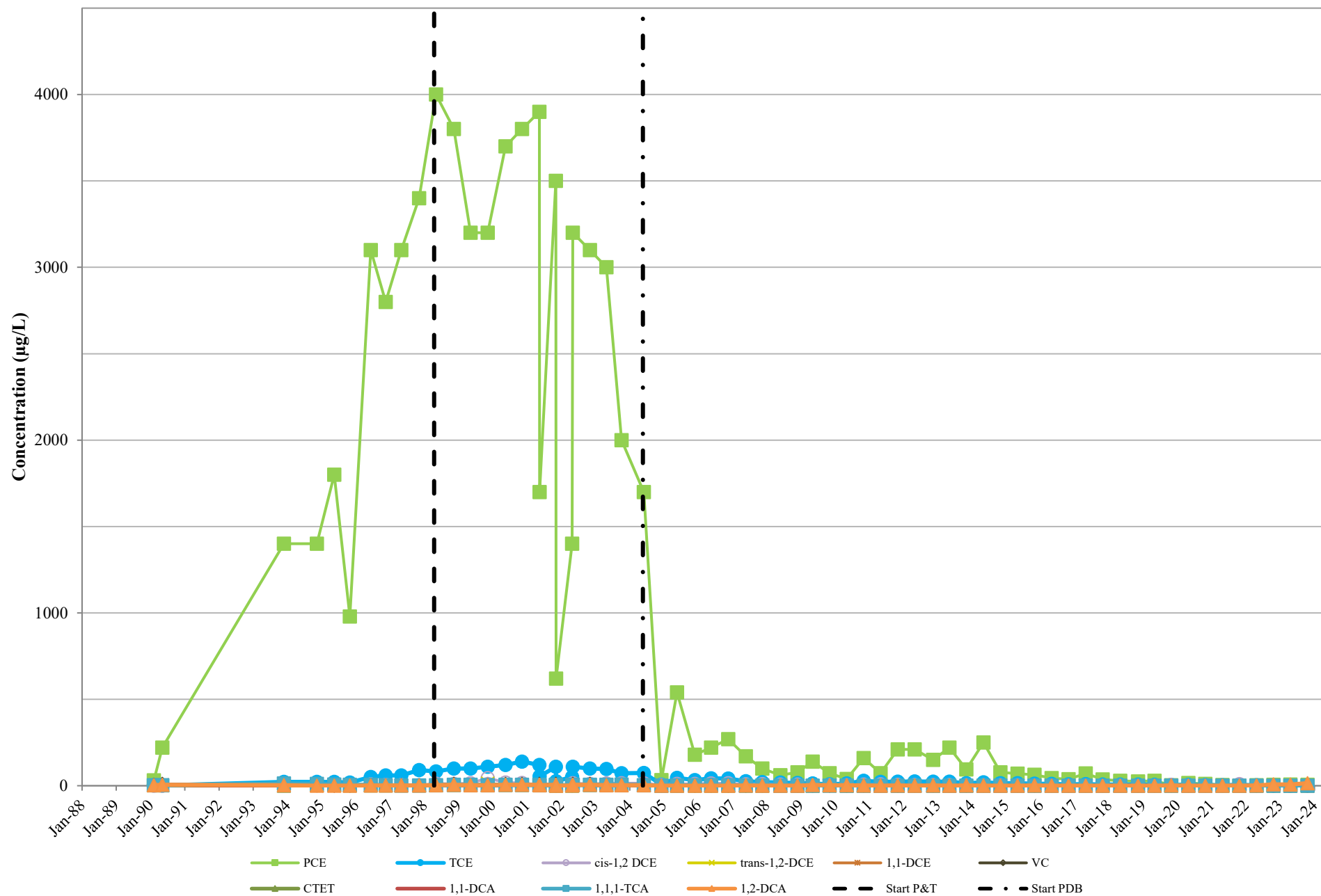


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Intermediate Well 27-I (Offsite - Eastern Edge)

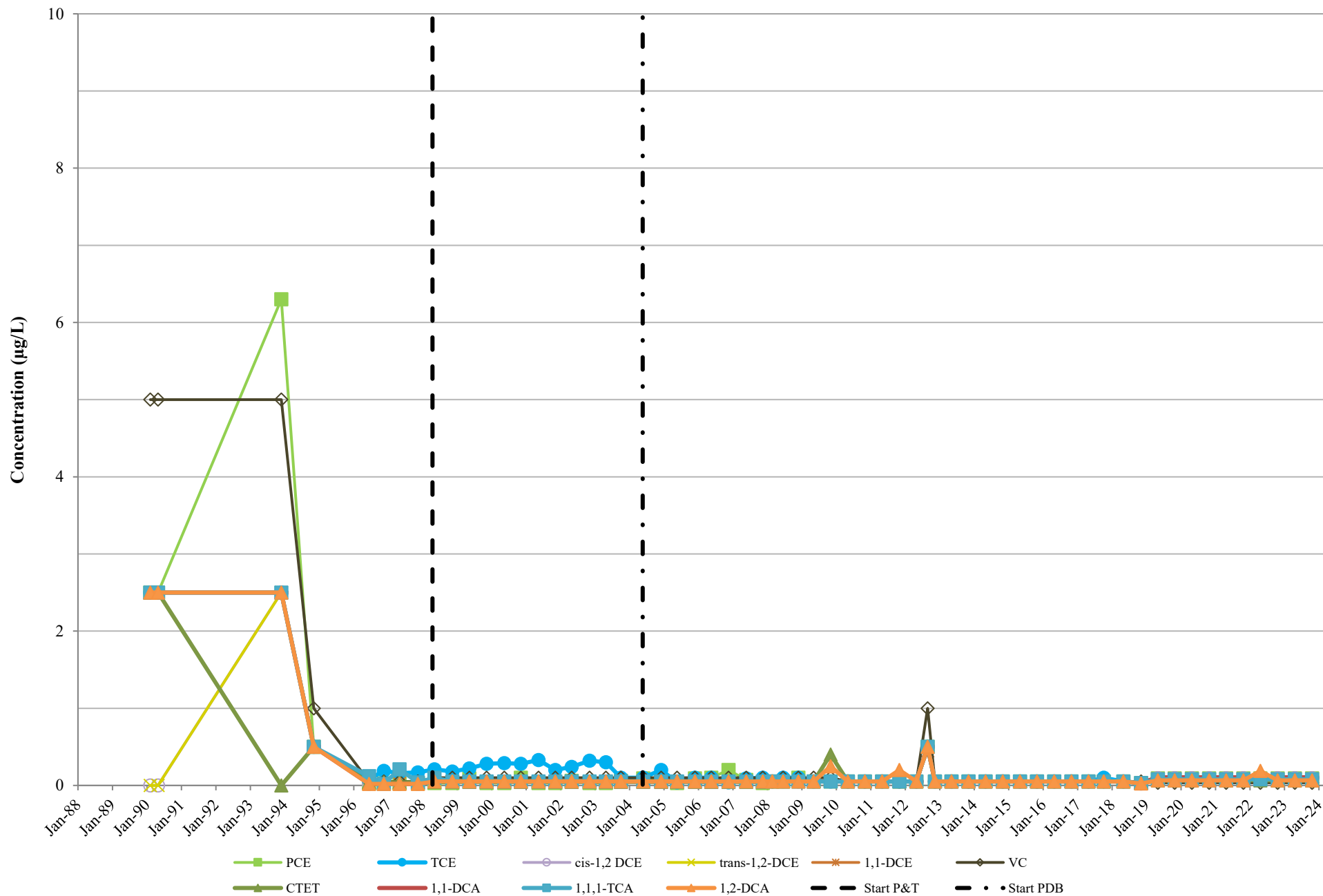


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 28 (Offsite - Western Edge Near Lake)

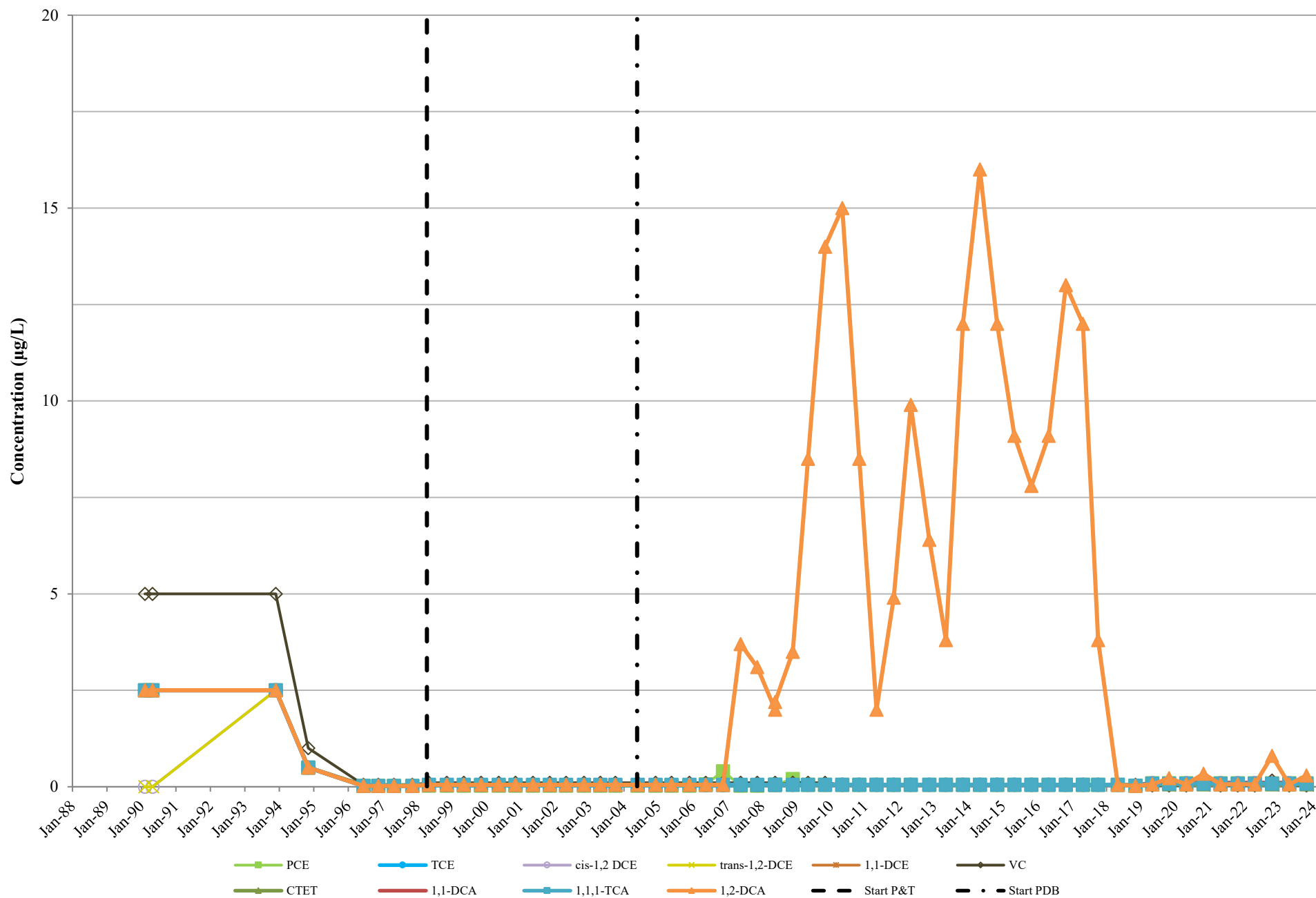


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL

Concentration vs Time

Intermediate Well 28-I (Offsite - Western Edge Near Lake)

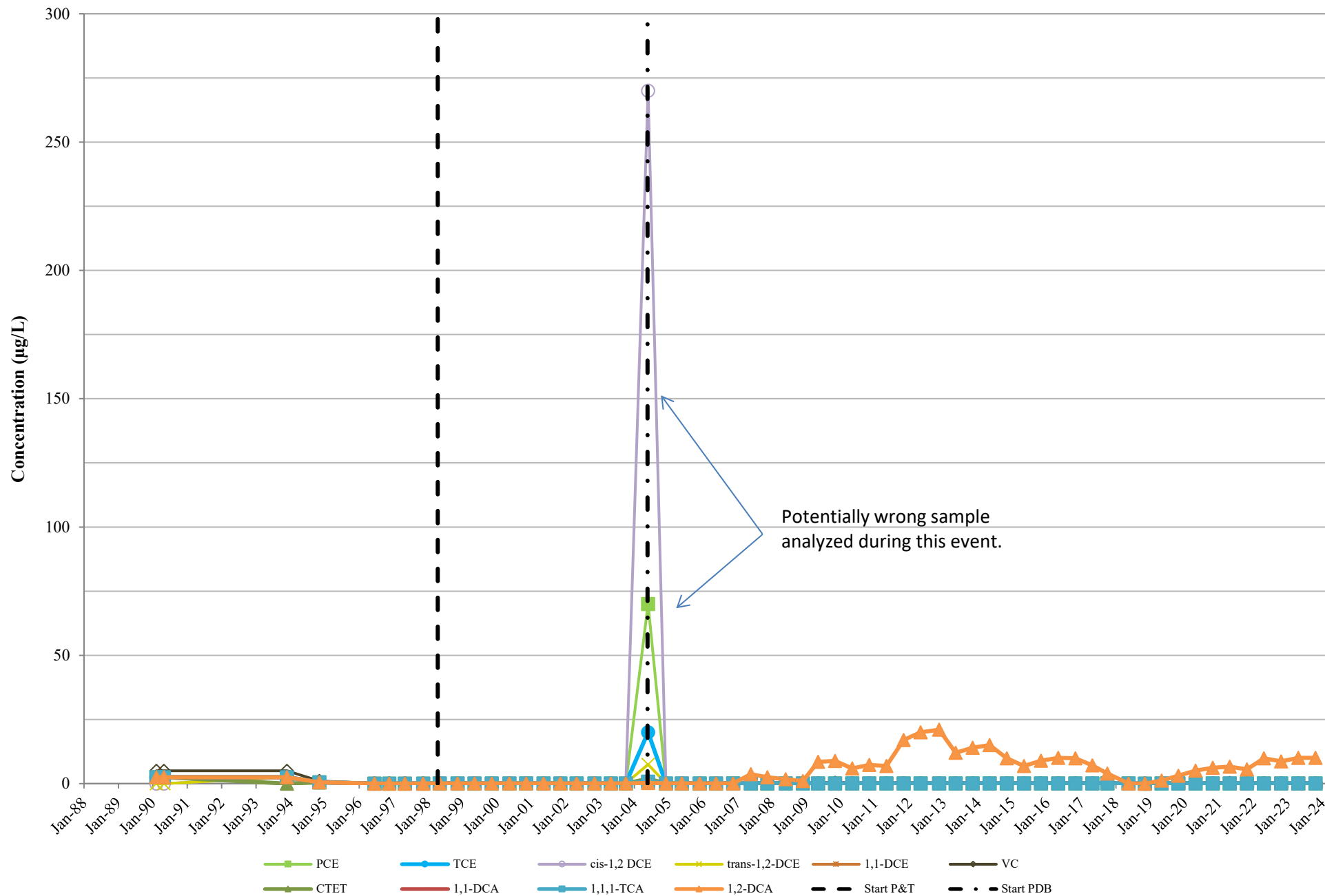


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Deep Well 28-D (Offsite - Western Edge Near Lake)

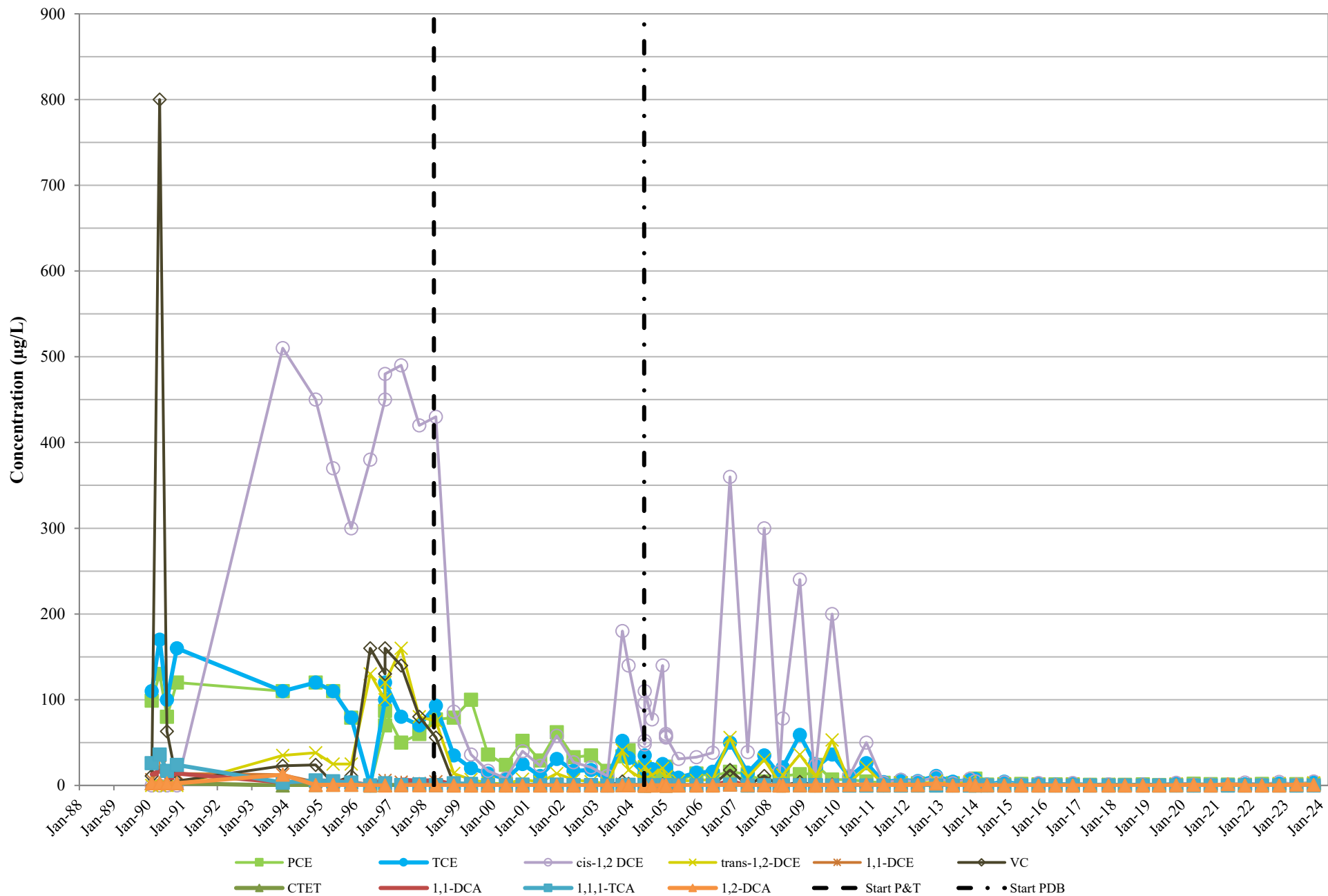


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 128 (Offsite - West Central Near Site)

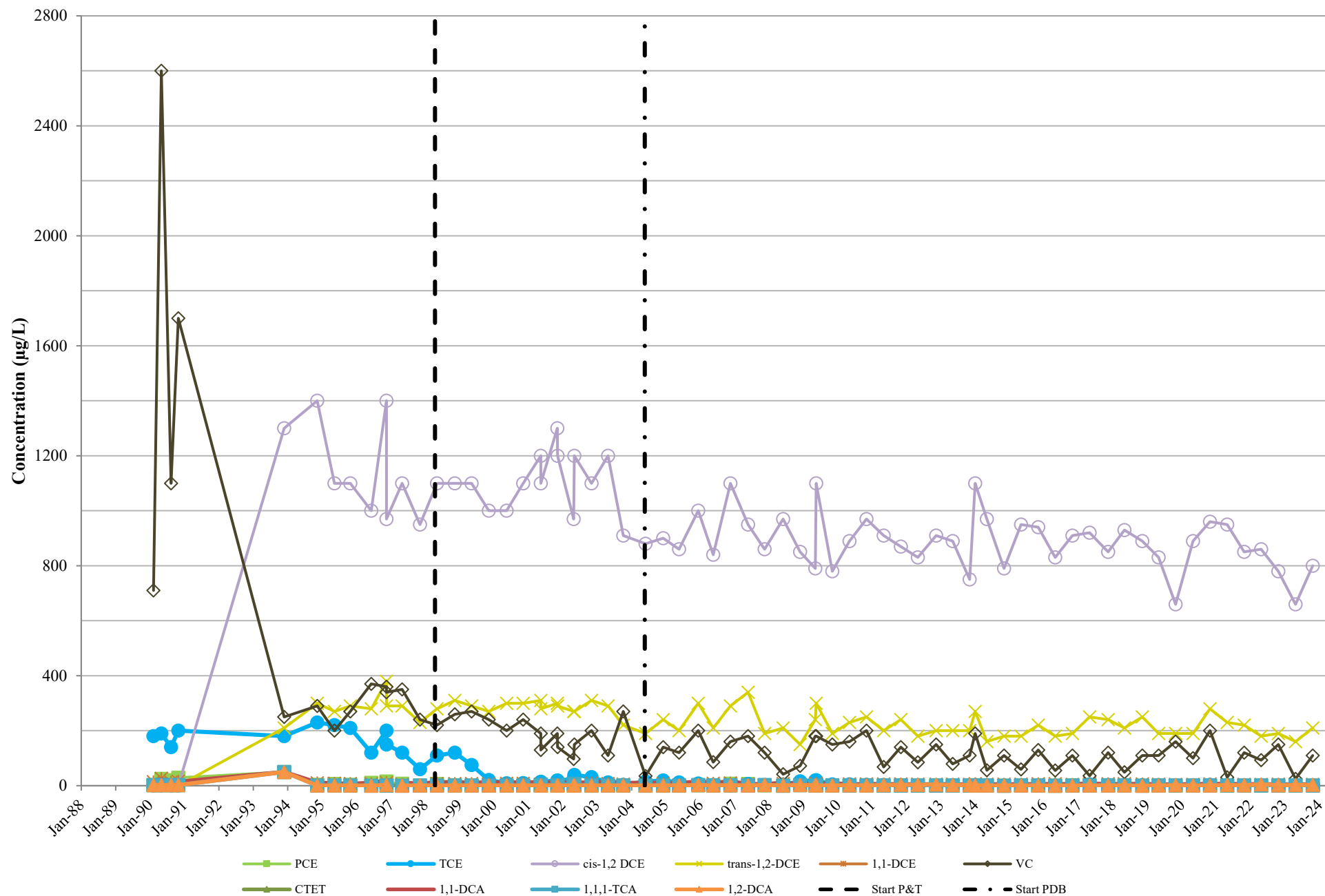


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Intermediate Well 128-I (Offsite - West Central Near Site)

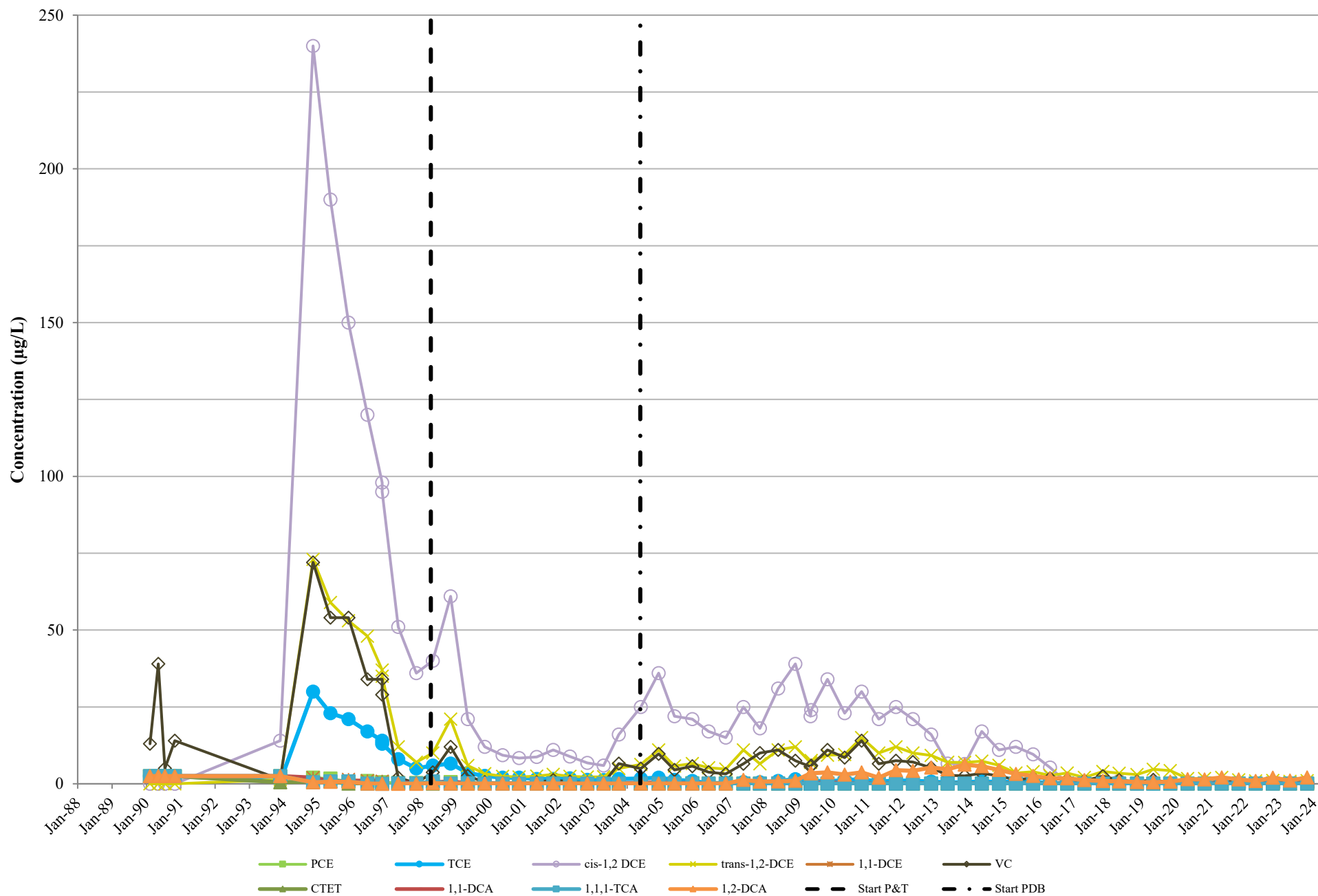


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Deep Well 128-D (Offsite - West Central Near Site)

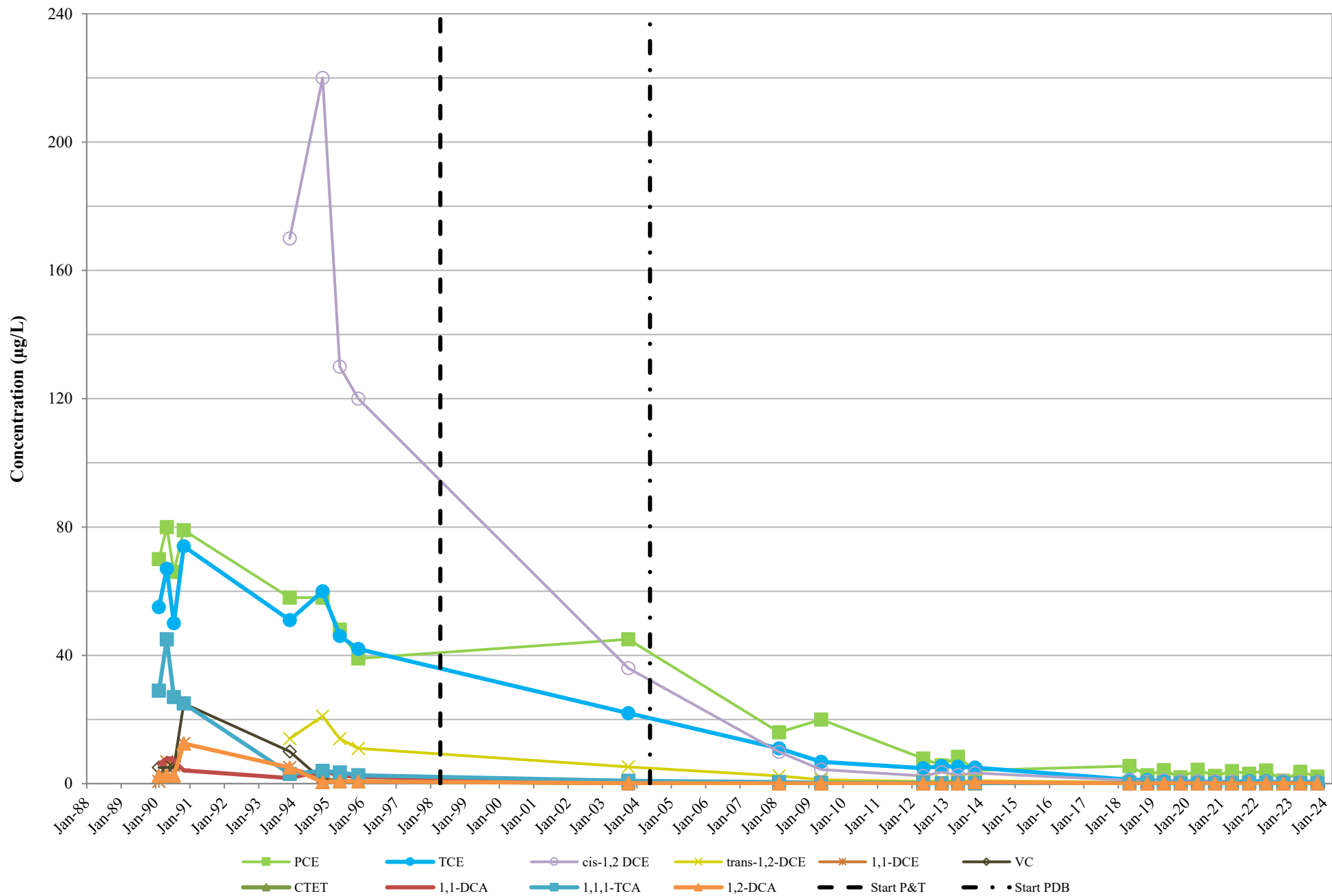


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 130 (Offsite - West Central Near Lake)

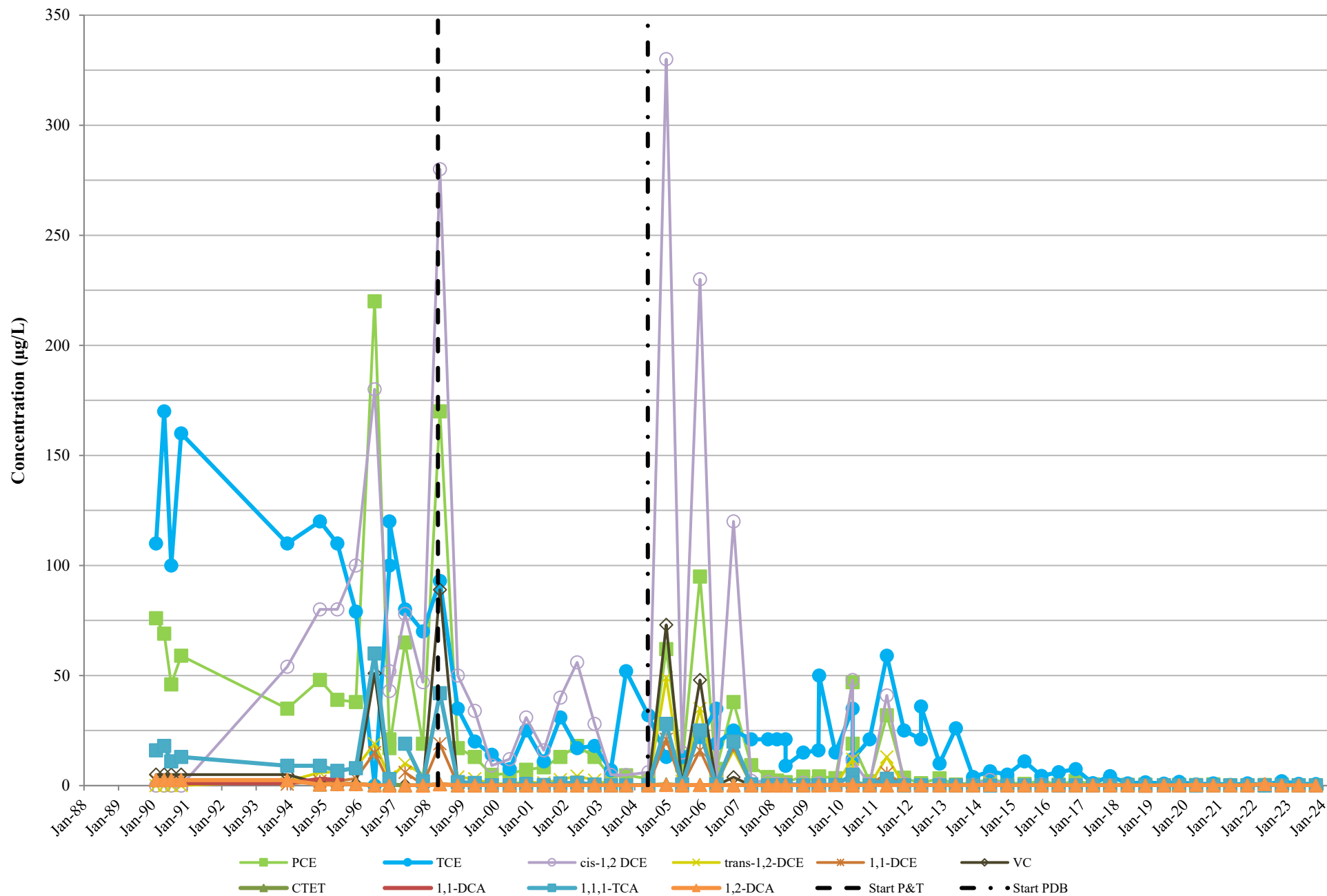


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 131 (Offsite - West Central Near Lake)

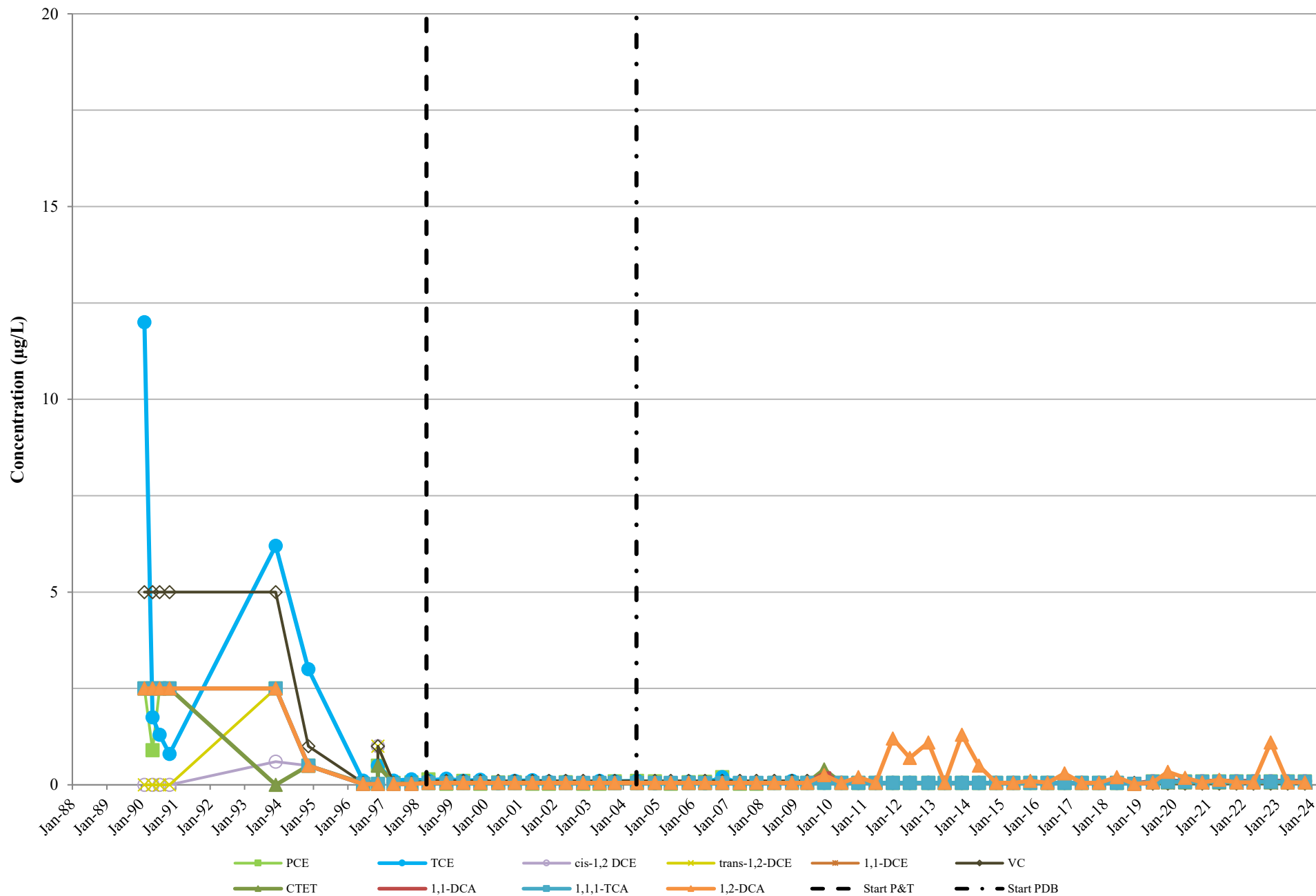


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL

Concentration vs Time

Intermediate Well 131-I (Offsite - West Central Near Lake)

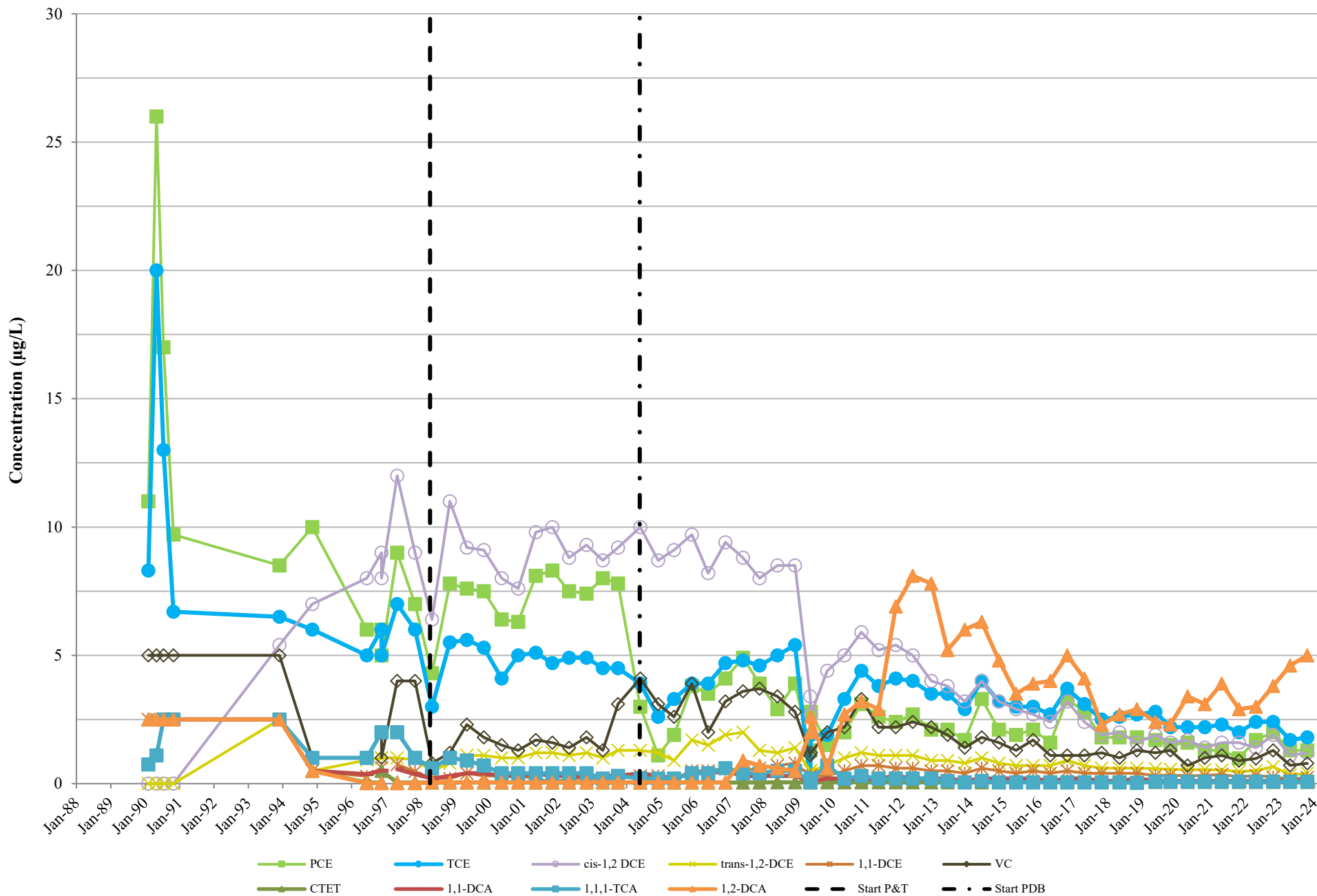


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Deep Well 131-D (Offsite - West Central Near Lake)

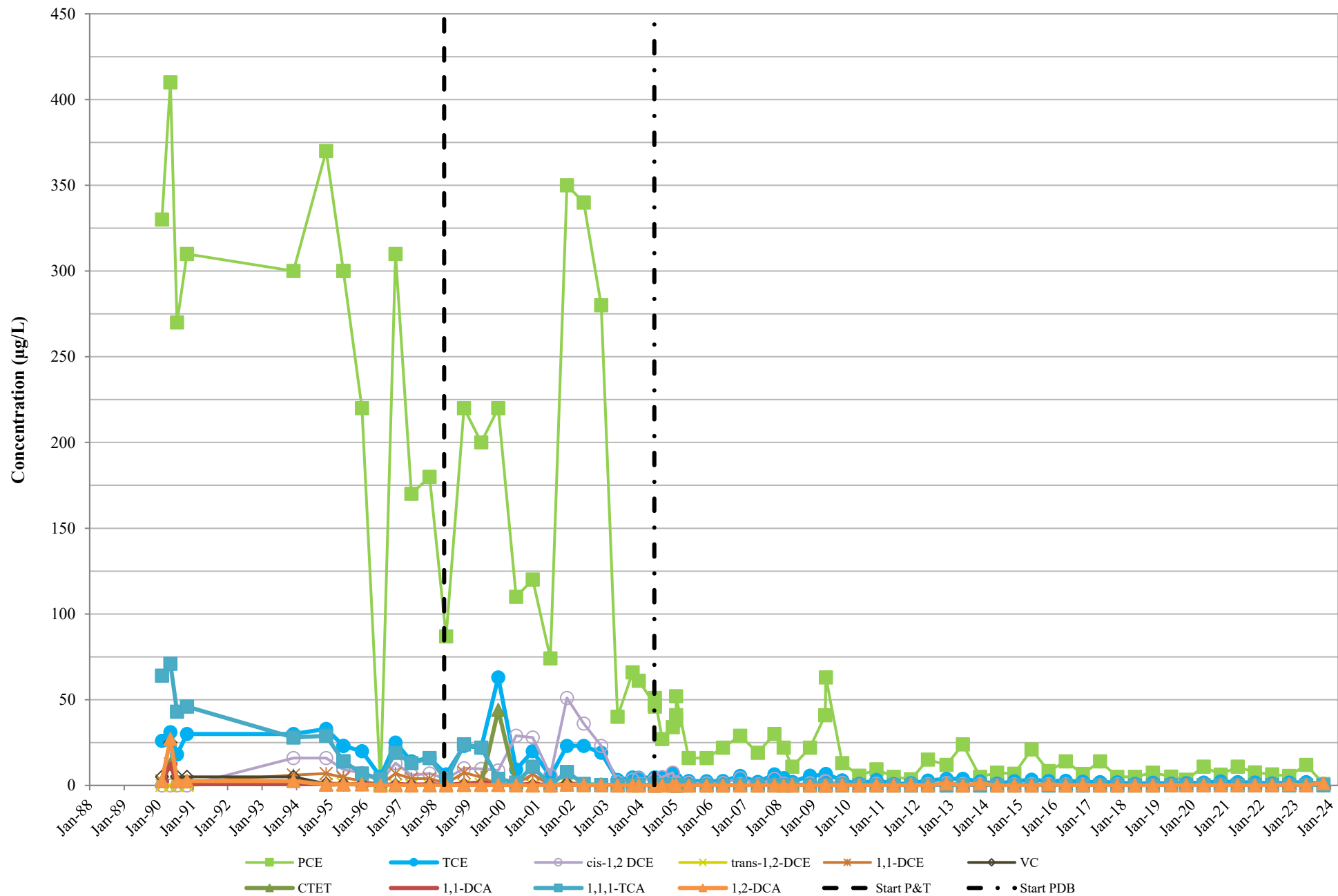


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 132 (Offsite - East Central Near Lake)

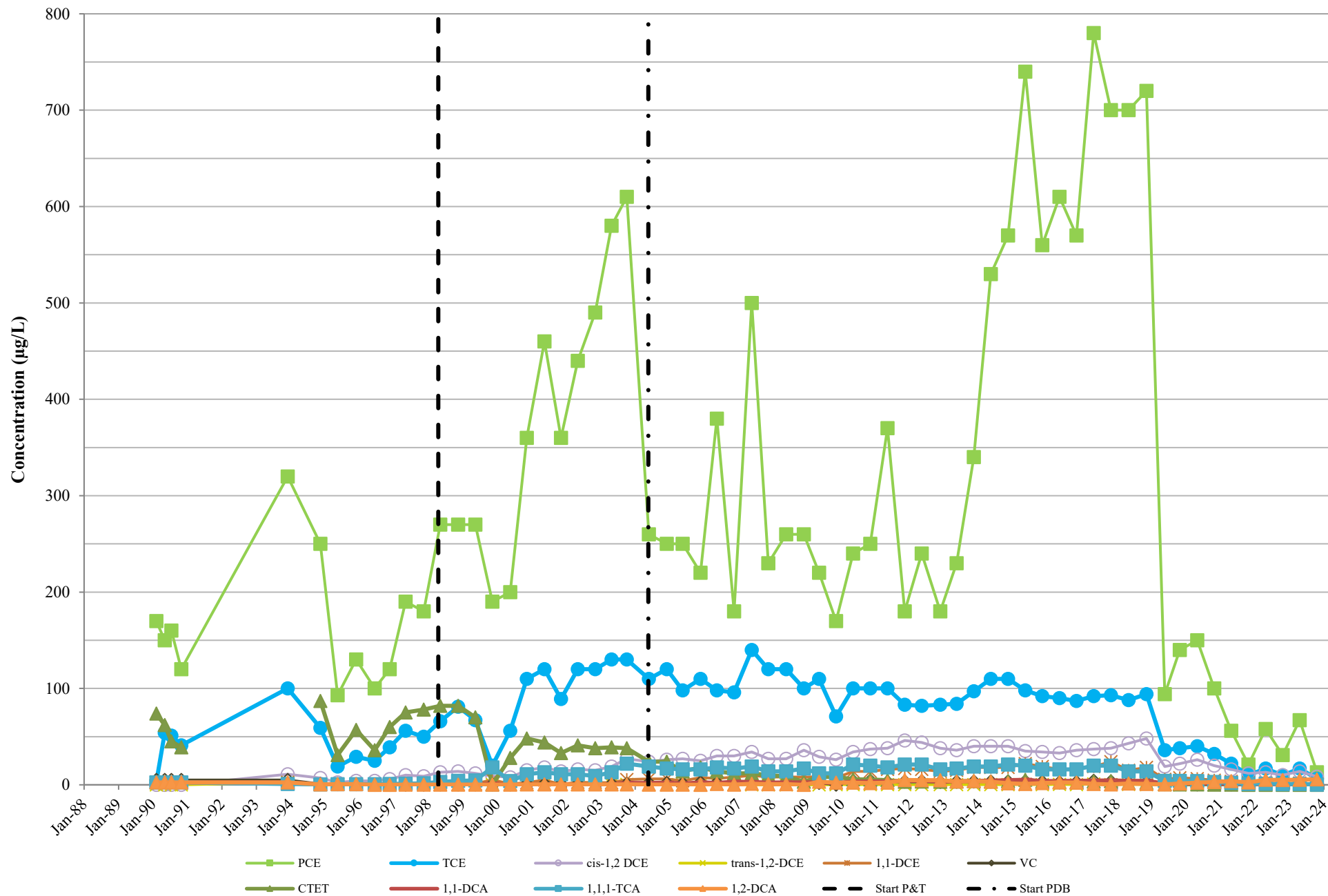


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL

Concentration vs Time

Intermediate Well 132-I (Offsite - East Central Near Lake)

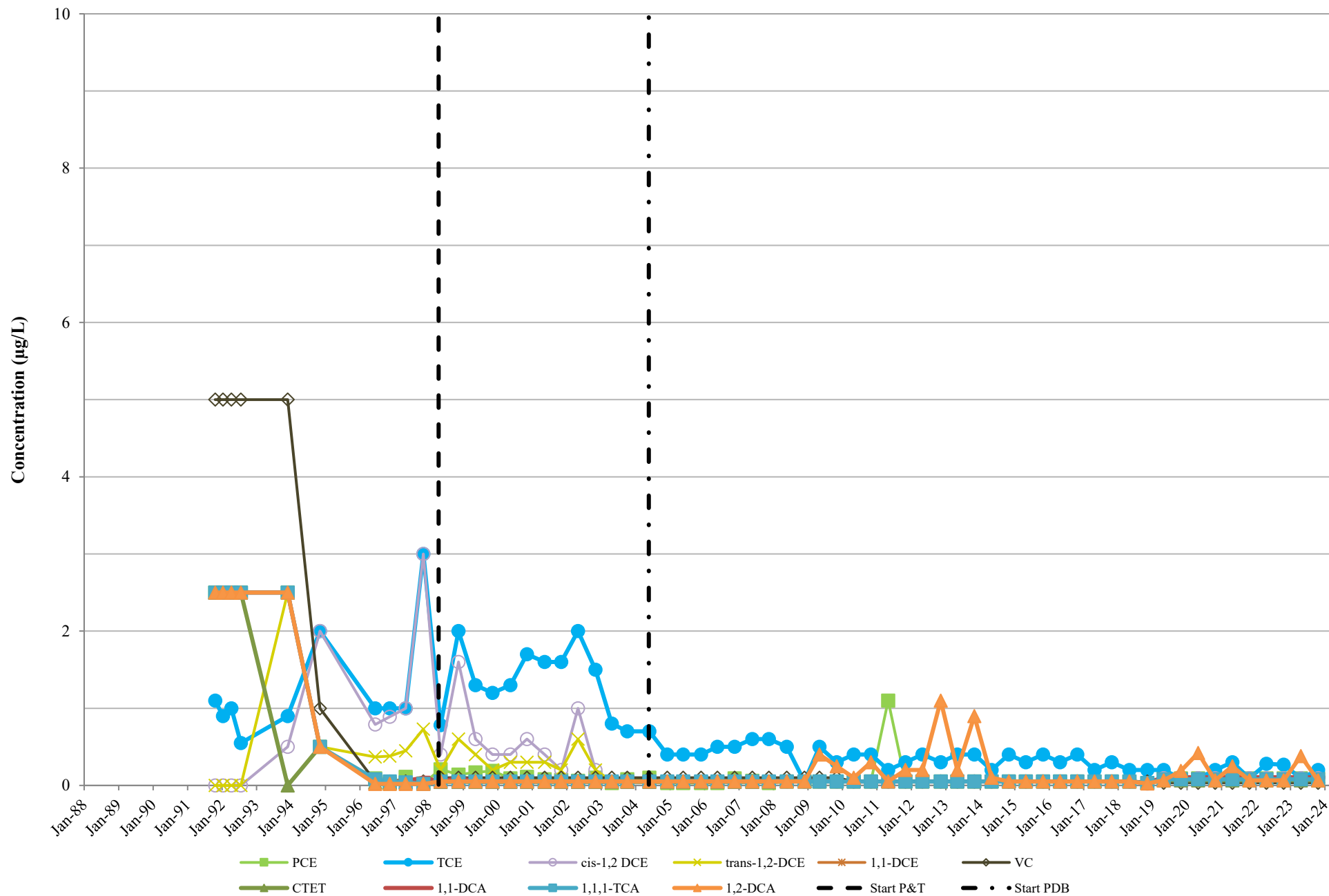


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 137-S (Offsite - Western Edge Near Site)

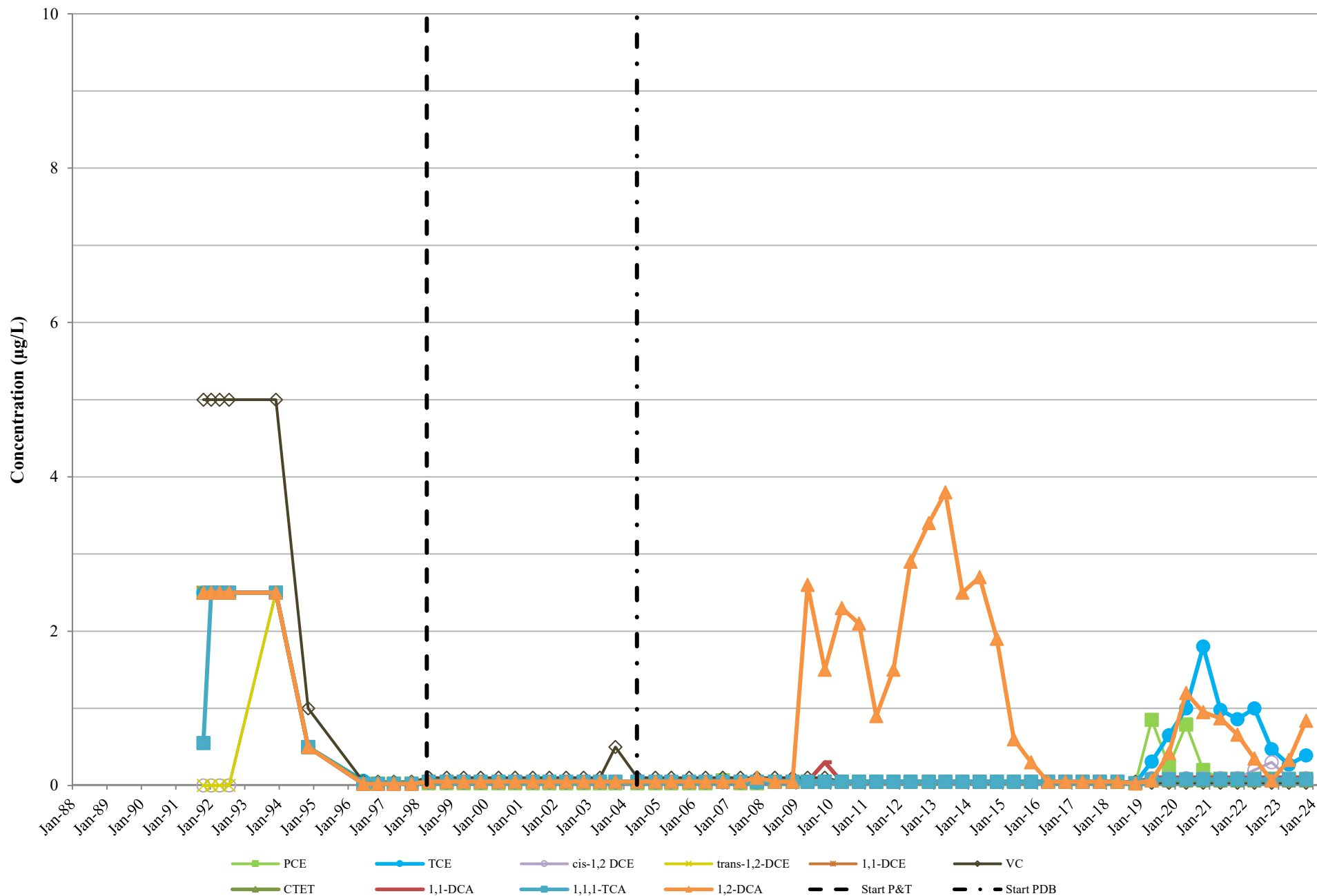


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL

Concentration vs Time

Intermediate Well 137-I (Offsite - Western Edge Near Site)

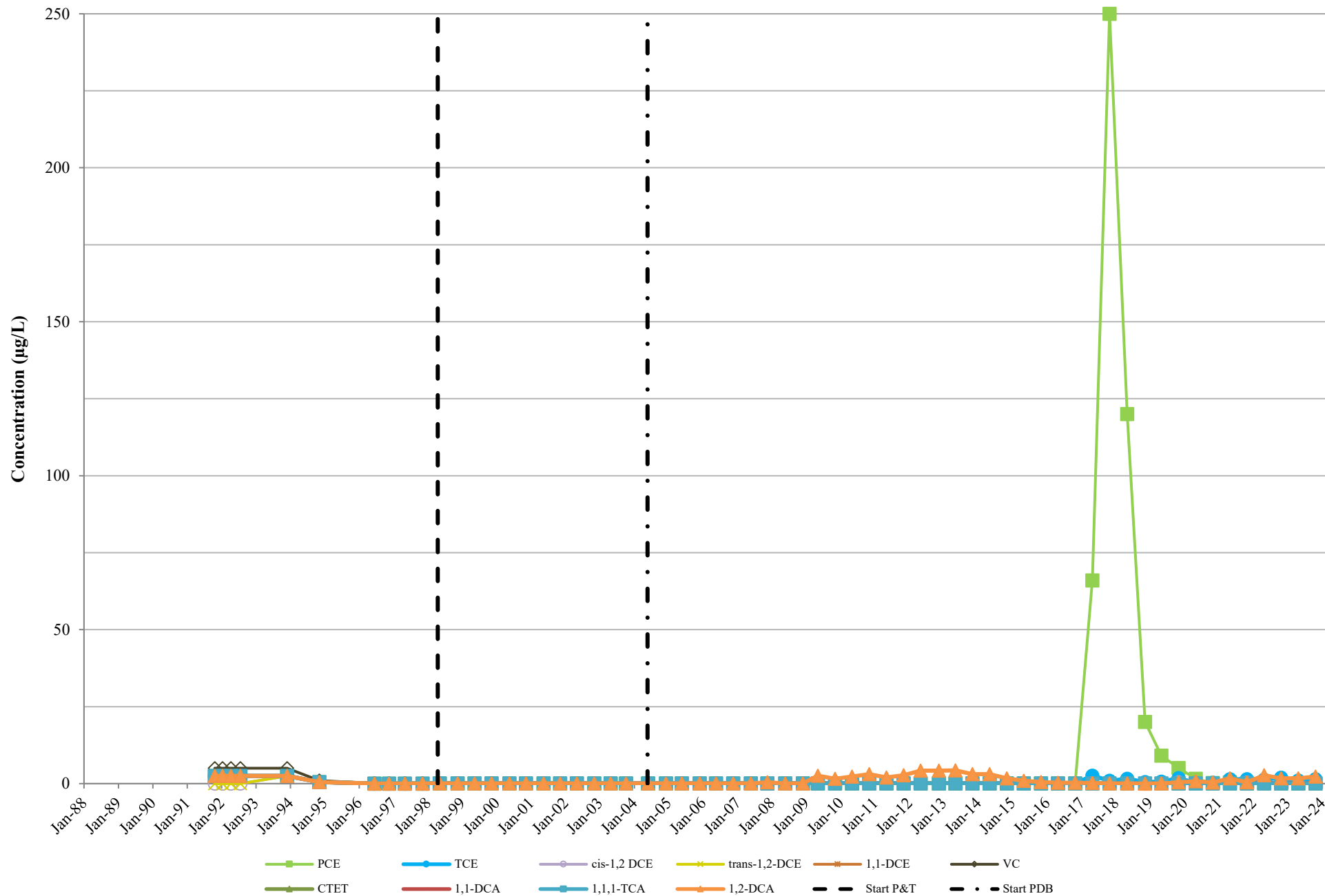


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDLL.

Concentration vs Time

Deep Well 137-D (Offsite - Western Edge Near Site)

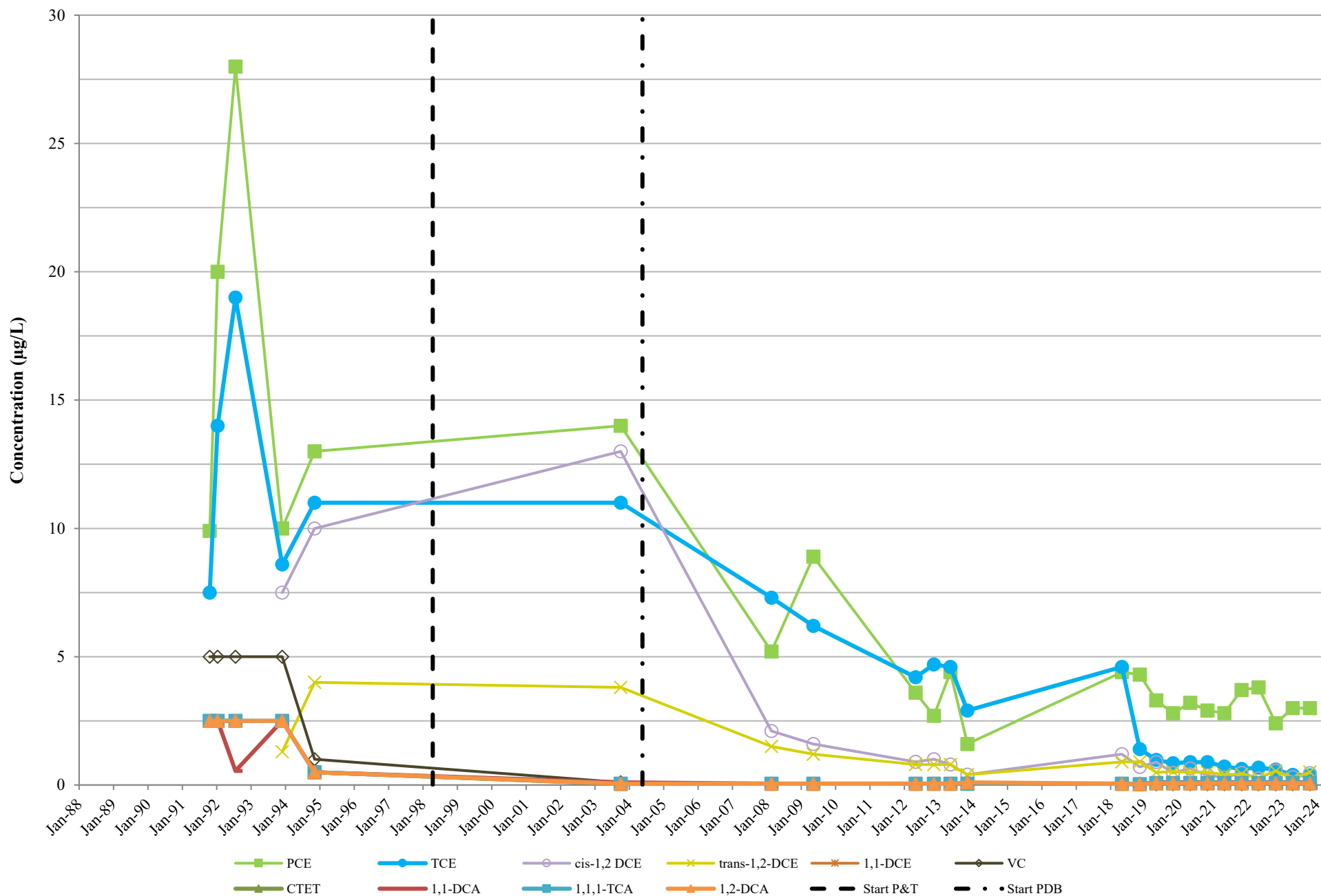


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 138-S (Offsite - West Central Near Lake)

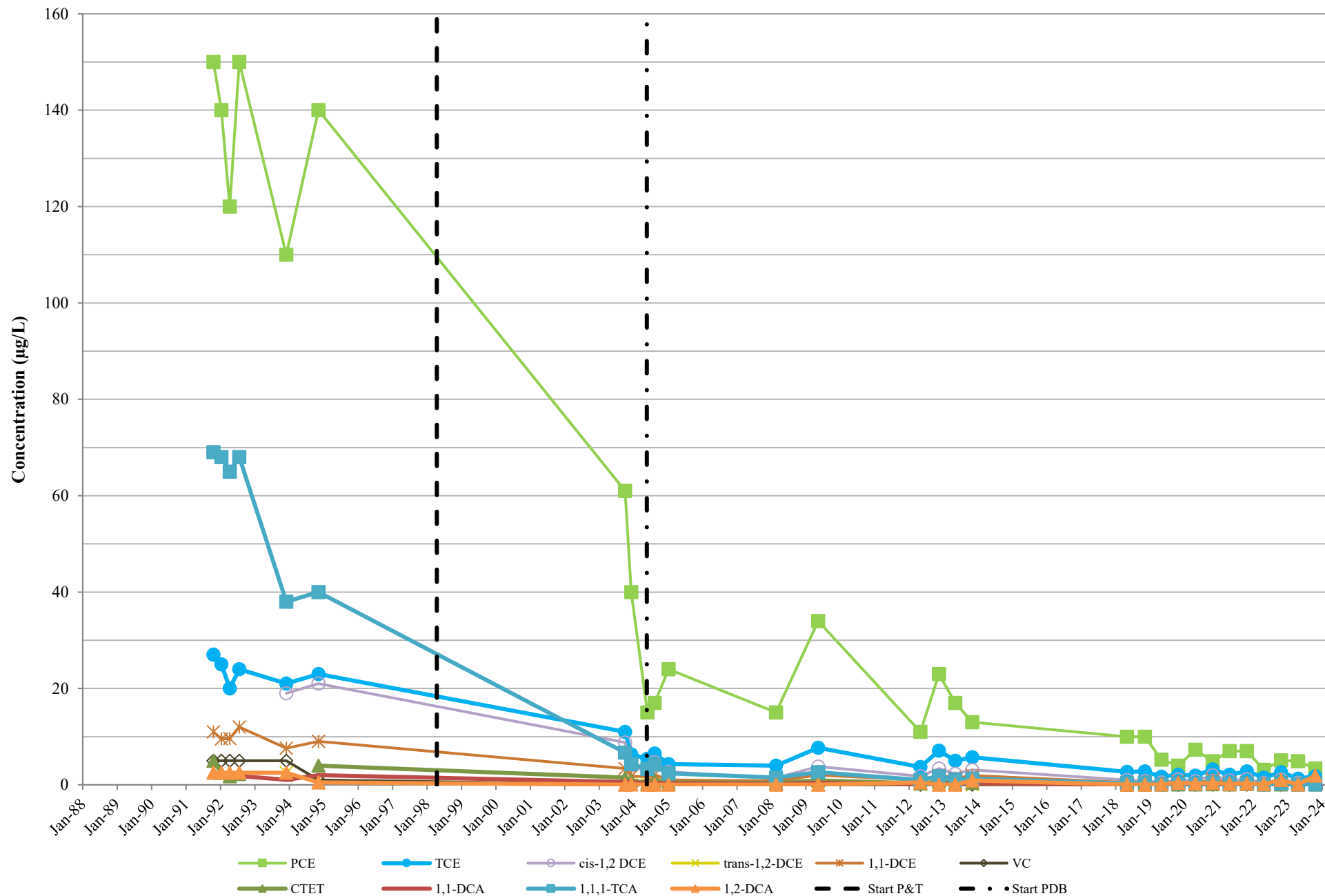


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 139-S (Offsite - West Central Near Lake)

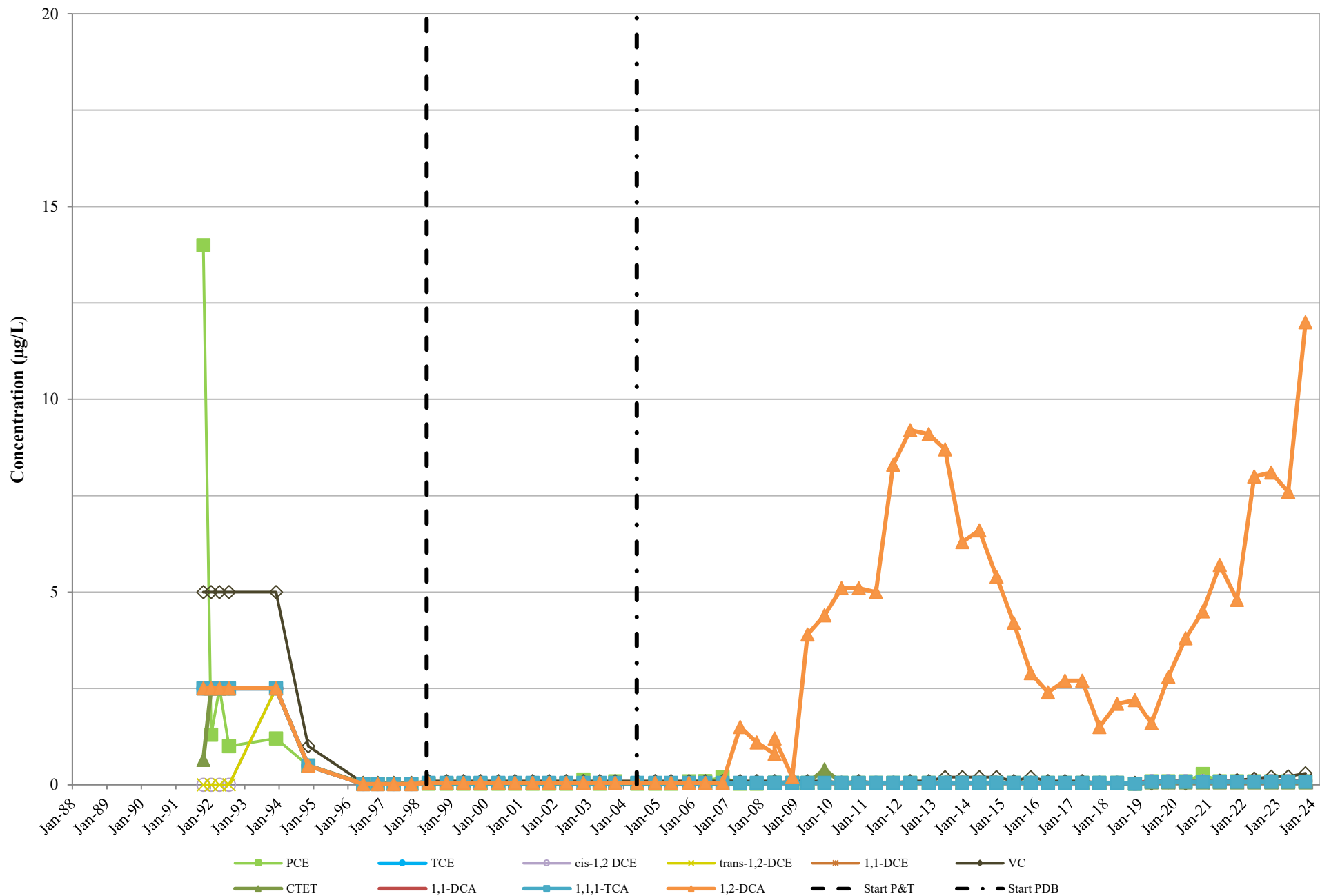


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

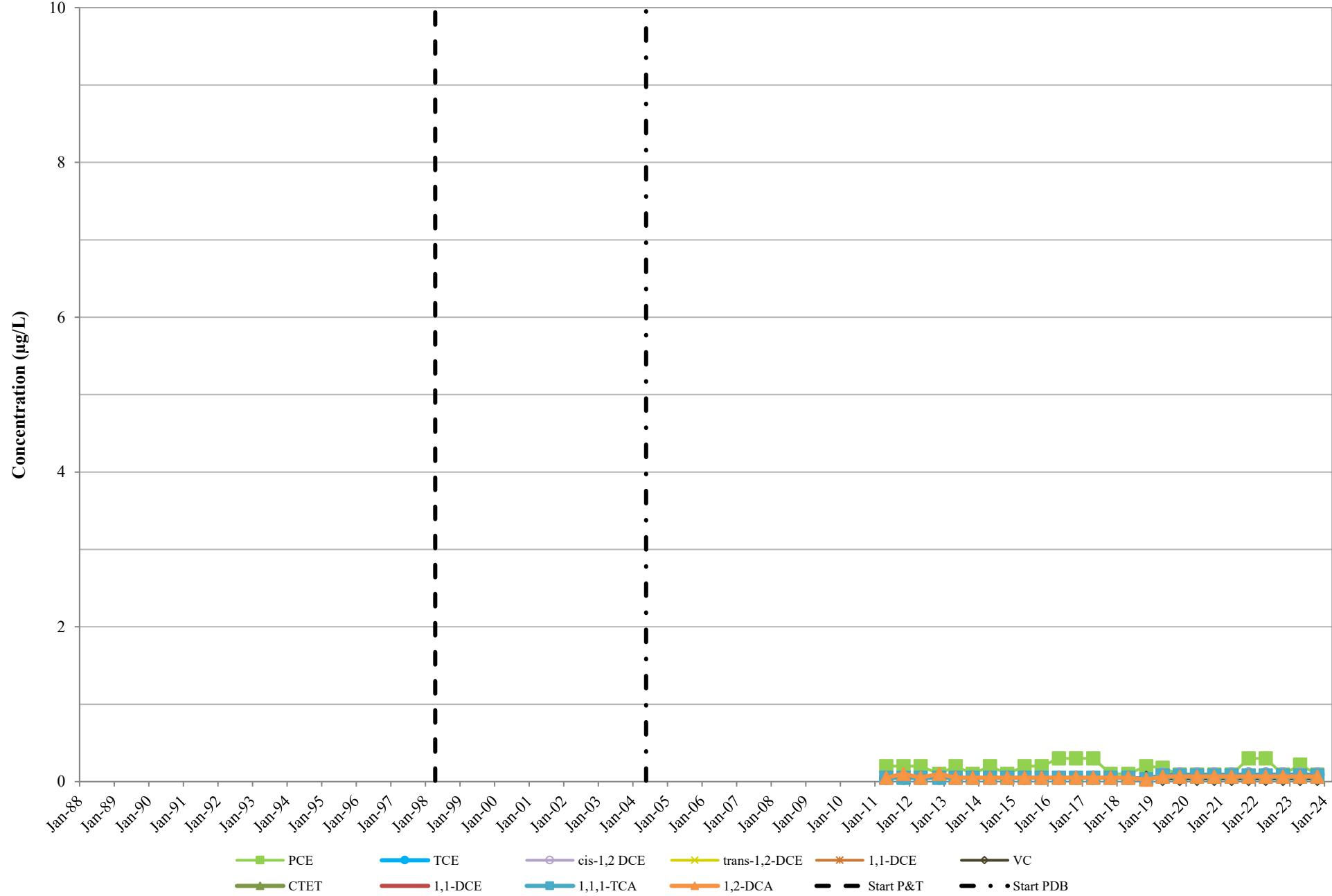
Concentration vs Time

Intermediate Well 140-I (Offsite - Eastern Edge)



Notes:
1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time
Shallow Well 146-S (Offsite - East Central Near Site)

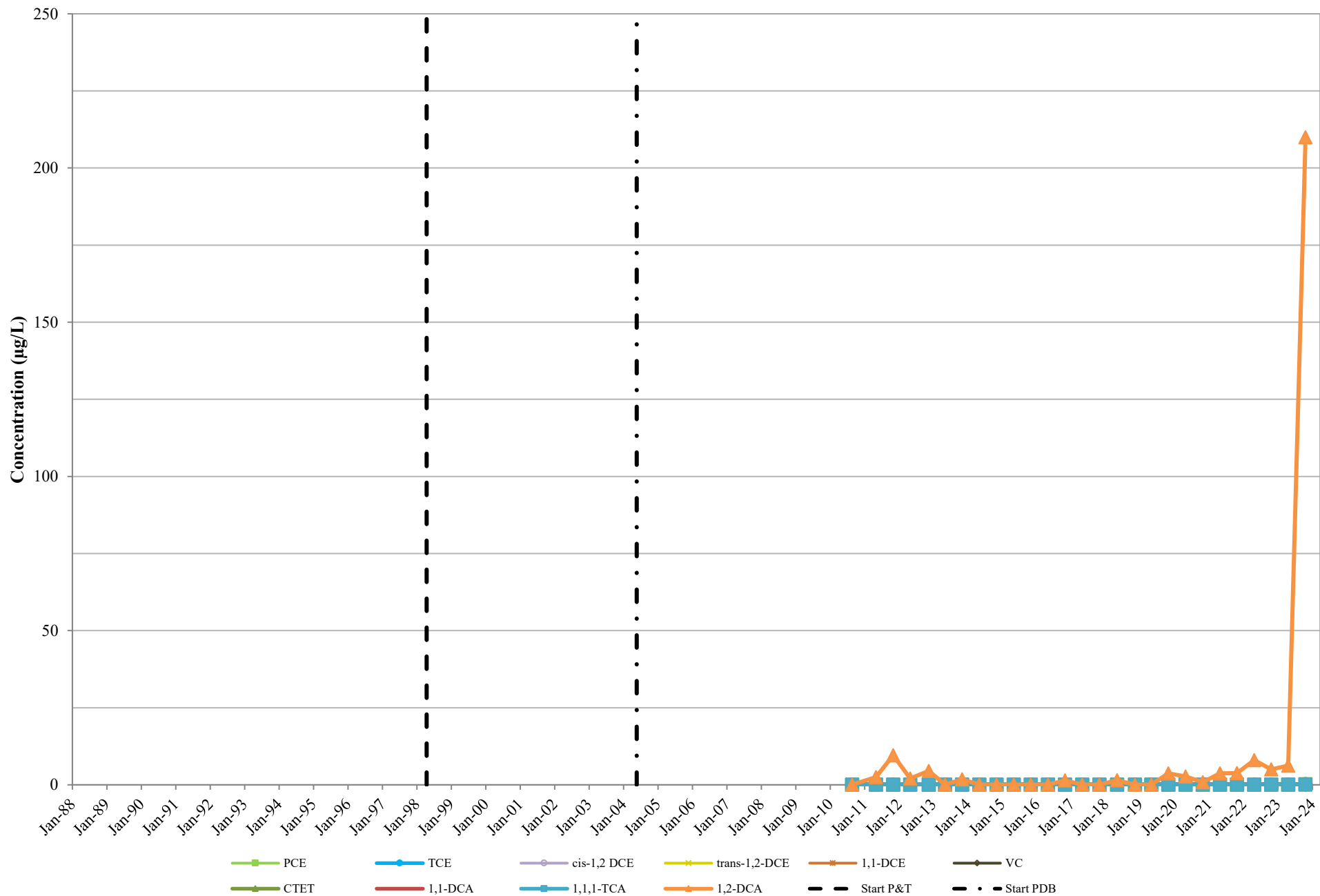


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

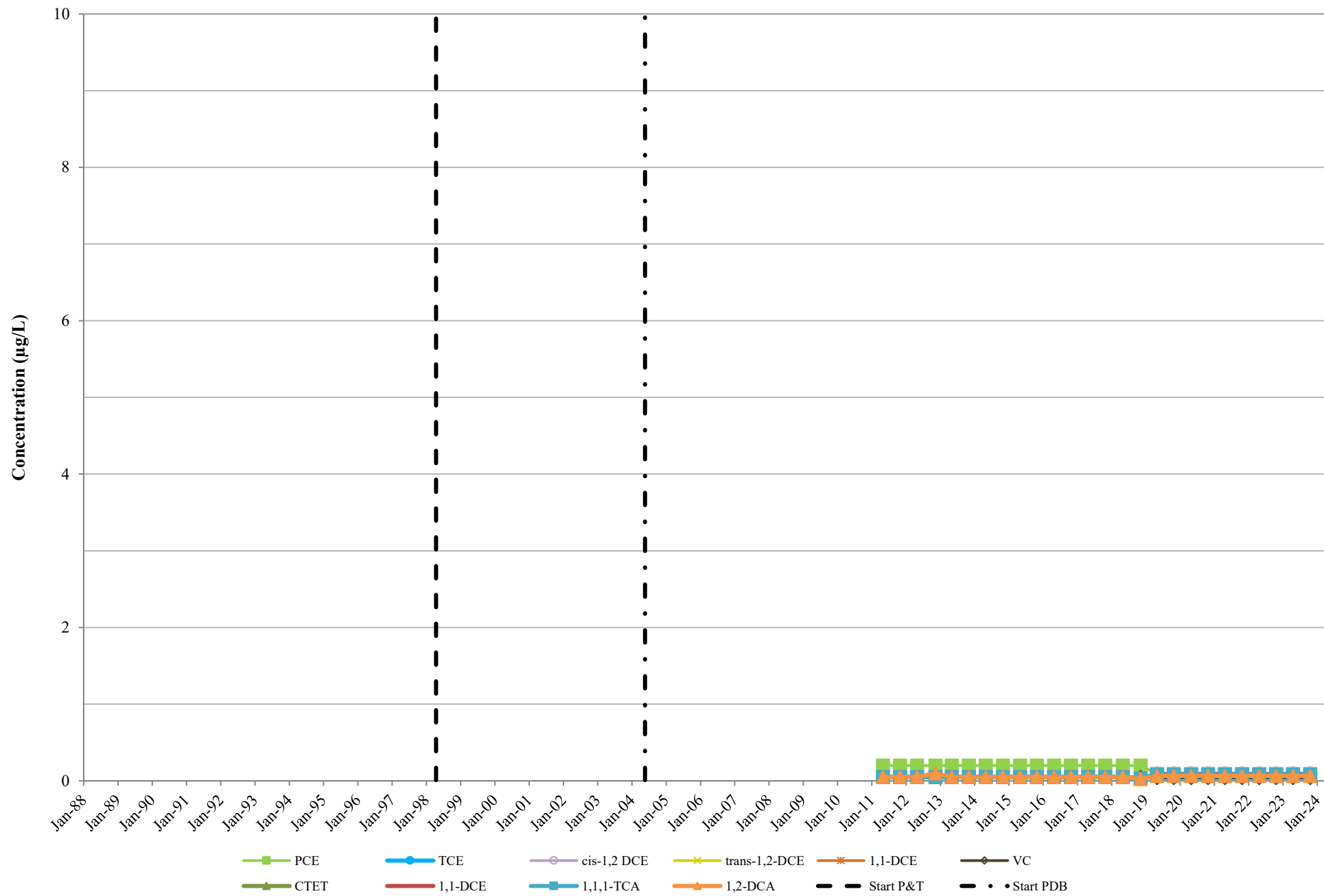
Concentration vs Time

Intermediate Well 147-I (Offsite - Eastern Edge)



Notes:
1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time
Shallow Well 148-S (Offsite - Eastern Edge)

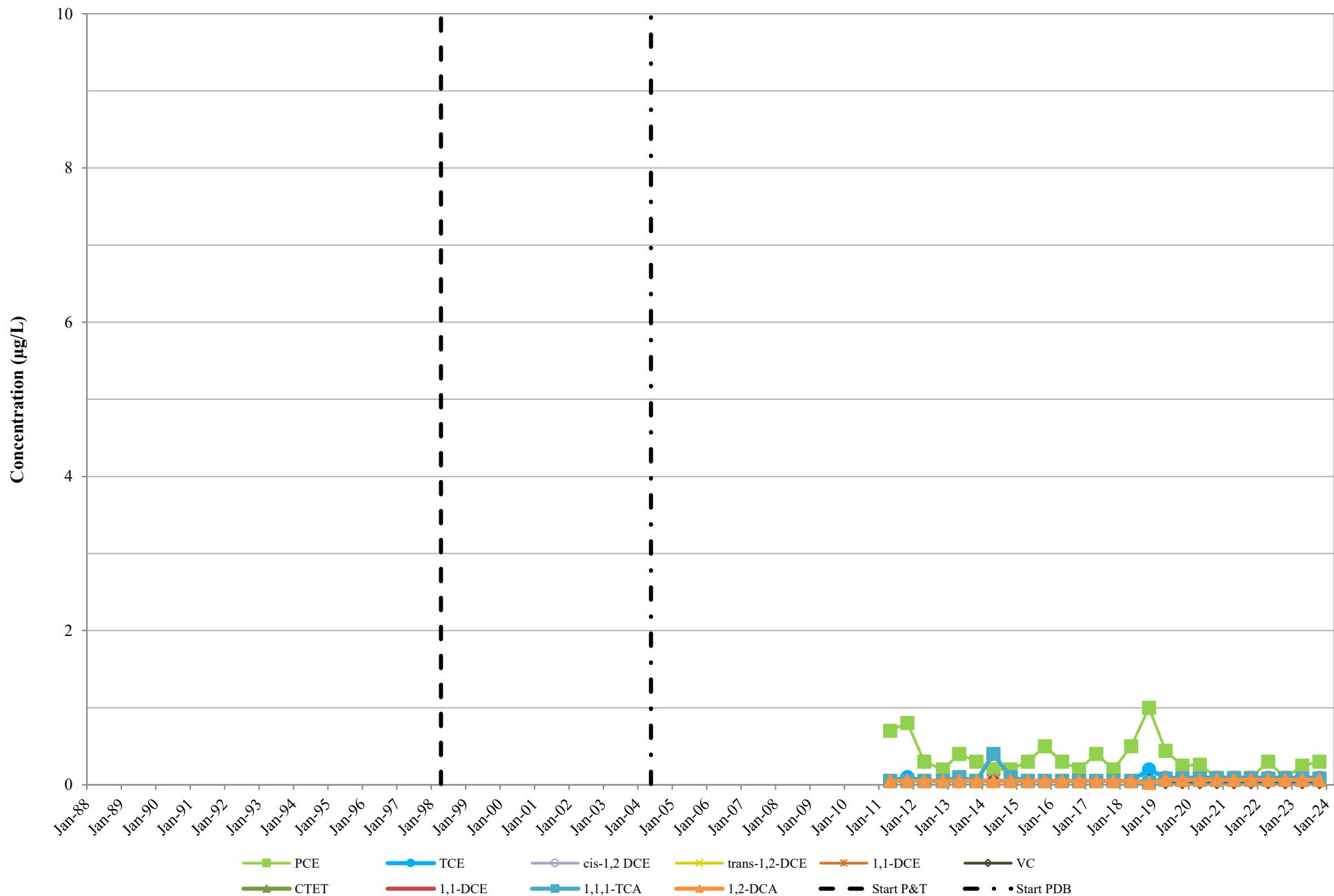


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 149-S (Offsite - Eastern Edge)

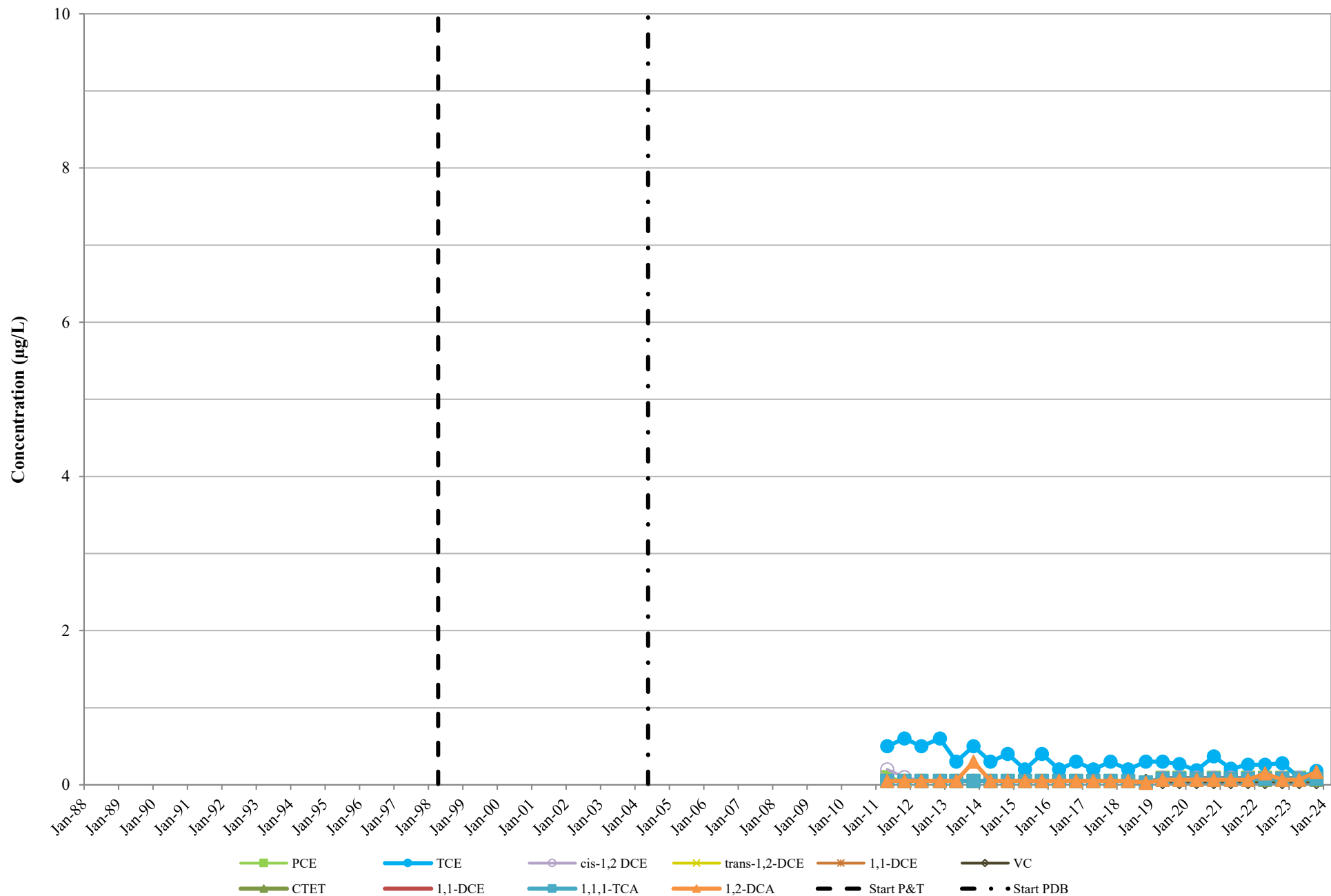


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 150-S (Offsite - Western Edge)

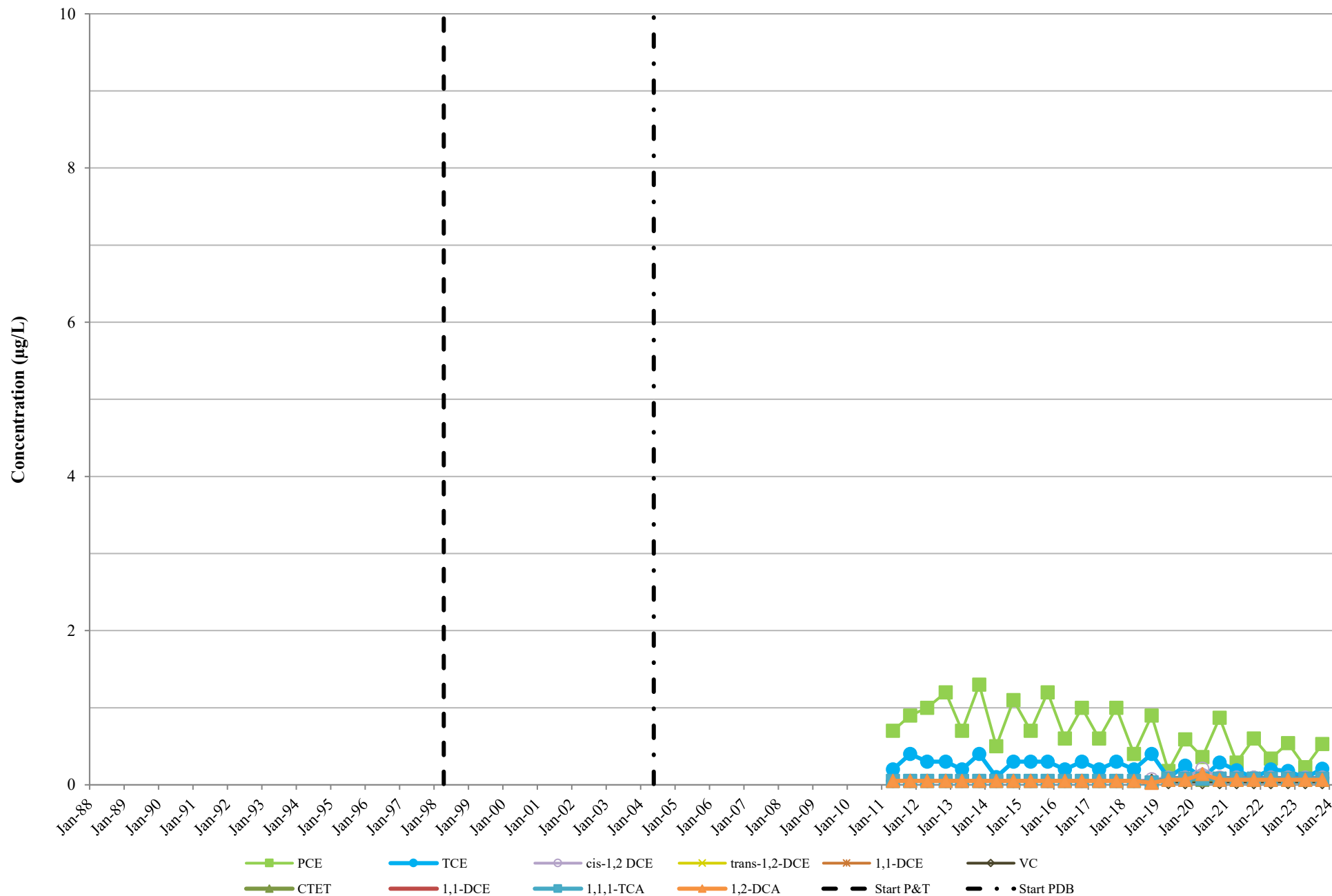


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 151-S (Offsite - Western Edge Near Lake)

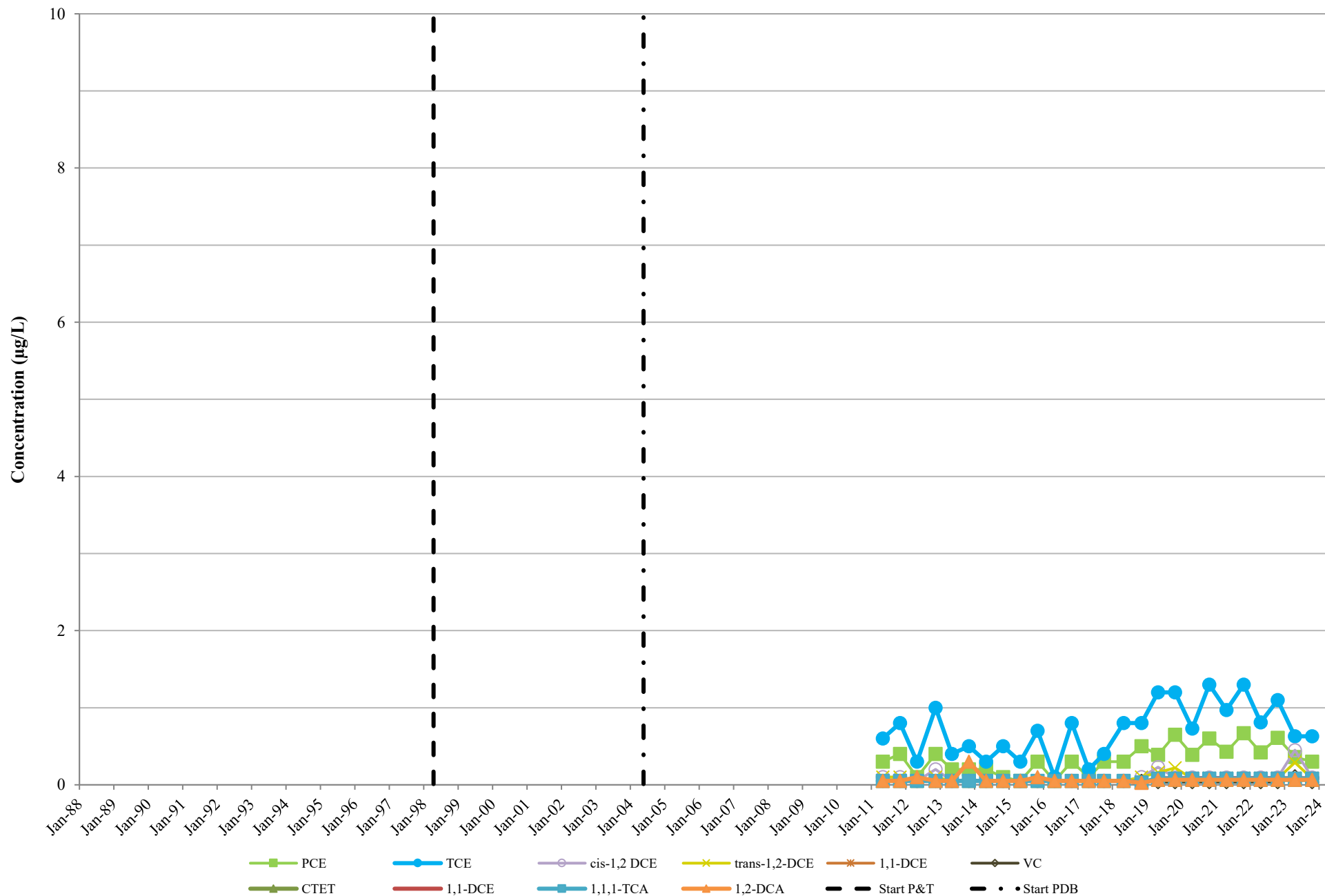


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time

Shallow Well 152-S (Offsite - Western Edge Near Lake)

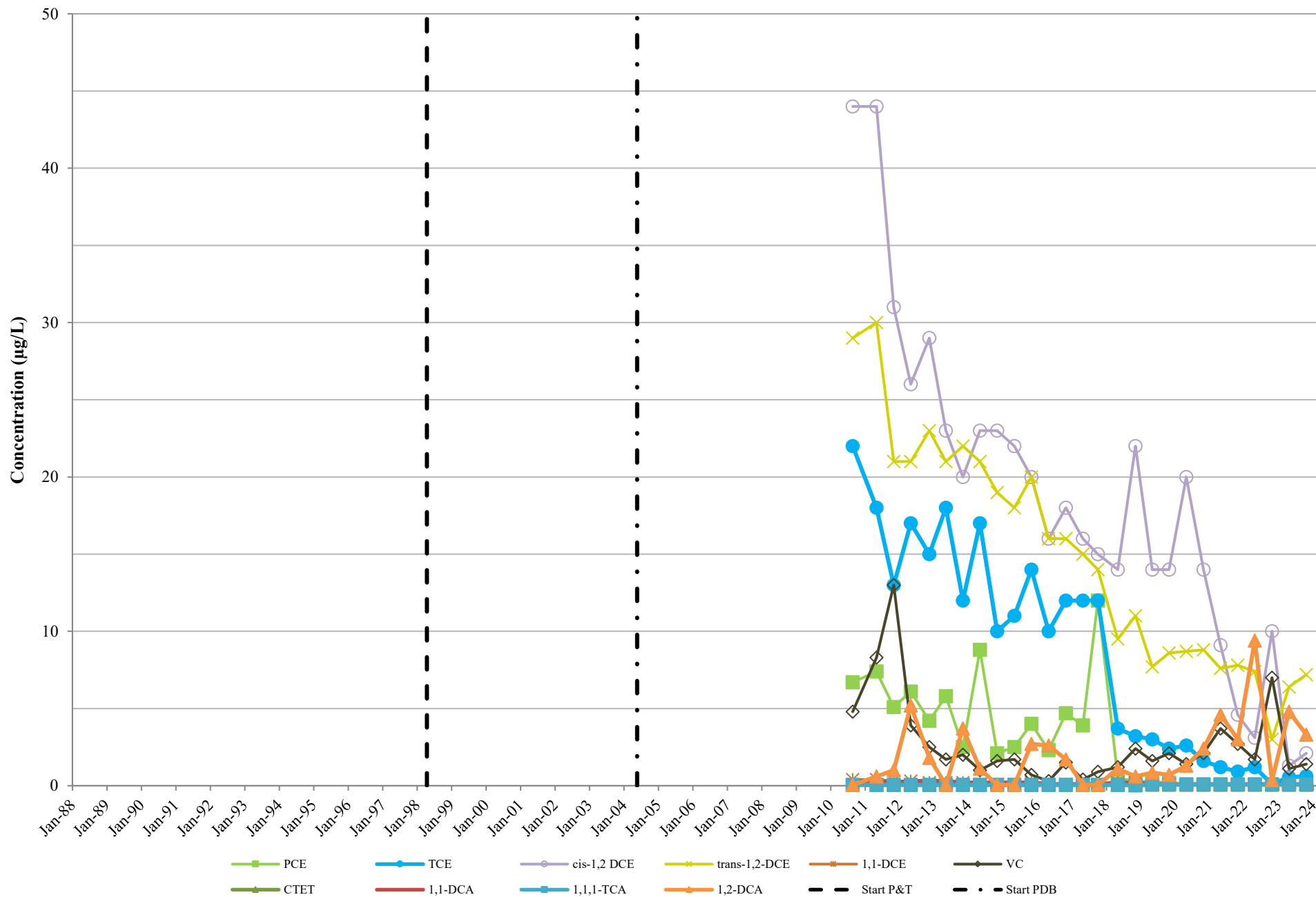


Notes:

1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

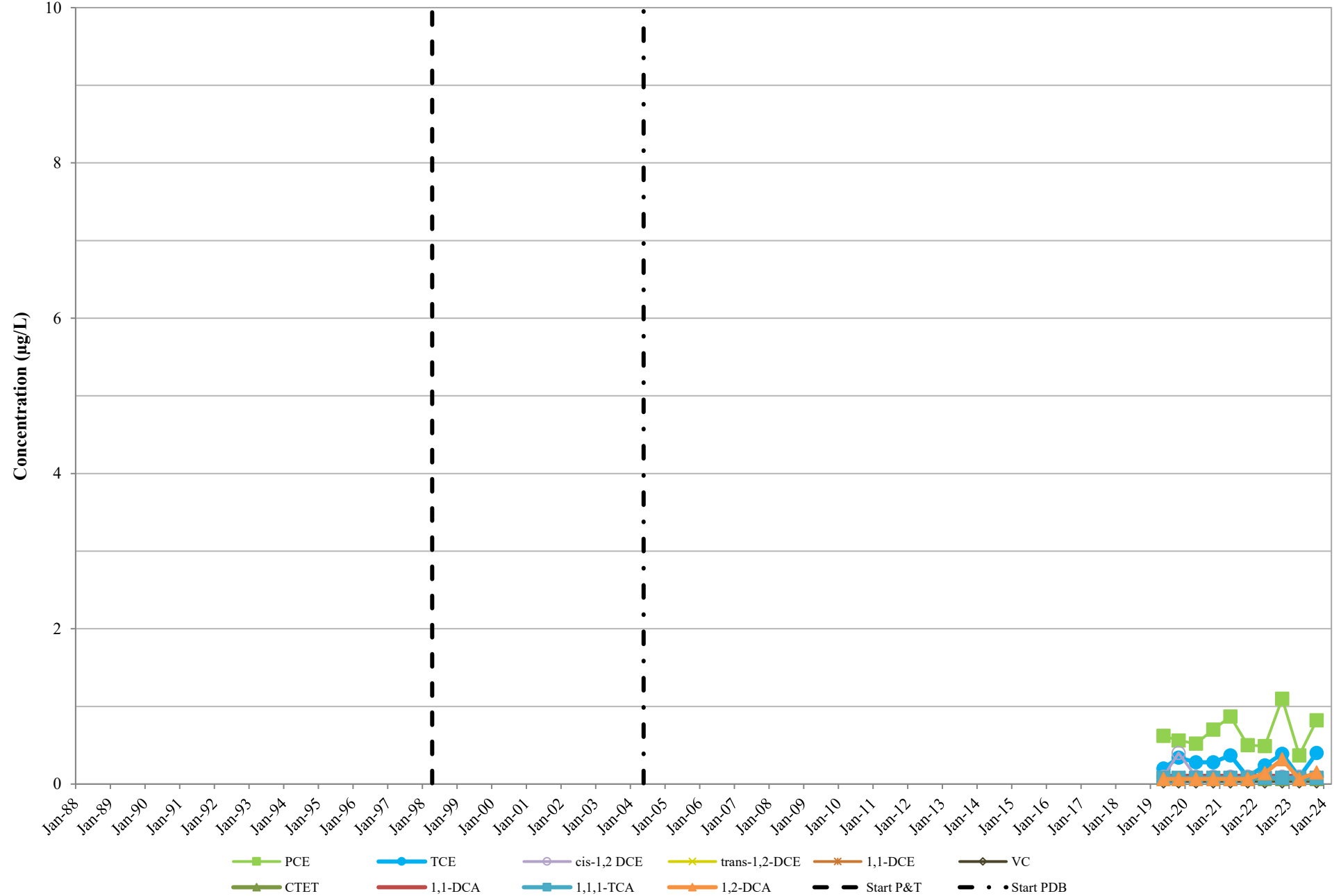
Concentration vs Time

Intermediate Well 152-I (Offsite - Western Edge)



Notes:
1. Data were obtained from the Chemours EIM database.
2. For the purposes of this chart, NDs are plotted as 1/2 the MDL.

Concentration vs Time
Shallow Well 153-S (Offsite - Central Near Site)



APPENDIX C

WELL SEARCH RESULTS

CEA #4 - Well Search Summary Table
Pompton Lakes Works Site
Pompton Lakes, NJ

| Permit Number | Well Use | Well Name | Potentially Potable | Document | Date (permitted /drilled /sealed) | Physical Address | County | Municipality | Block | Lot | Location Method | Easting (X) | Northing (Y) | Distance (Feet) | Depth (ft) | Capacity (gal/min) |
|---------------|-------------------|-----------|---------------------|-----------------|-----------------------------------|-------------------------|---------|--------------------|-------|-----|----------------------|-------------|--------------|-----------------|------------|--------------------|
| E202311207 | Monitoring | B-1 | No | Permit | 10/30/2023 | 519 RINGWOOD AVE | Passaic | Pompton Lakes Boro | 2600 | 2 | Digital Image | 548803 | 791297 | 5,075.82 | 15 | 0 |
| E202310970 | Monitoring | MW-4 | No | Record | 11/3/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | GPS | 549087 | 791227 | 4,795.44 | 20 | |
| E202310970 | Monitoring | MW-4 | No | Permit | 10/23/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | Digital Image | 549097 | 791231 | 4,785.23 | 20 | 0 |
| E202306872 | Domestic | 1 | Yes | Record | 9/28/2023 | 11 PIERSON MILLER DRIVE | Bergen | Oakland Boro | 101 | 2 | GPS | 555590 | 795469 | 4,329.19 | 800 | |
| E202306872 | Domestic | 1 | Yes | Permit | 8/23/2023 | 11 PIERSON MILLER DRIVE | Bergen | Oakland Boro | 101 | 2 | GPS | 555590 | 795469 | 4,329.19 | 250 | 10 |
| E202304724 | Monitoring | MW-14M | No | Permit | 5/11/2023 | 504 Montclair Ave | Passaic | Pompton Lakes Boro | 2701 | 1 | Digital Image | 547381 | 791221 | 6,499.74 | 78 | 0 |
| E202304724 | Monitoring | MW-14M | No | Record | 5/17/2023 | 504 Montclair Ave | Passaic | Pompton Lakes Boro | 2701 | 1 | GPS | 547381 | 791221 | 6,499.74 | 78 | |
| E202303710 | Monitoring | MW-11M | No | Record | 4/25/2023 | near 411 Montclair Ave | Passaic | Pompton Lakes Boro | ROW | ROW | GPS | 547573 | 791978 | 6,320.56 | 79 | |
| E202303710 | Monitoring | MW-11M | No | Permit | 4/18/2023 | near 411 Montclair Ave | Passaic | Pompton Lakes Boro | ROW | ROW | Digital Image | 547573 | 791978 | 6,320.56 | 80 | 0 |
| E202303709 | Monitoring | MW-11S | No | Record | 4/24/2023 | near 411 Montclair Ave | Passaic | Pompton Lakes Boro | ROW | ROW | GPS | 547574 | 791975 | 6,319.33 | 35 | |
| E202303709 | Monitoring | MW-11S | No | Permit | 4/18/2023 | near 411 Montclair Ave | Passaic | Pompton Lakes Boro | ROW | ROW | Digital Image | 547574 | 791975 | 6,319.33 | 35 | 0 |
| E202300262 | Monitoring | MW-3 | No | Permit | 1/12/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | Digital Image | 549215 | 791037 | 4,682.36 | 20 | 0 |
| E202300262 | Monitoring | MW-3 | No | Record | 1/23/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | GPS | 549235 | 791038 | 4,662.35 | 20 | |
| E202300261 | Monitoring | MW-2 | No | Permit | 1/12/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | Digital Image | 549271 | 791312 | 4,607.6 | 20 | 0 |
| E202300261 | Monitoring | MW-2 | No | Record | 1/23/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | GPS | 549278 | 791290 | 4,601.52 | 20 | |
| E202300260 | Monitoring | MW-1 | No | Permit | 1/12/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | Digital Image | 549024 | 791061 | 4,870.29 | 20 | 0 |
| E202300260 | Monitoring | MW-1 | No | Record | 1/23/2023 | 226 Wanaque Ave Rear | Passaic | Pompton Lakes Boro | 3000 | 11 | GPS | 549027 | 791077 | 4,865.9 | 20 | |
| E202212378 | Irrigation | Well #1 | Yes | Permit | 11/7/2022 | Jefferson Street | Passaic | Wanaque Boro | 459 | 19 | Digital Image | 549079 | 797679 | 7,826.61 | 500 | 20 |
| E202212269 | Boring/Individual | HP-6 | No | Permit | 11/22/2022 | 504 MONTCLAIR AVE | Passaic | Pompton Lakes Boro | 2701 | 1 | Digital Image | 547377 | 791210 | 6,504.2 | 35 | 0 |
| E202209768 | Monitoring | MW-62 | No | Permit | 9/22/2022 | CANNONBALL RD | Passaic | Pompton Lakes Boro | 100 | 3 | Survey frm Benchmark | 552008 | 794019 | 3,140.27 | 55 | 0 |
| E202206431 | Recovery | RW-75 | No | Permit | 1/26/2023 | 2000 Cannonball Rd | Passaic | Pompton Lakes Boro | 100 | 3 | Digital Image | 552851 | 793944 | 2,655.39 | 48 | 20 |
| E202206429 | Recovery | RW-74 | No | Permit | 1/26/2023 | 2000 Cannonball Rd | Passaic | Pompton Lakes Boro | 100 | 3 | Digital Image | 552017 | 794022 | 3,137.35 | 82 | 60 |
| E202205783 | Boring/Individual | SB-2 | No | Permit | 5/24/2022 | near 430 Montclair Ave | Passaic | Pompton Lakes Boro | ROW | ROW | Digital Image | 547565 | 791822 | 6,318.52 | 35 | 0 |
| E202205782 | Boring/Individual | SB-1 | No | Permit | 5/24/2022 | 430 MONTCLAIR AVE. | Passaic | Pompton Lakes Boro | 1800 | 13 | Digital Image | 547502 | 791818 | 6,381.23 | 35 | 0 |
| E202205382 | Monitoring | MW-65 | No | Permit | 6/1/2022 | CANNONBALL RD | Passaic | Pompton Lakes Boro | 100 | 3 | Survey frm Benchmark | 552856 | 793937 | 2,647 | 46 | 0 |
| E201811633 | Piezometer | MW-5 | No | Decommissioning | 12/1/2022 | LAKESIDE AVE | Passaic | Pompton Lakes Boro | 6600 | 5 | GPS | 552228 | 790994 | 1,721.22 | 6 | |
| E201811632 | Piezometer | MW-2 | No | Decommissioning | 12/1/2022 | LAKESIDE AVE | Passaic | Pompton Lakes Boro | 6600 | 5 | GPS | 552271 | 791109 | 1,649.56 | 6 | |
| E201811629 | Piezometer | MW-1 | No | Decommissioning | 12/1/2022 | POMPTON LAKE | Passaic | Pompton Lakes Boro | 12600 | 1 | GPS | 552441 | 791214 | 1,461.08 | 6 | |

APPENDIX D

NOTIFICATION LETTERS



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Ms. Charlene W. Gungil
Passaic County Department of Health
Environmental Health Division - Safe Drinking Water
930 Riverview Drive, Suite 250
Totowa, NJ 07512

**RE: Classification Exception Areas (#1, #3, #4, and #5)
 Pompton Lakes Works Site
 Pompton Lakes, New Jersey**

Dear Ms. Gungil:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Ms. Meghan Mulraney – Secretary
Board of Health
25 Lenox Avenue
Pompton Lakes, New Jersey 07442

**RE: Classification Exception Areas (#1, #3, #4, and #5)
Pompton Lakes Works Site
Pompton Lakes, New Jersey**

Dear Ms. Mulraney:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink, appearing to read 'David E. Epps', with a stylized flourish at the end.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Mr. John Wegele
Municipal Utility Authority
2000 Lincoln Avenue
Pompton Lakes, New Jersey 07442

**RE: Classification Exception Areas (#1, #3, #4, and #5)
Pompton Lakes Works Site
Pompton Lakes, New Jersey**

Dear Mr. Wegele:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File



The Chemours Company
Pompton Lakes Works
2000 Cannonball Road
Pompton Lakes, NJ 07442

March 20, 2024

Sent Via Certified Mail – Return Receipt

Ms. Carmelina Fusaro
Building Department – Planning/Zoning Board Secretary
25 Lenox Avenue
Pompton Lakes, New Jersey 07442

**RE: Classification Exception Areas (#1, #3, #4, and #5)
Pompton Lakes Works Site
Pompton Lakes, New Jersey**

Dear Ms. Fusaro:

The Chemours Company FC, LLC (Chemours) is preparing documentation in accordance with N.J.A.C. 7:26C (*Administrative Requirements for the Remediation of Contaminated Sites*) with respect to groundwater classification exception areas (CEAs) #1, #3, #4, and #5 previously established for the Pompton Lakes Works Site located at 2000 Cannonball Road, Pompton Lakes, New Jersey.

As required for the biennial certification process, an evaluation of potential changes to the 25-year water use planning as it relates to groundwater for the Borough of Pompton Lakes must be conducted. To that end, we are requesting written documentation (via letter or email) indicating whether your agency has any information with respect to future planned changes for groundwater use in or immediately adjacent to the CEA areas shown on the attached figure. We will forward any information received to the New Jersey Department of Environmental Protection as part of the biennial certification process. Correspondence can be addressed to:

Norma L. Eichlin
HDR
2000 Cannonball Road
Pompton Lakes, NJ 07442
Norma.Eichlin@hdrinc.com

In the event your organization does not address the area described above, please confirm this in your reply. If you have any questions, please contact Norma Eichlin at (973) 492-7725.

Sincerely,

A handwritten signature in black ink that reads 'David E. Epps'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

David E. Epps, P.G.
Remediation Principal Project Manager
Corporate Remediation Group

cc: PLW Central File