

# **APPENDICES**

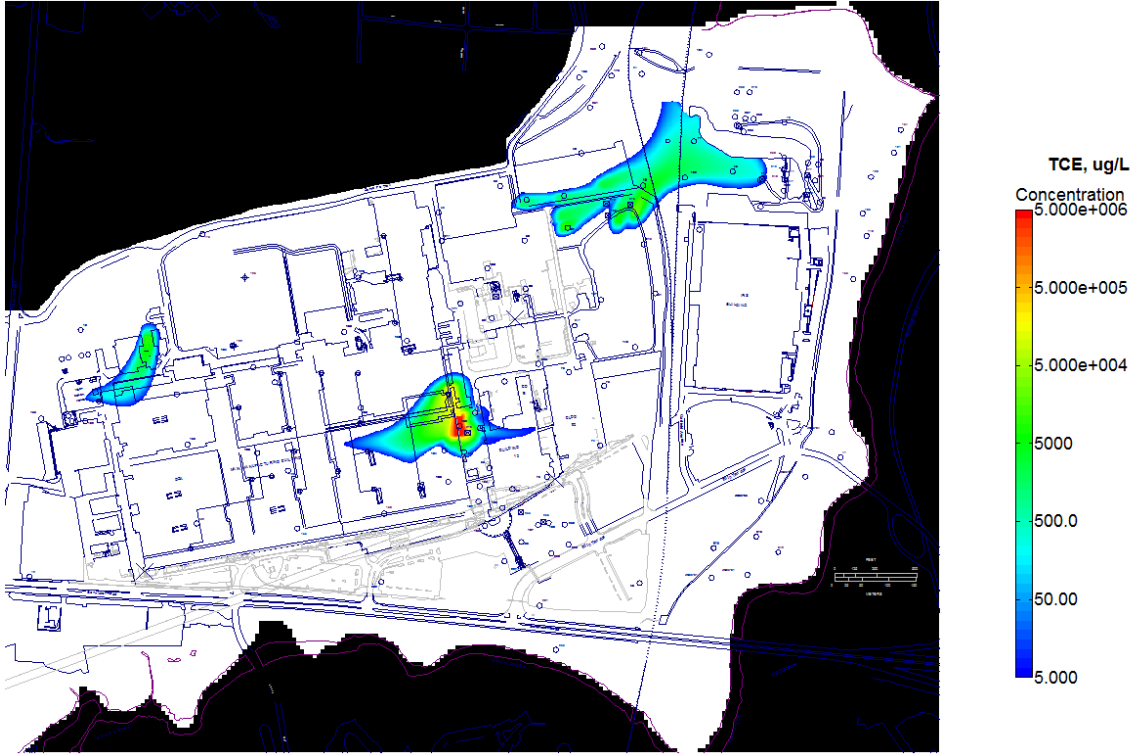
| <b>Appendix</b> | <b>Description</b>                              | <b>Contaminant</b> | <b>Condition</b> |
|-----------------|---|--------------------|------------------|
| 1               | No Source Reduction                             | TCE                | Current          |
| 2               | No Source Reduction                             | DCE                | Current          |
| 3               | No Source Reduction                             | VC                 | Current          |
| 4               | No Source Reduction                             | TCE                | Future           |
| 5               | No Source Reduction                             | DCE                | Future           |
| 6               | No Source Reduction                             | VC                 | Future           |
| 7               | Complete Source Reduction                       | TCE                | Current          |
| 8               | Complete Source Reduction                       | DCE                | Current          |
| 9               | Complete Source Reduction                       | VC                 | Current          |
| 10              | Complete Source Reduction                       | TCE                | Future           |
| 11              | Complete Source Reduction                       | DCE                | Future           |
| 12              | Complete Source Reduction                       | VC                 | Future           |
| 13              | 50% Concentration Reduction, 0% Source Duration | TCE                | Current          |
| 14              | 50% Concentration Reduction, 0% Source Duration | DCE                | Current          |
| 15              | 50% Concentration Reduction, 0% Source Duration | VC                 | Current          |
| 16              | 75% Concentration Reduction, 0% Source Duration | TCE                | Current          |
| 17              | 75% Concentration Reduction, 0% Source Duration | DCE                | Current          |
| 18              | 75% Concentration Reduction, 0% Source Duration | VC                 | Current          |
| 19              | 95% Concentration Reduction, 0% Source Duration | TCE                | Current          |
| 20              | 95% Concentration Reduction, 0% Source Duration | DCE                | Current          |
| 21              | 95% Concentration Reduction, 0% Source Duration | VC                 | Current          |
| 22              | 50% Concentration Reduction, 0% Source Duration | TCE                | Future           |
| 23              | 50% Concentration Reduction, 0% Source Duration | DCE                | Future           |
| 24              | 50% Concentration Reduction, 0% Source Duration | VC                 | Future           |
| 25              | 75% Concentration Reduction, 0% Source Duration | TCE                | Future           |
| 26              | 75% Concentration Reduction, 0% Source Duration | DCE                | Future           |
| 27              | 75% Concentration Reduction, 0% Source Duration | VC                 | Future           |
| 28              | 95% Concentration Reduction, 0% Source Duration | TCE                | Future           |
| 29              | 95% Concentration Reduction, 0% Source Duration | DCE                | Future           |
| 30              | 95% Concentration Reduction, 0% Source Duration | VC                 | Future           |
| 31              | 0% Concentration Reduction, 50% Source Duration | TCE                | Current          |
| 32              | 0% Concentration Reduction, 50% Source Duration | DCE                | Current          |
| 33              | 0% Concentration Reduction, 50% Source Duration | VC                 | Current          |
| 34              | 0% Concentration Reduction, 75% Source Duration | TCE                | Current          |
| 35              | 0% Concentration Reduction, 75% Source Duration | DCE                | Current          |
| 36              | 0% Concentration Reduction, 75% Source Duration | VC                 | Current          |
| 37              | 0% Concentration Reduction, 95% Source Duration | TCE                | Current          |
| 38              | 0% Concentration Reduction, 95% Source Duration | DCE                | Current          |
| 39              | 0% Concentration Reduction, 95% Source Duration | VC                 | Current          |
| 40              | 0% Concentration Reduction, 50% Source Duration | TCE                | Future           |
| 41              | 0% Concentration Reduction, 50% Source Duration | DCE                | Future           |

|                 |  | <b>Contaminant</b> | <b>Condition</b> |
|-----------------|--|--------------------|------------------|
| <b>Appendix</b> | <b>Description</b>                               |                    |                  |
| 42              | 0% Concentration Reduction, 50% Source Duration  | VC                 | Future           |
| 43              | 0% Concentration Reduction, 75% Source Duration  | TCE                | Future           |
| 44              | 0% Concentration Reduction, 75% Source Duration  | DCE                | Future           |
| 45              | 0% Concentration Reduction, 75% Source Duration  | VC                 | Future           |
| 46              | 0% Concentration Reduction, 95% Source Duration  | TCE                | Future           |
| 47              | 0% Concentration Reduction, 95% Source Duration  | DCE                | Future           |
| 48              | 0% Concentration Reduction, 95% Source Duration  | VC                 | Future           |
| 49              | 50% Concentration Reduction, 50% Source Duration | TCE                | Current          |
| 50              | 50% Concentration Reduction, 50% Source Duration | DCE                | Current          |
| 51              | 50% Concentration Reduction, 50% Source Duration | VC                 | Current          |
| 52              | 75% Concentration Reduction, 75% Source Duration | TCE                | Current          |
| 53              | 75% Concentration Reduction, 75% Source Duration | DCE                | Current          |
| 54              | 75% Concentration Reduction, 75% Source Duration | VC                 | Current          |
| 55              | 95% Concentration Reduction, 95% Source Duration | TCE                | Current          |
| 56              | 95% Concentration Reduction, 95% Source Duration | DCE                | Current          |
| 57              | 95% Concentration Reduction, 95% Source Duration | VC                 | Current          |
| 58              | 50% Concentration Reduction, 50% Source Duration | TCE                | Future           |
| 59              | 50% Concentration Reduction, 50% Source Duration | DCE                | Future           |
| 60              | 50% Concentration Reduction, 50% Source Duration | VC                 | Future           |
| 61              | 75% Concentration Reduction, 75% Source Duration | TCE                | Future           |
| 62              | 75% Concentration Reduction, 75% Source Duration | DCE                | Future           |
| 63              | 75% Concentration Reduction, 75% Source Duration | VC                 | Future           |
| 64              | 95% Concentration Reduction, 95% Source Duration | TCE                | Future           |
| 65              | 95% Concentration Reduction, 95% Source Duration | DCE                | Future           |
| 66              | 95% Concentration Reduction, 95% Source Duration | VC                 | Future           |

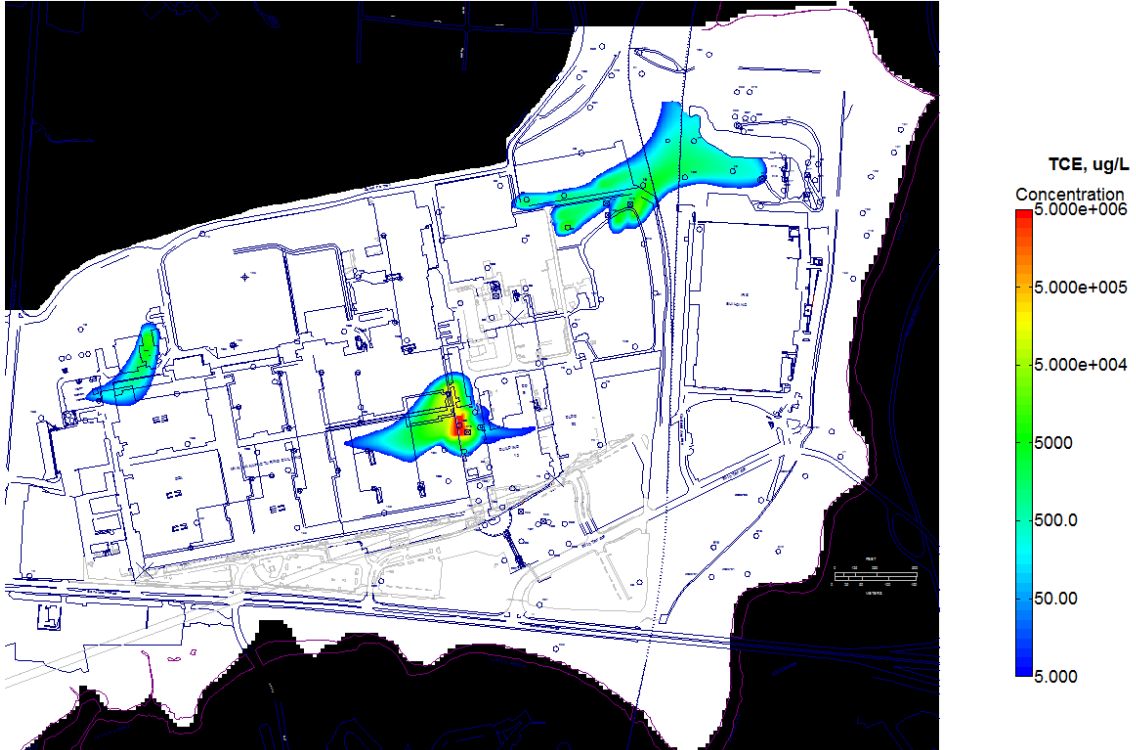
## **Appendix 1: Plumes – TCE, Current Conditions, No Source Reduction Simulations**

Current Conditions, No Source Reduction



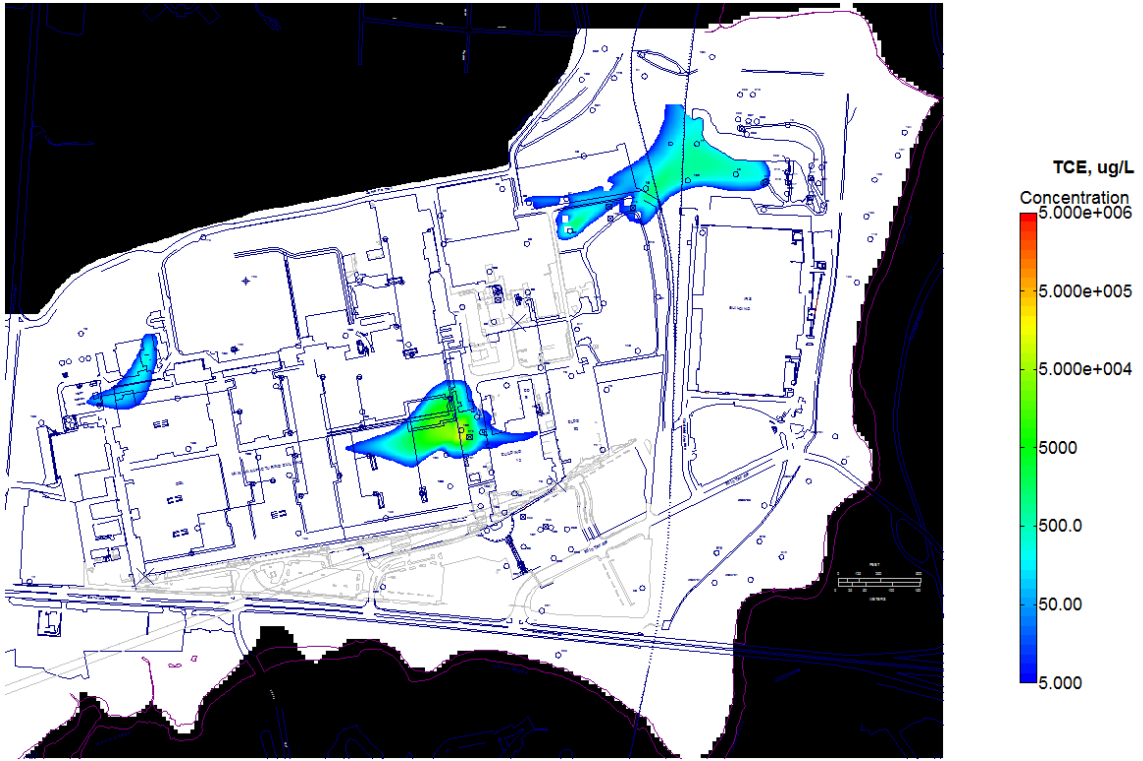


Current Conditions: Initial TCE Concentrations



Current Conditions: TCE, Years 1 through 250, source active

Current Conditions, No Source Reduction



Current Conditions: TCE, Year 251, 1 year after complete source dilution



Current Conditions: TCE, Year 252, 2 years after complete source dilution

Current Conditions, No Source Reduction



Current Conditions: TCE, Year 253, 3 years after complete source dilution



Current Conditions: TCE, Year 254, 4 years after complete source dilution

Current Conditions, No Source Reduction



Current Conditions: TCE, Year 255, 5 years after complete source dilution



Current Conditions: TCE, Year 256, 6 years after complete source dilution

Current Conditions, No Source Reduction



Current Conditions: TCE, Year 257, 7 years after complete source dilution



Current Conditions: TCE, Year 258, 8 years after complete source dilution

Current Conditions, No Source Reduction



Current Conditions: TCE, Year 259, 9 years after complete source dilution



Current Conditions: TCE, Year 260, 10 years after complete source dilution

Current Conditions, No Source Reduction

## **Appendix 2: Plumes – DCE, Current Conditions, No Source Reduction Simulations**

Current Conditions, No Source Reduction





Current Conditions: Initial DCE Concentrations



Current Conditions: DCE, Years 1 through 250, constant source  
Current Conditions, No Source Reduction



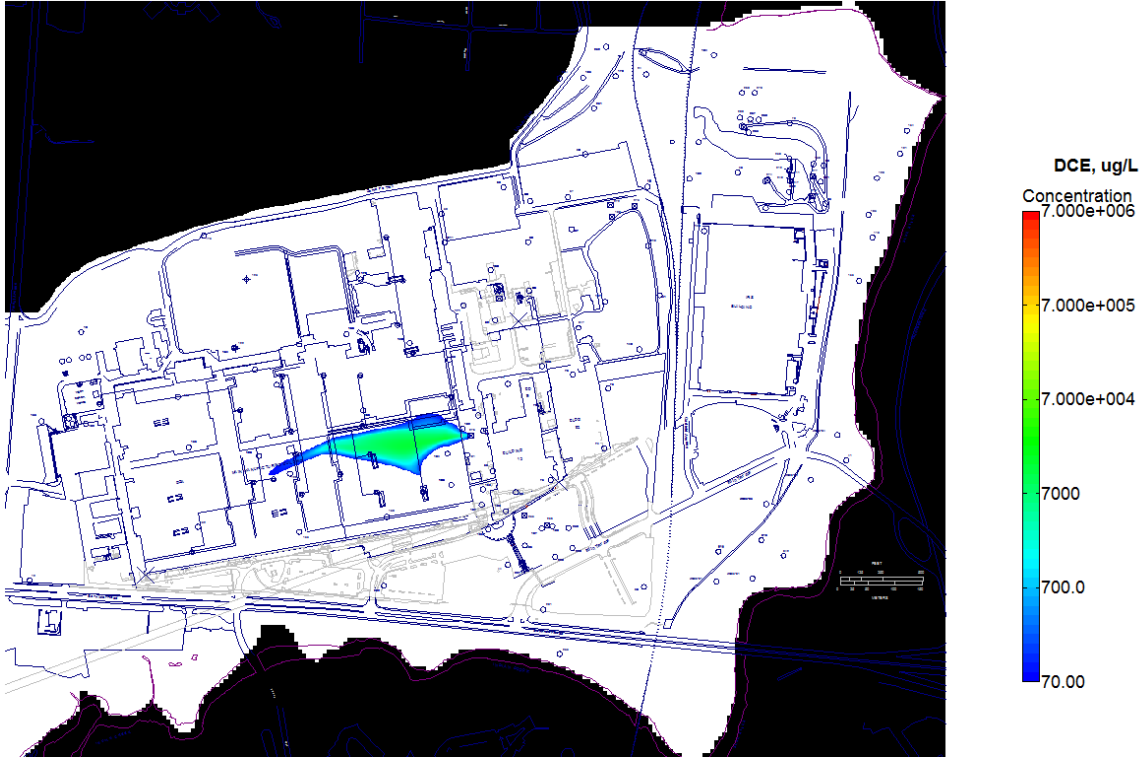


Current Conditions: DCE, Year 255, 5 years after complete source dilution



Current Conditions: DCE, Year 260, 10 years after complete source dilution

Current Conditions, No Source Reduction



Current Conditions: DCE, Year 270, 20 years after complete source dilution



Current Conditions: DCE, Year 280, 30 years after complete source dilution

Current Conditions, No Source Reduction



Current Conditions: DCE, Year 290, 40 years after complete source dilution



Current Conditions: DCE, Year 300, 50 years after complete source dilution

Current Conditions, No Source Reduction



Current Conditions: DCE, Year 310, 60 years after complete source dilution

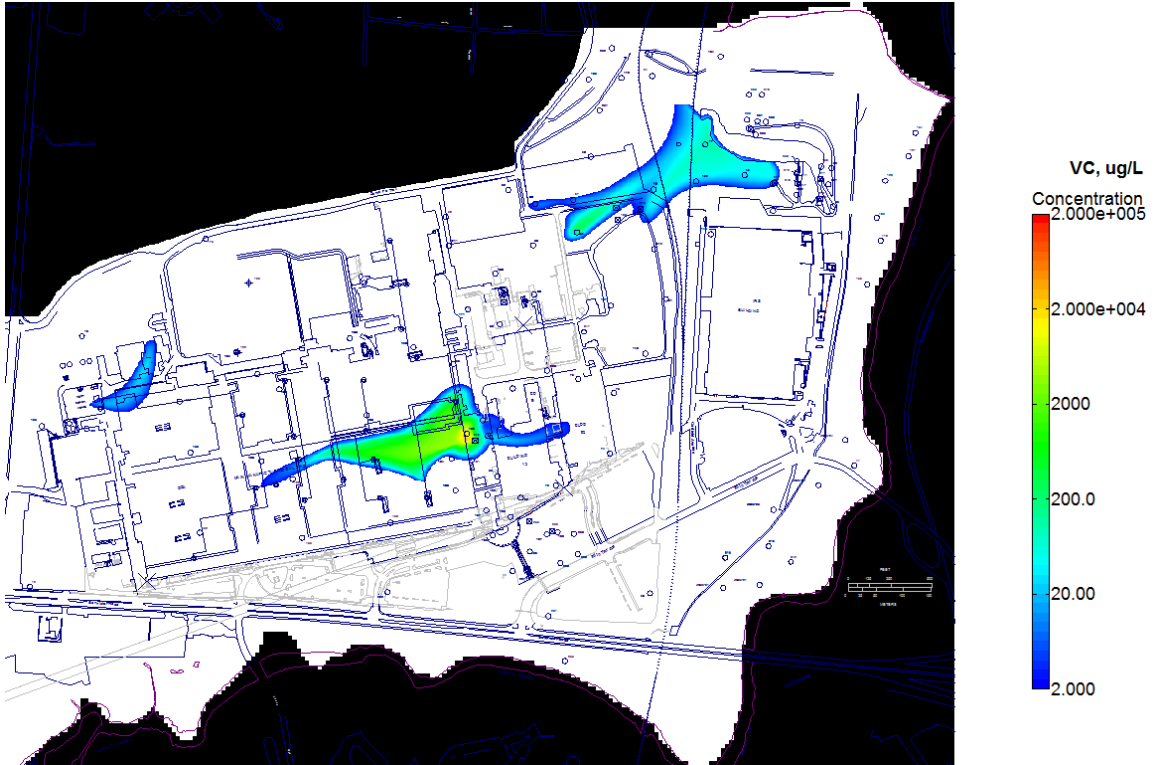


Current Conditions: DCE, Year 320, 70 years after complete source dilution

Current Conditions, No Source Reduction

## **Appendix 3: Plumes – VC, Current Conditions, No Source Reduction Simulations**

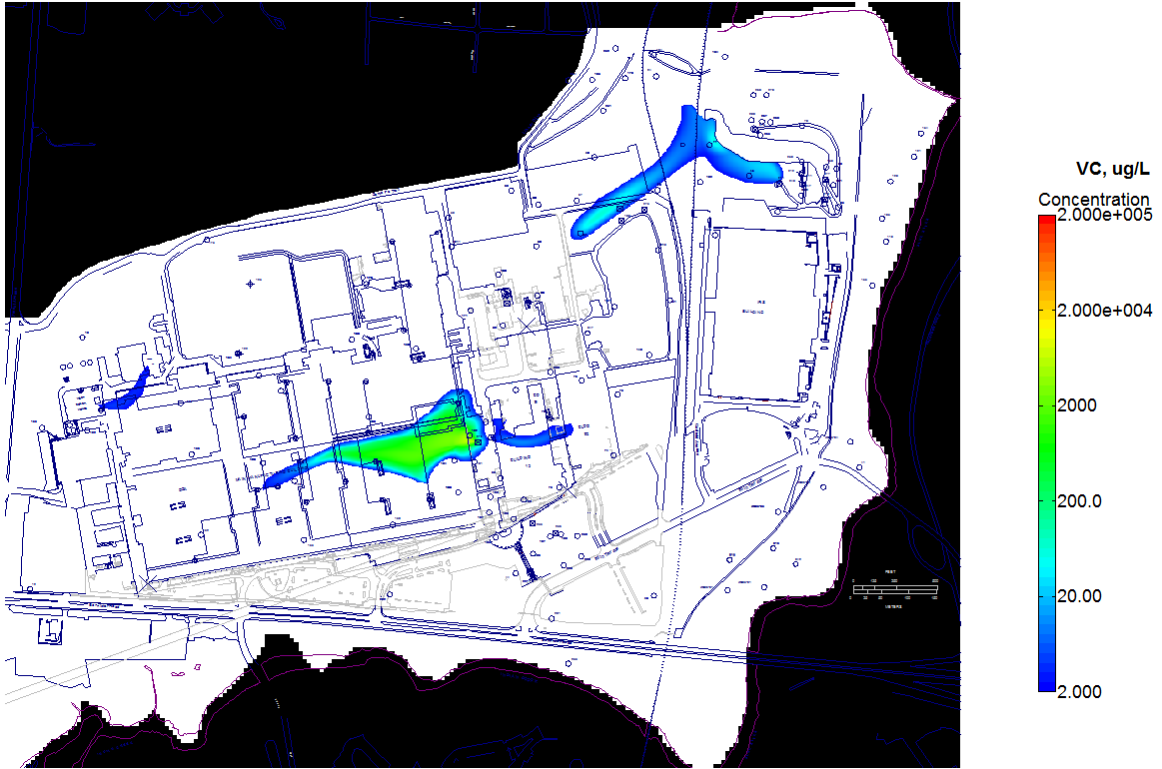
Current Conditions, No Source Reduction



Current Conditions: Initial VC Concentrations



Current Conditions: VC, Years 1 through 250, constant source  
 Current Conditions, No Source Reduction



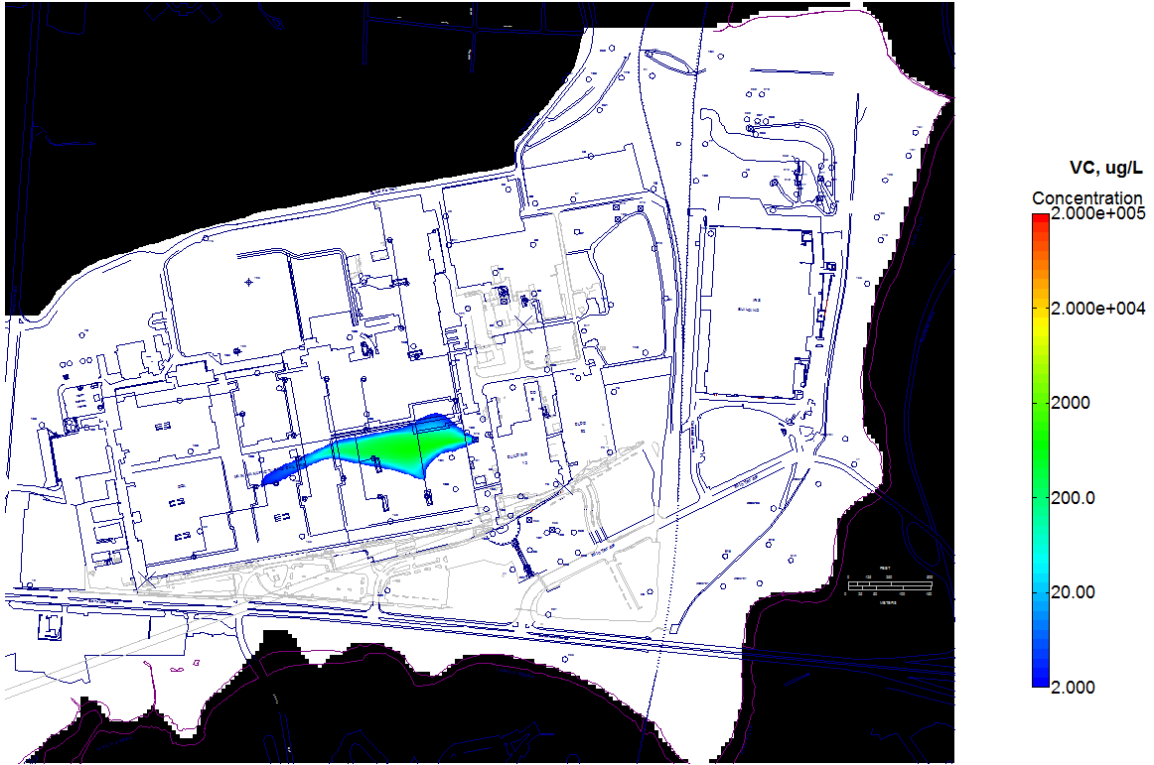
Current Conditions: VC, Year 255, 5 years after complete source dilution



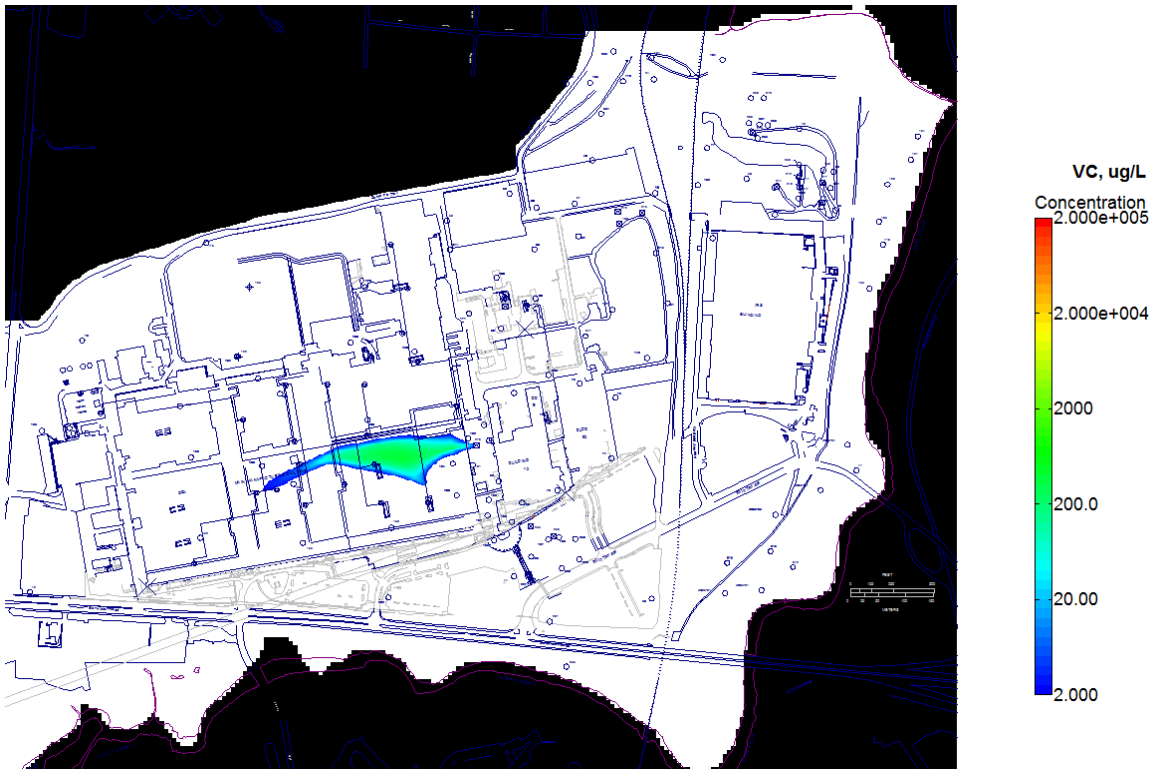
Current Conditions: VC, Year 260, 10 years after complete source dilution

Current Conditions, No Source Reduction





Current Conditions: VC, Year 270, 20 years after complete source dilution



Current Conditions: VC, Year 280, 30 years after complete source dilution  
Current Conditions, No Source Reduction





Current Conditions: VC, Year 290, 40 years after complete source dilution



Current Conditions: VC, Year 300, 50 years after complete source dilution

Current Conditions, No Source Reduction



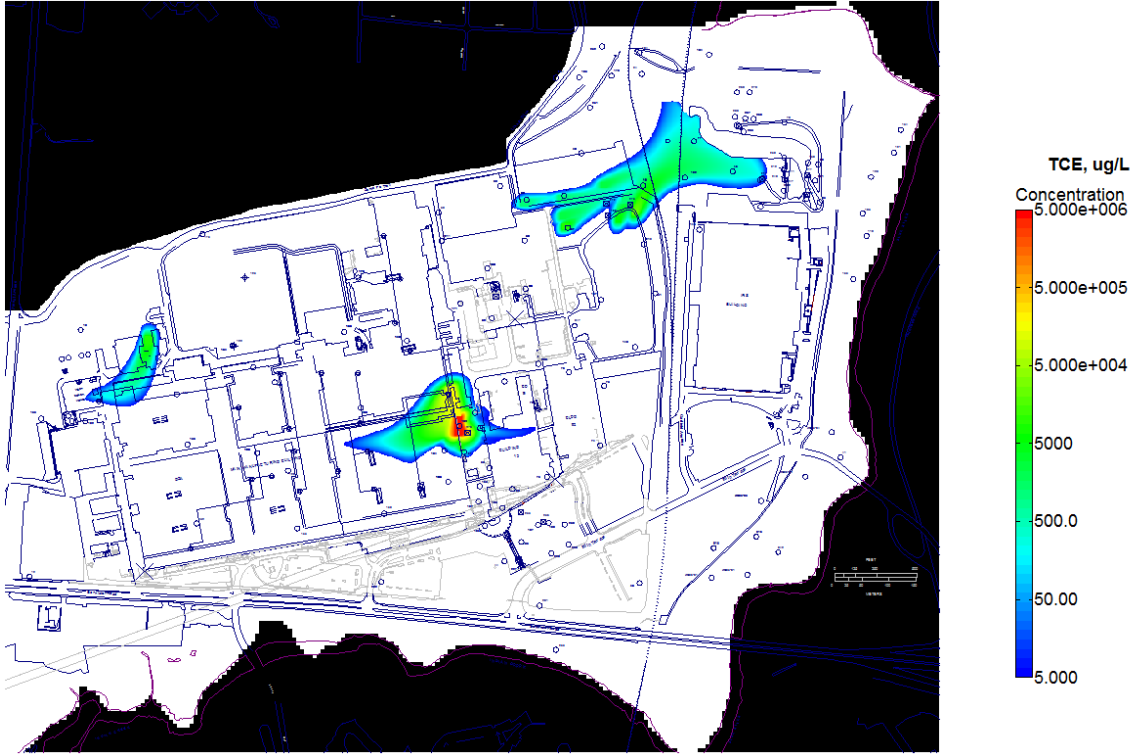
Current Conditions: VC, Year 310, 60 years after complete source dilution



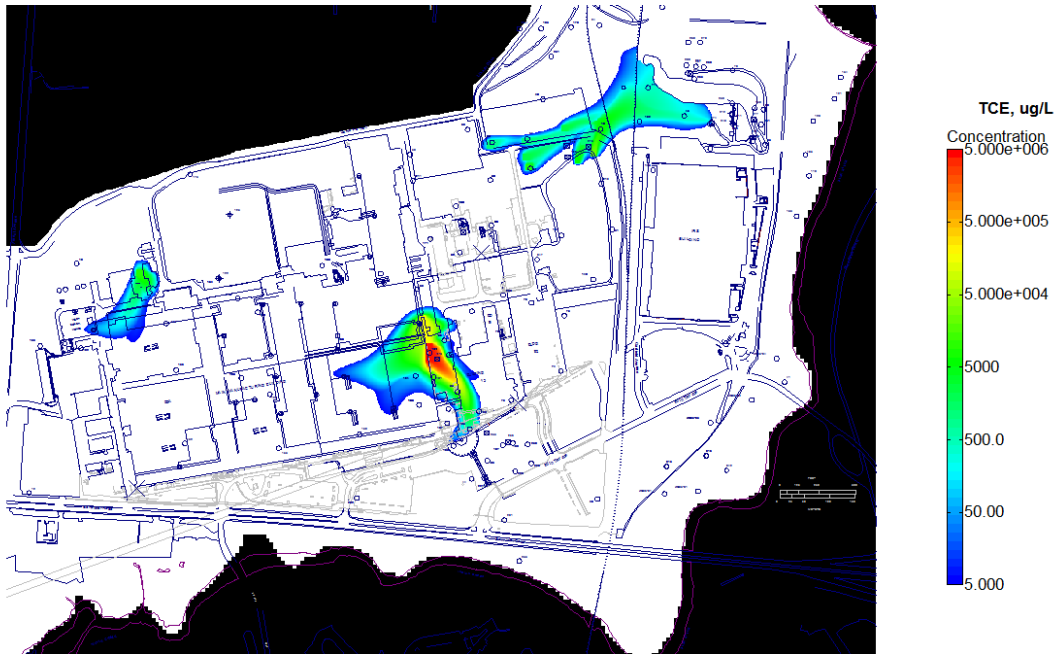
Current Conditions: VC, Year 320, 70 years after complete source dilution

Current Conditions, No Source Reduction

## **Appendix 4: Plumes – TCE, Future Conditions, No Source Reduction Simulations**

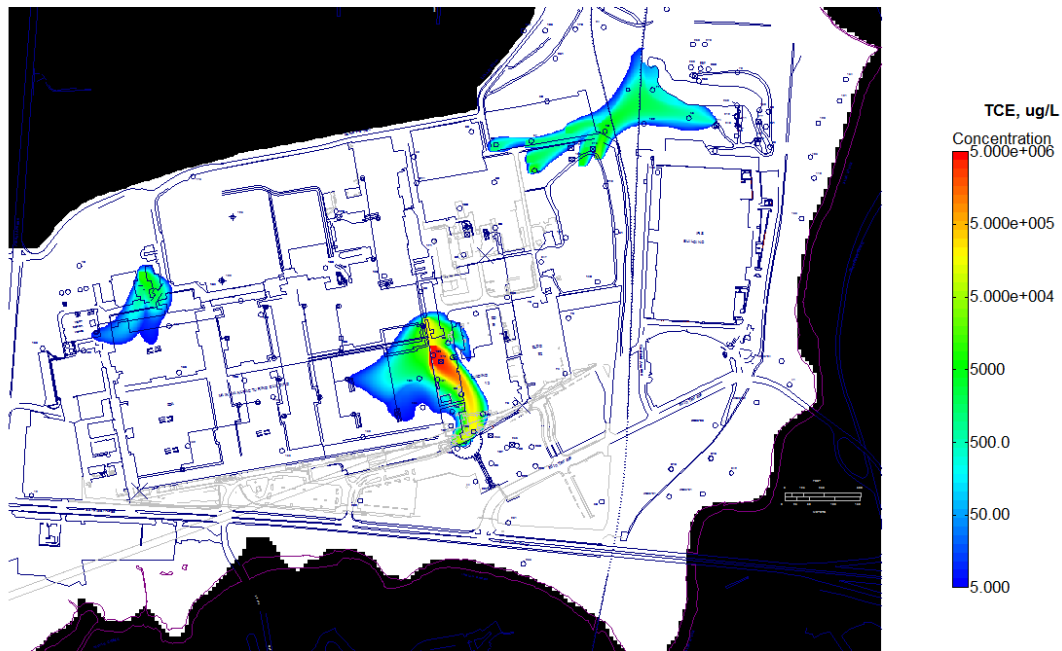


Future Conditions: Initial TCE Concentrations

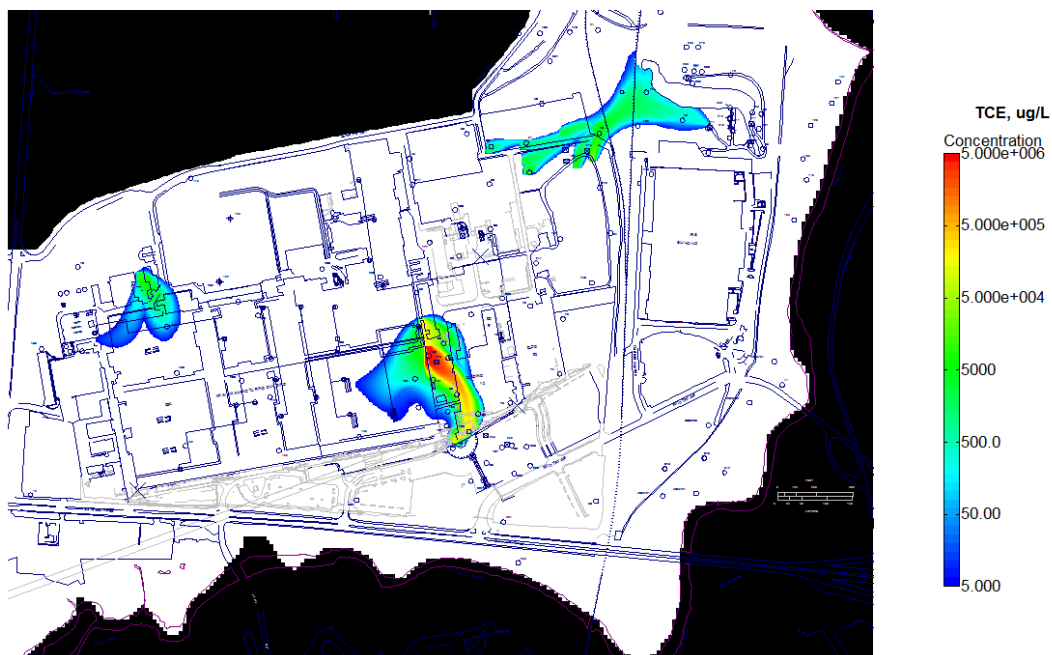


Future Conditions: TCE, Years 1, source active

Future Conditions, No Source Reduction

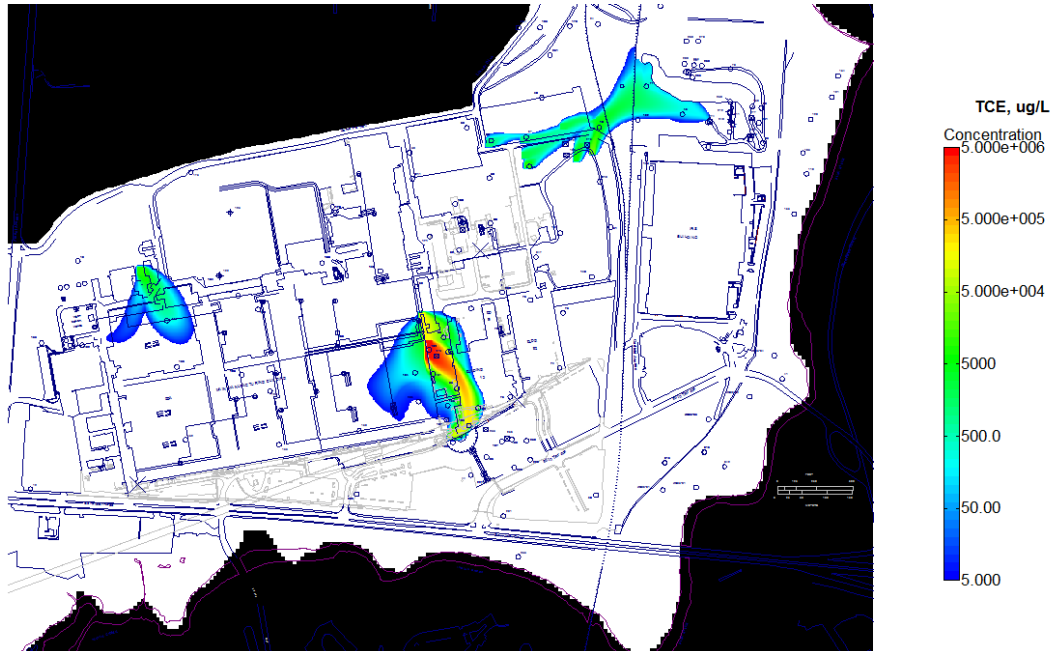


Future Conditions: TCE, Year 2, source active

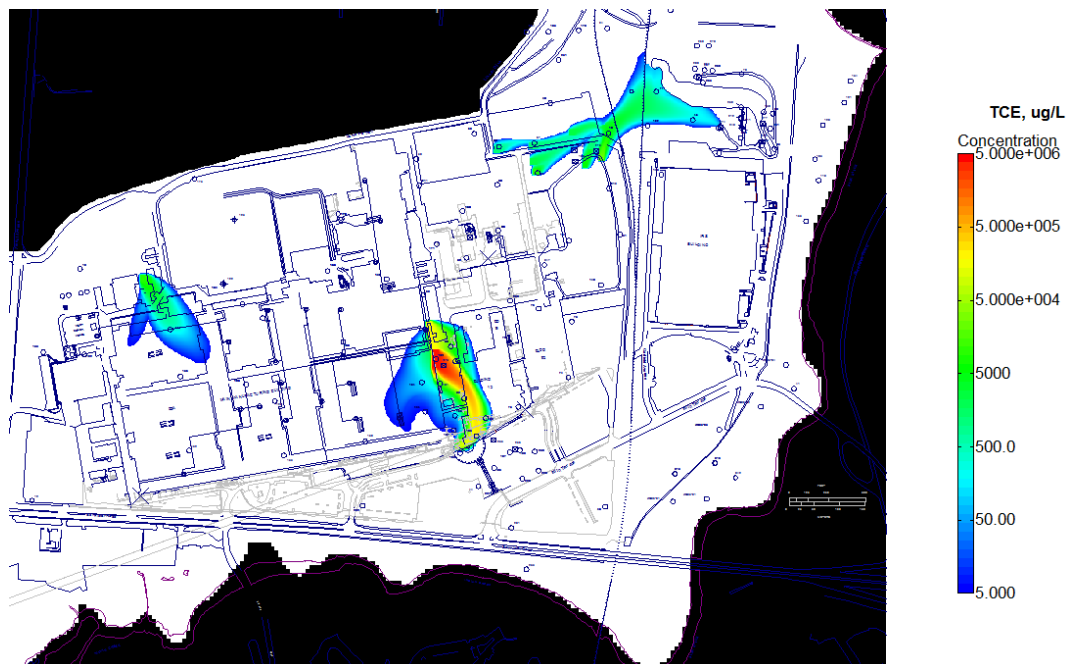


Future Conditions: TCE, Year 3, source active

Future Conditions, No Source Reduction

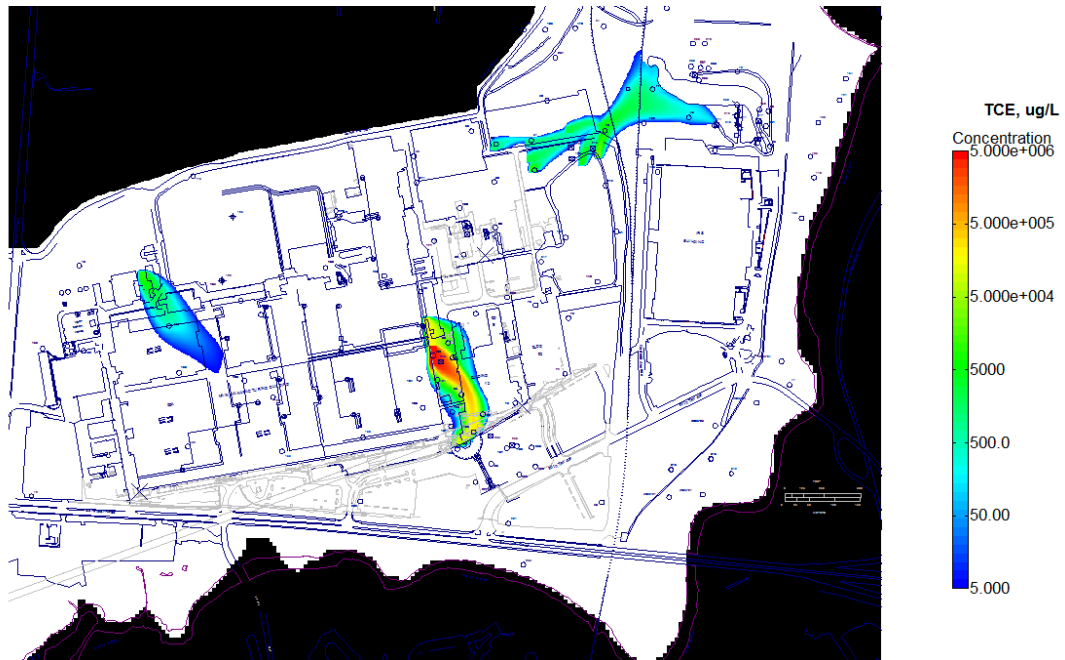


Future Conditions: TCE, Year 4, source active

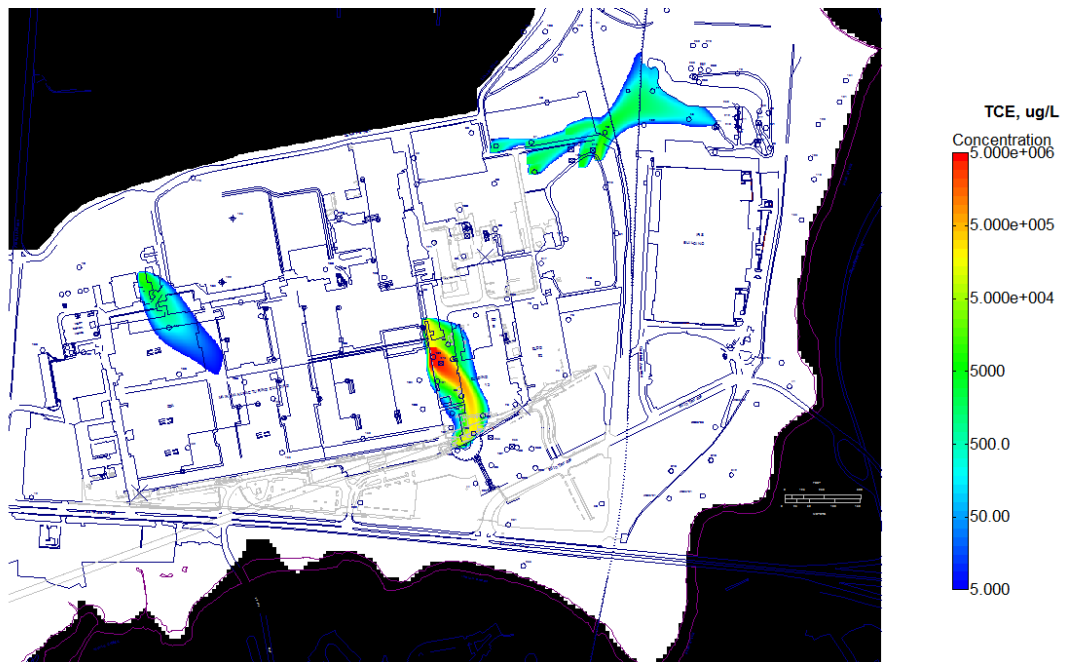


Future Conditions: TCE, Year 5, source active

Future Conditions, No Source Reduction



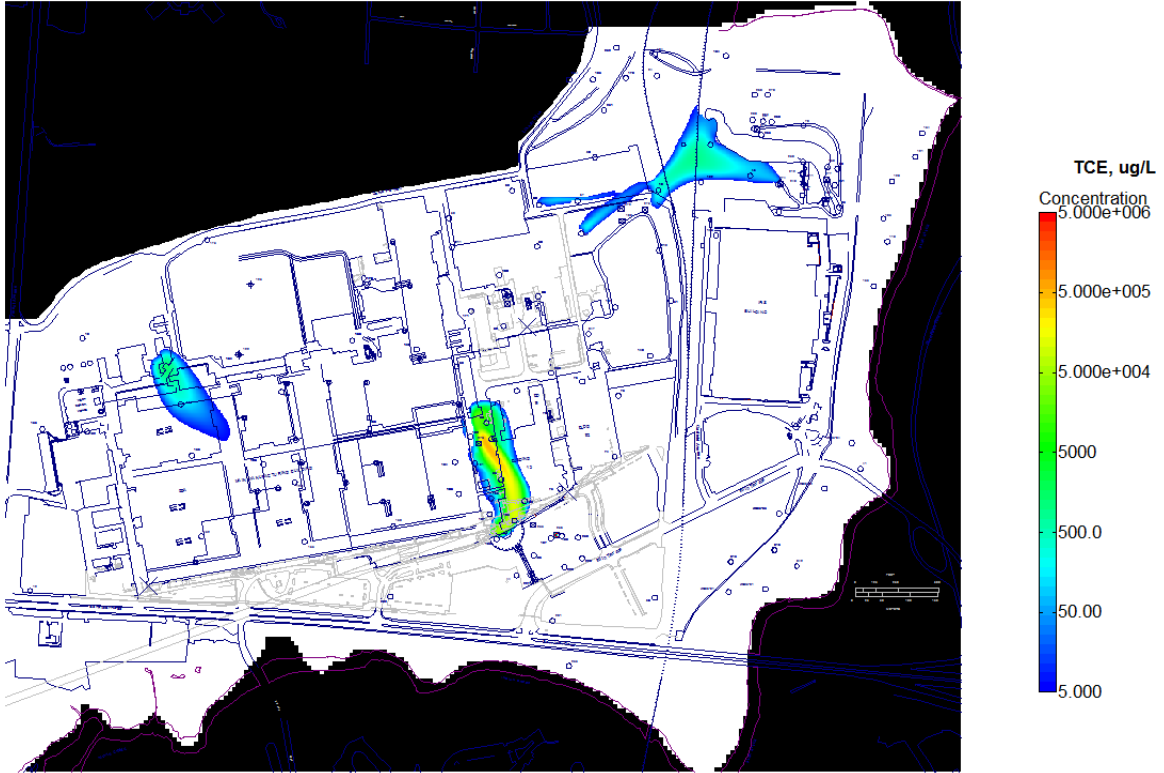
Future Conditions: TCE, Year 10, source active



Future Conditions: TCE, Years 21 through 250, source active

Future Conditions, No Source Reduction





Future Conditions: TCE, Year 251, 1 year after complete source dilution



Future Conditions: TCE, Year 252, 2 years after complete source dilution  
 Future Conditions, No Source Reduction





Future Conditions: TCE, Year 253, 3 years after complete source dilution



Future Conditions: TCE, Year 254, 4 years after complete source dilution  
Future Conditions, No Source Reduction

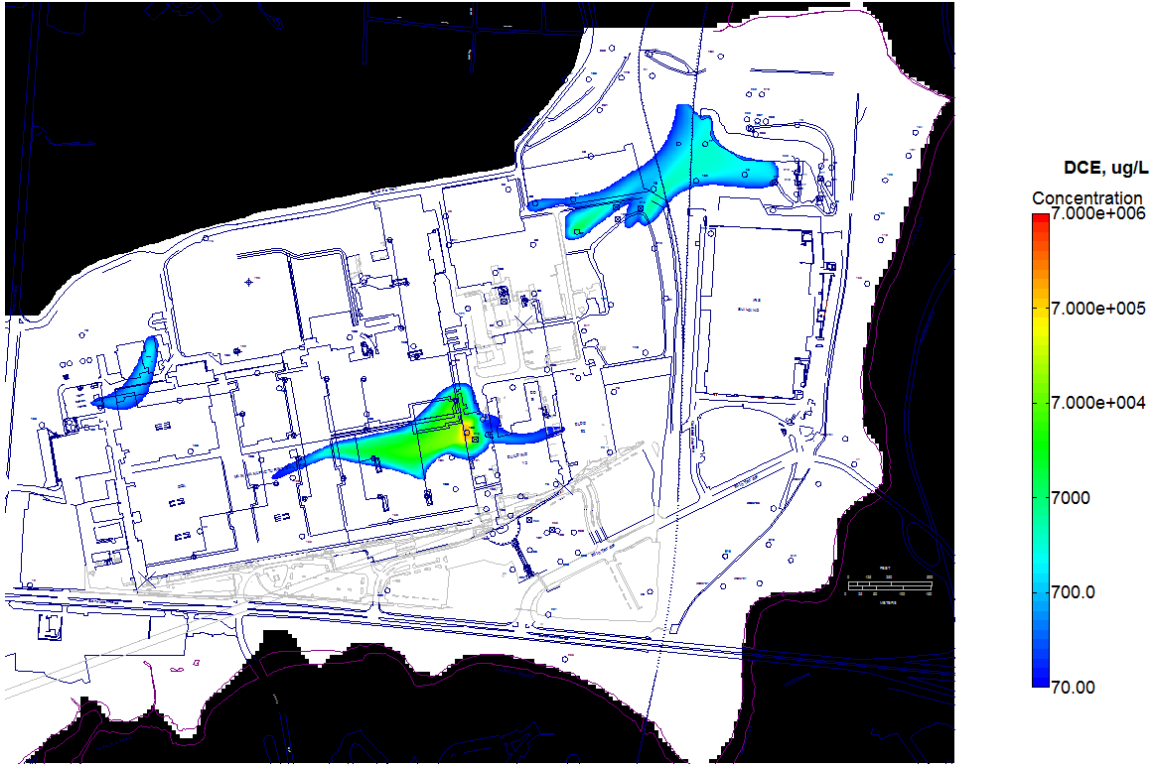


Future Conditions: TCE, Year 255, 5 years after complete source dilution

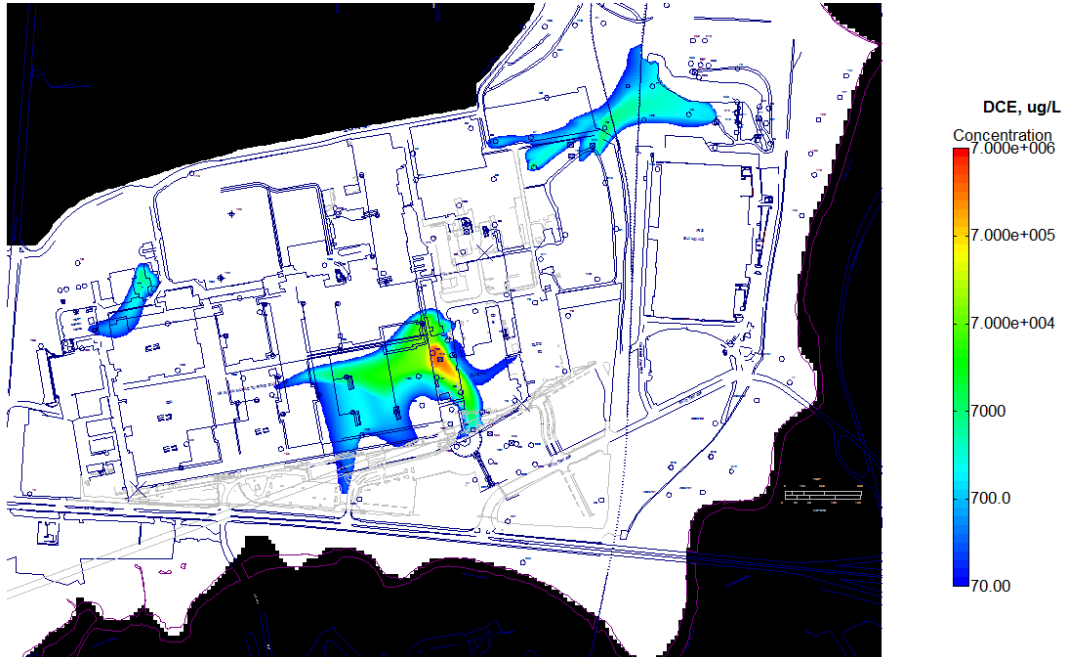


Future Conditions: TCE, Year 260, 10 years after complete source dilution  
Future Conditions, No Source Reduction

## **Appendix 5: Plumes – DCE, Future Conditions, No Source Reduction Simulations**

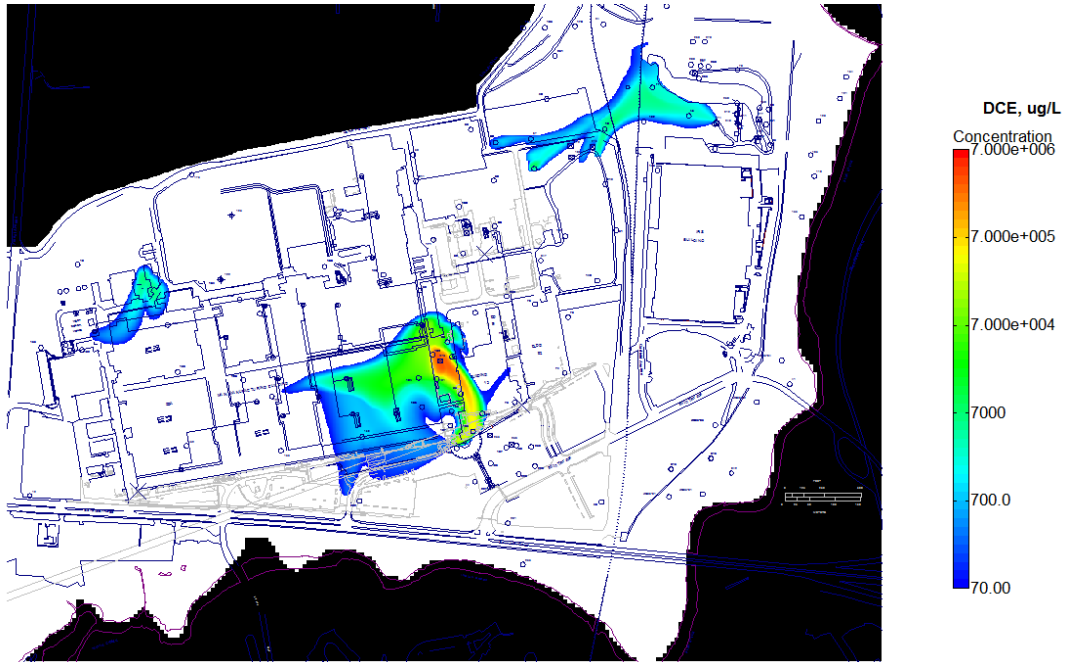


Future Conditions: Initial DCE Concentrations

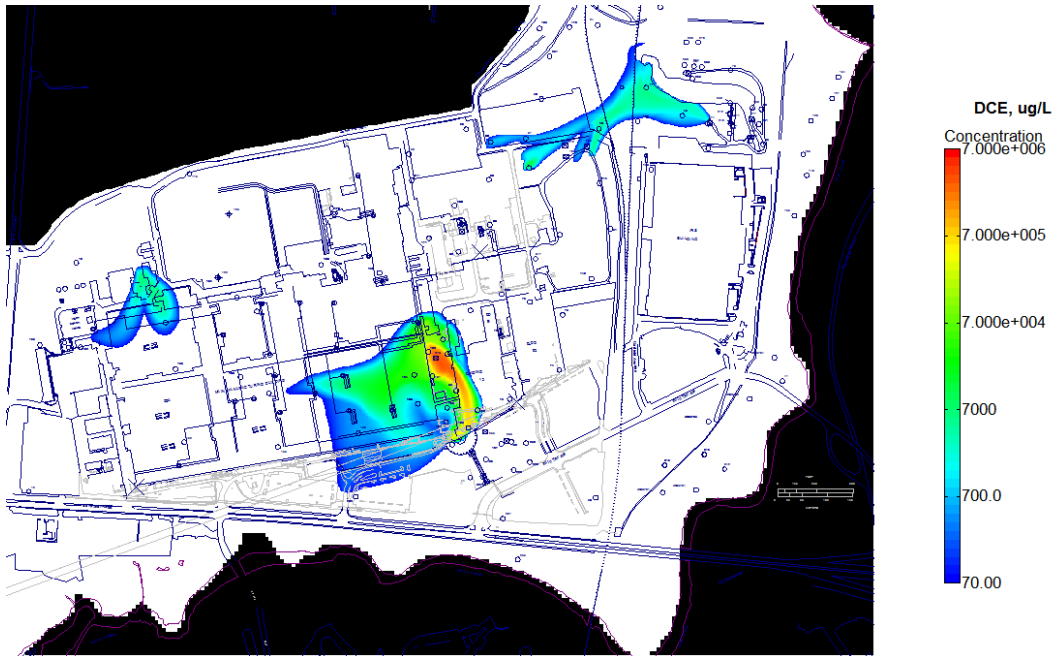


Future Conditions: DCE, Year 1, source active

Future Conditions, No Source Reduction

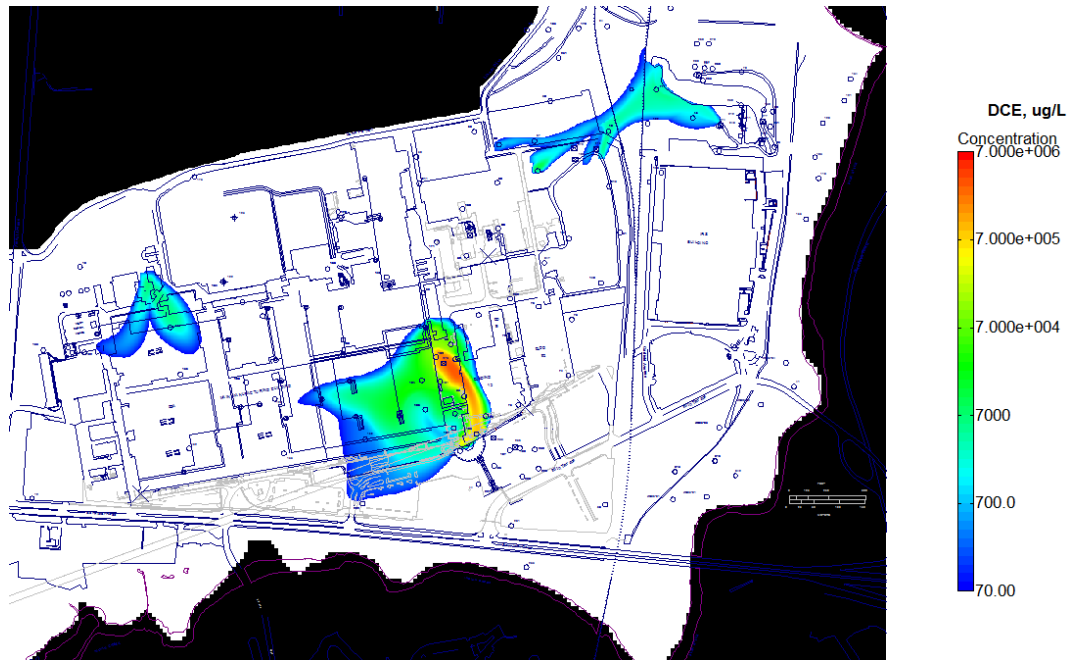


Future Conditions: DCE, Year 2, source active

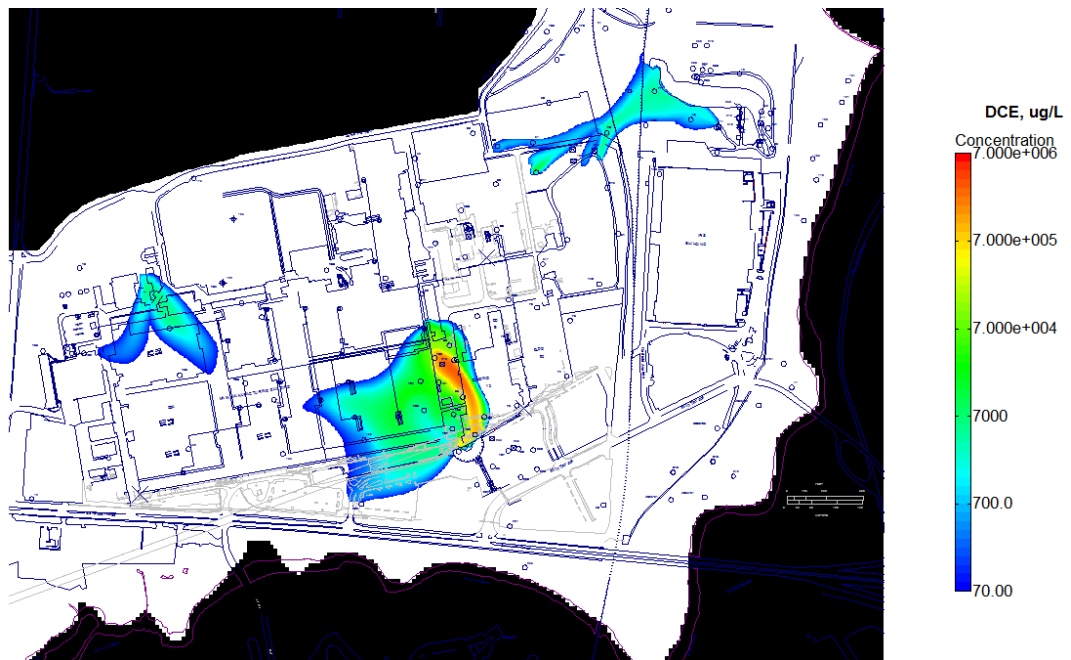


Future Conditions: DCE, Year 3, source active

Future Conditions, No Source Reduction

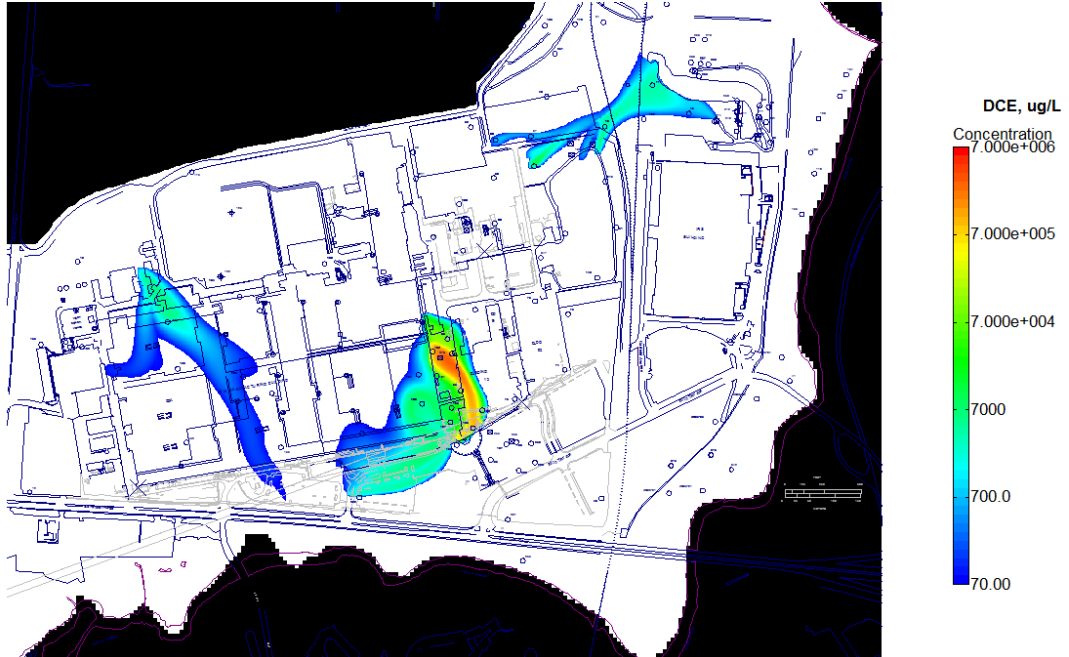


Future Conditions: DCE, Year 4, source active

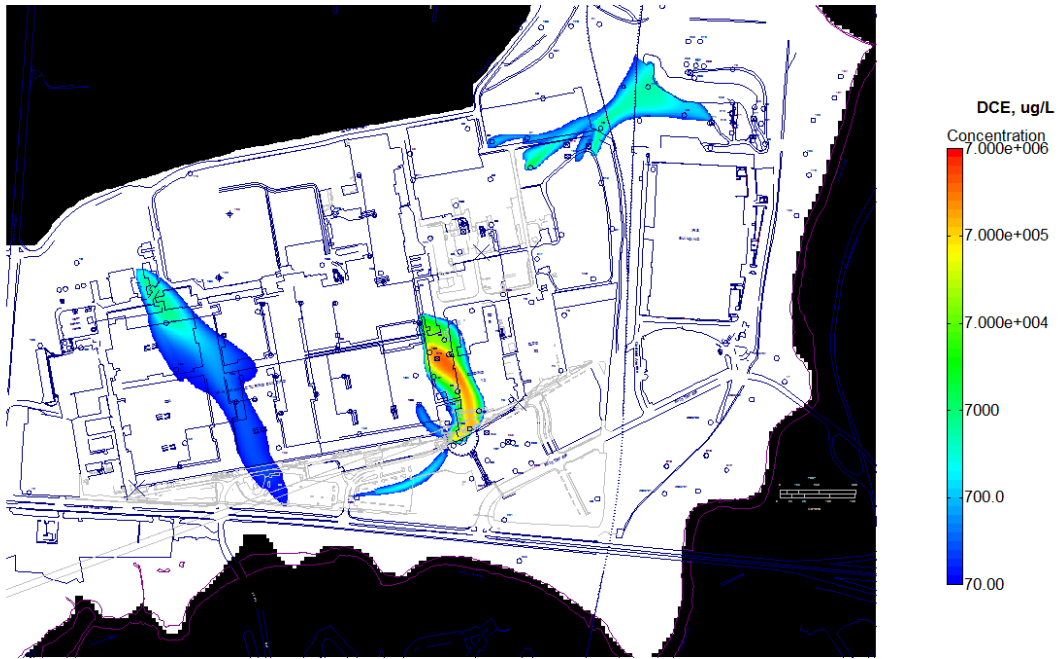


Future Conditions: DCE, Year 5, source active

Future Conditions, No Source Reduction



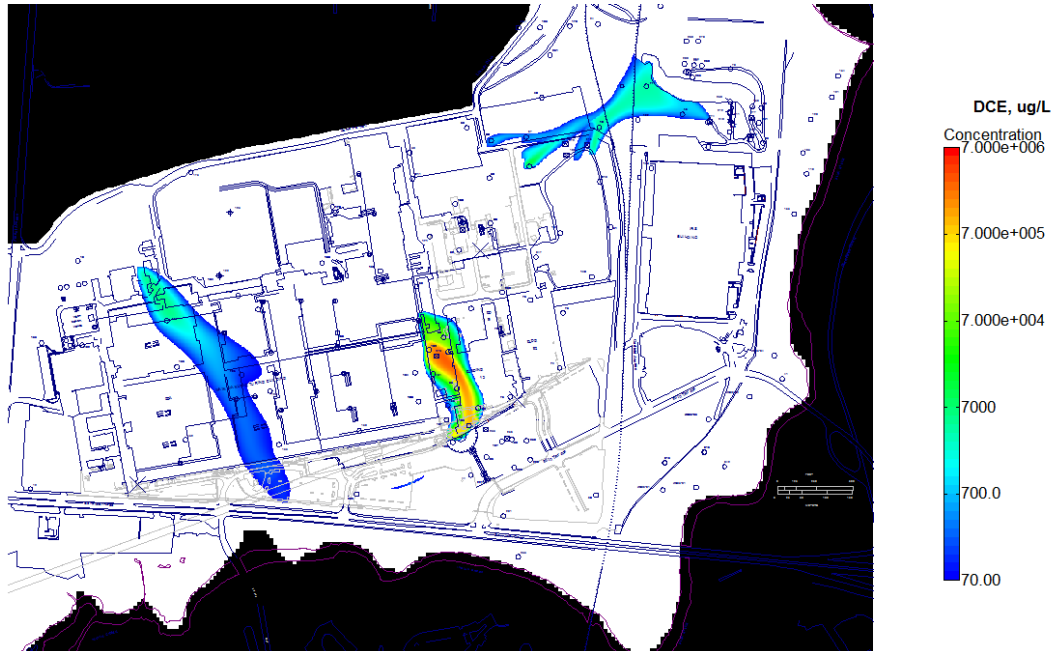
Future Conditions: DCE, Year 10, source active



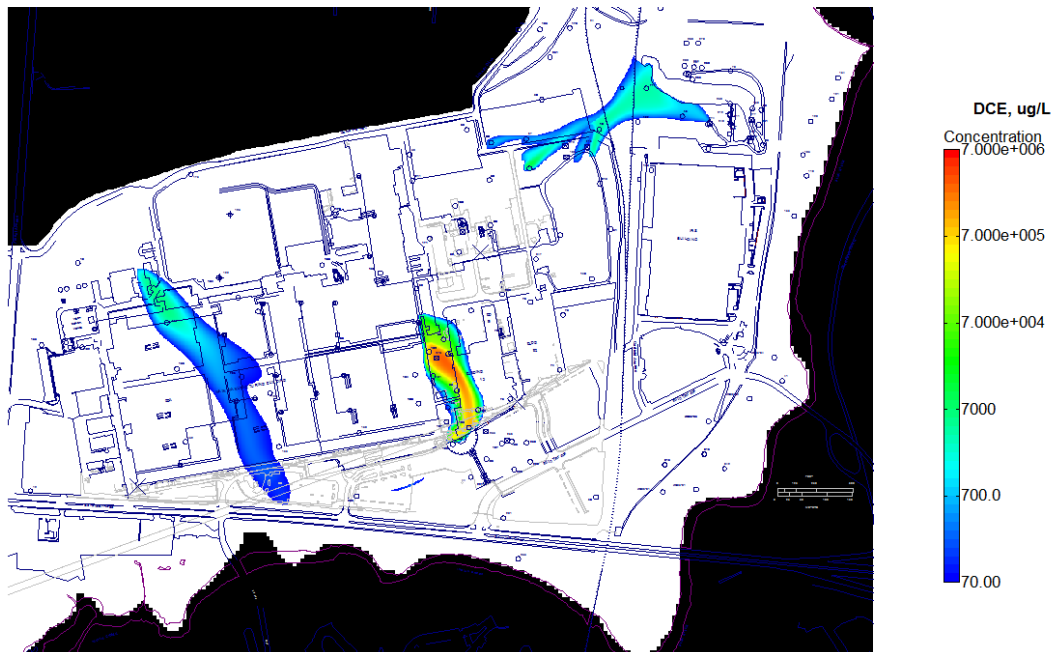
Future Conditions: DCE, Year 20, source active

Future Conditions, No Source Reduction





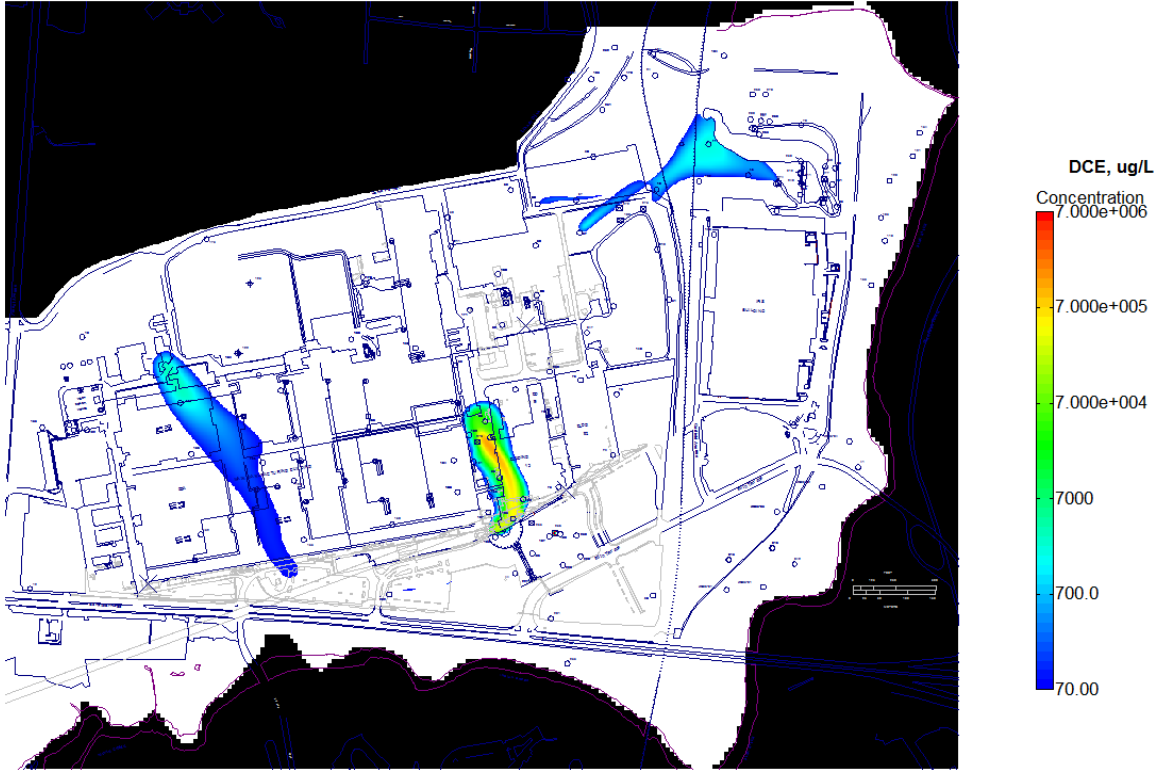
Future Conditions: DCE, Year 30, source active



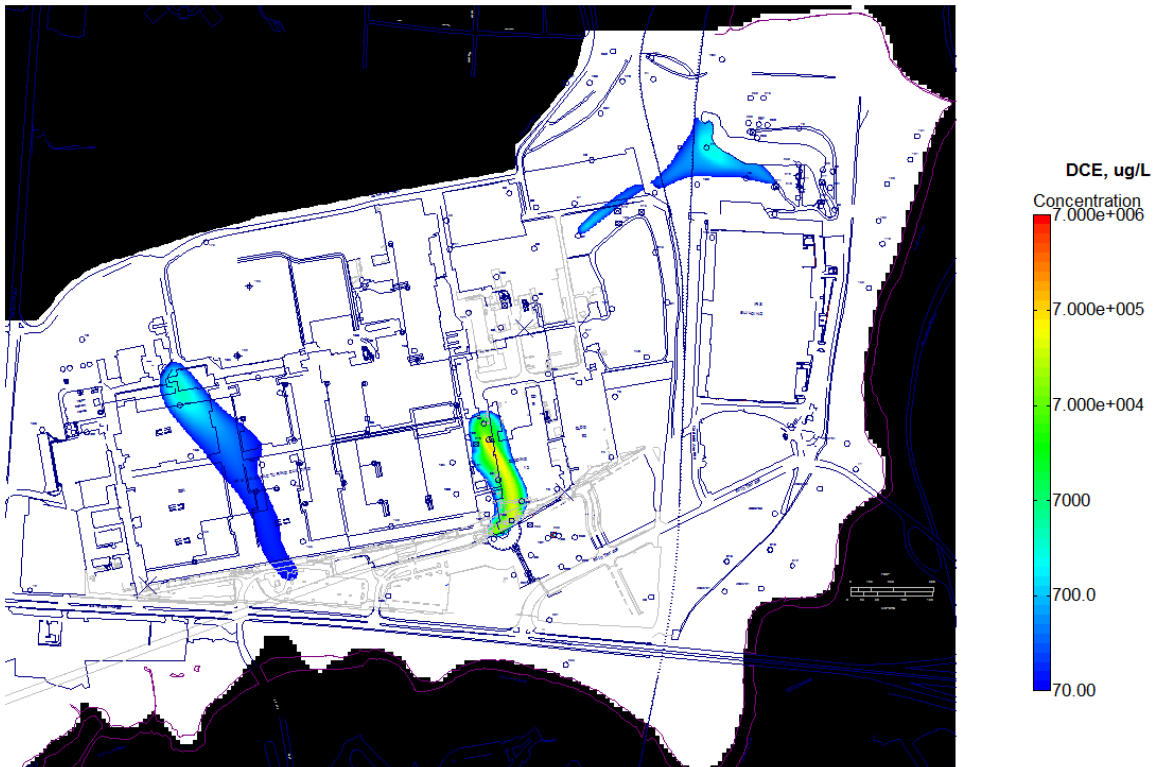
Future Conditions: DCE, Year 31 to 251, source active

Future Conditions, No Source Reduction

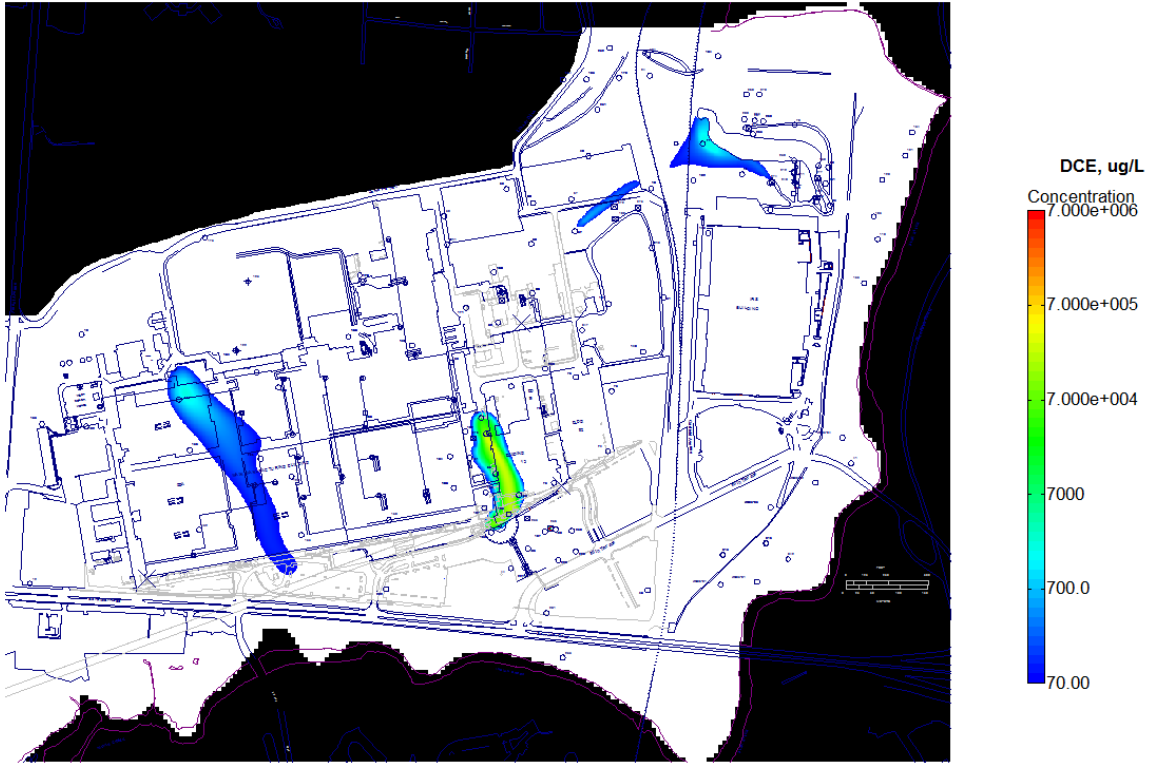




Future Conditions: DCE, Year 251, 1 year after complete source dilution



Future Conditions: DCE, Year 252, 2 years after complete source dilution  
Future Conditions, No Source Reduction



Future Conditions: DCE, Year 253, 3 years after complete source dilution



Future Conditions: DCE, Year 254, 4 years after complete source dilution  
Future Conditions, No Source Reduction



Future Conditions: DCE, Year 255, 5 years after complete source dilution



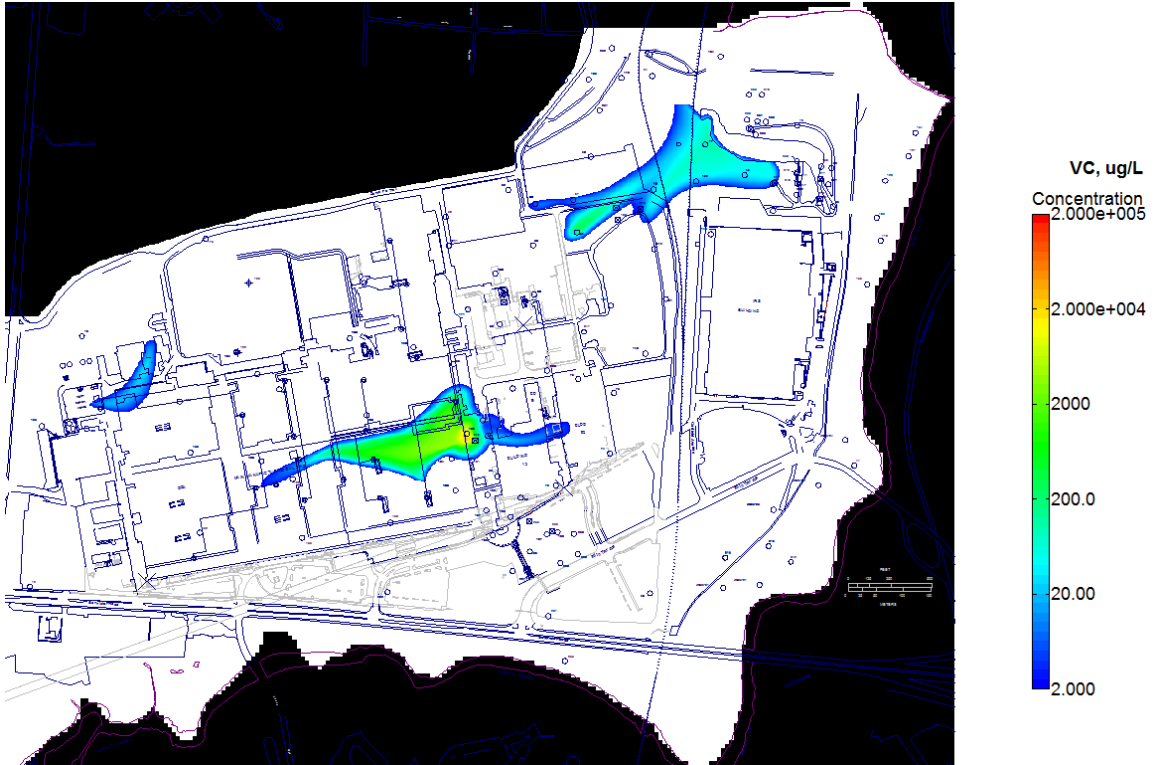
Future Conditions: DCE, Year 260, 10 years after complete source dilution  
Future Conditions, No Source Reduction



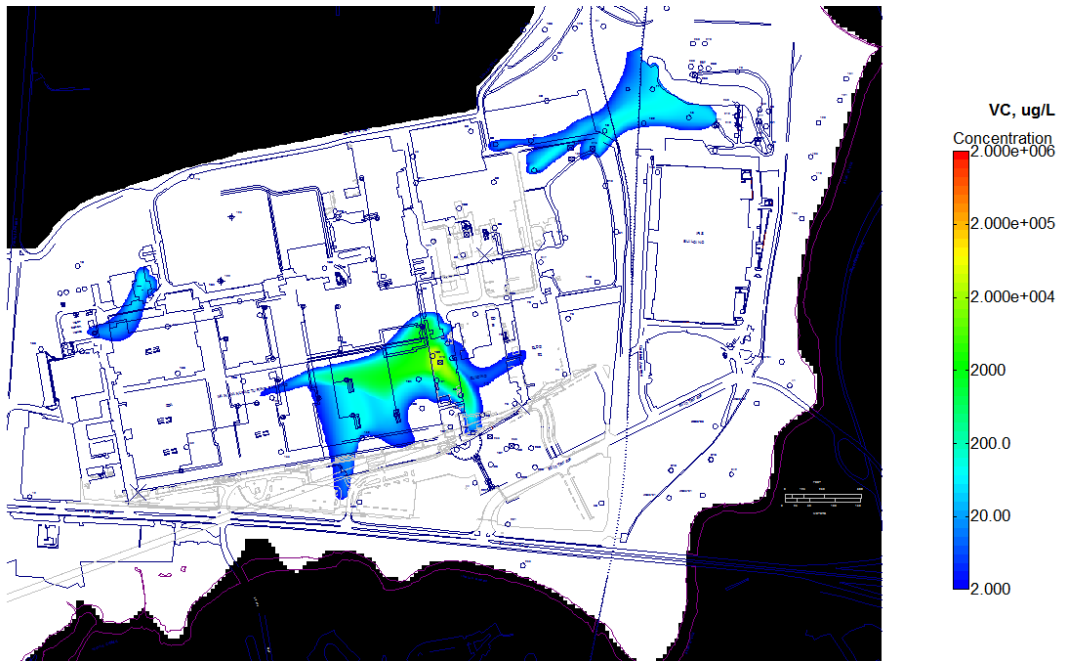
Future Conditions: DCE, Year 270, 20 years after complete source dilution

Future Conditions, No Source Reduction

## **Appendix 5: Plumes – VC, Future Conditions, No Source Reduction Simulations**

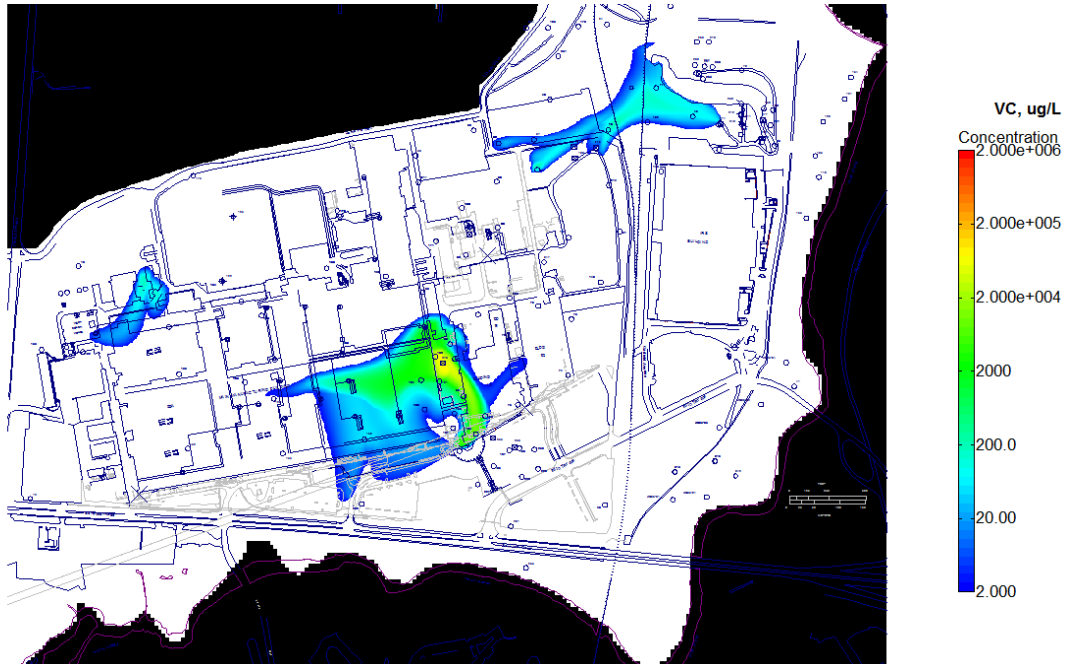


Future Conditions: Initial VC Concentrations

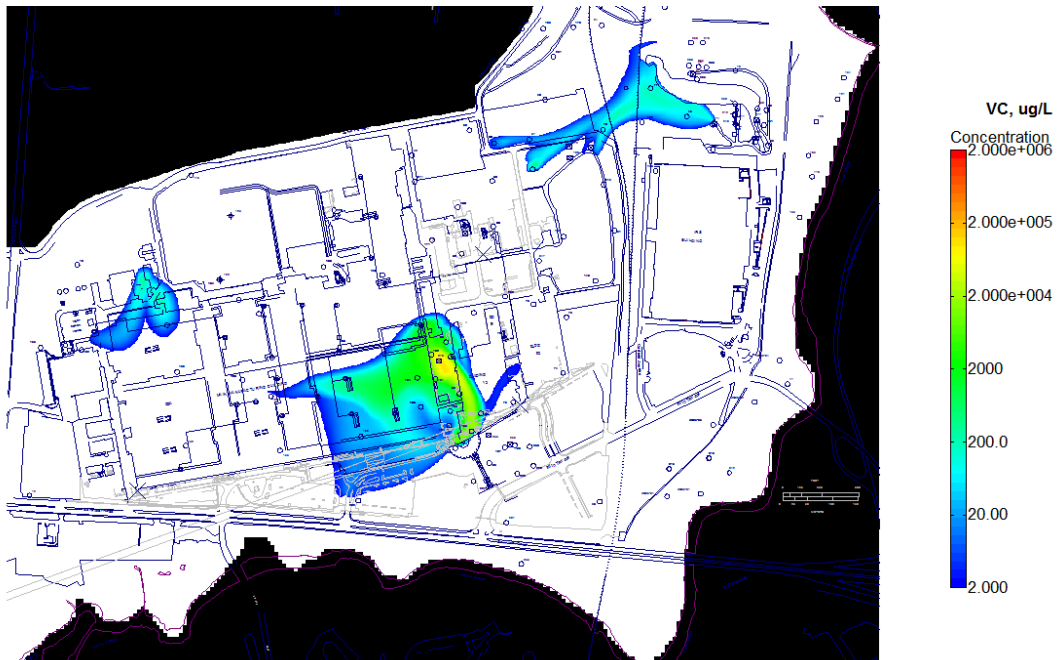


Future Conditions: VC, Year 1, source active

Future Conditions, No Source Reduction



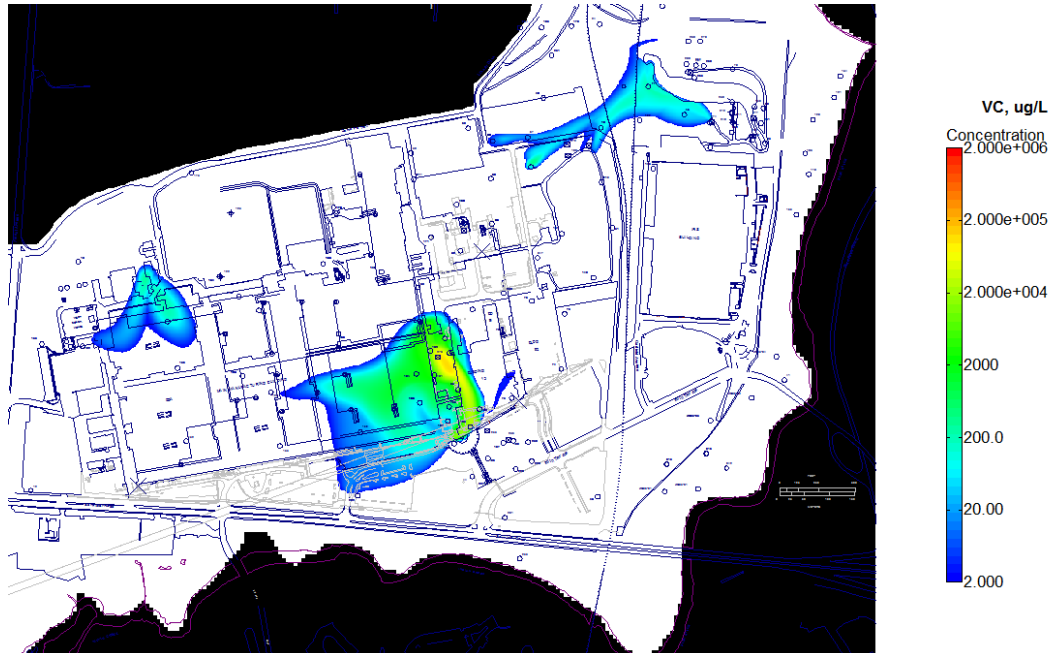
Future Conditions: VC, Year 2, source active



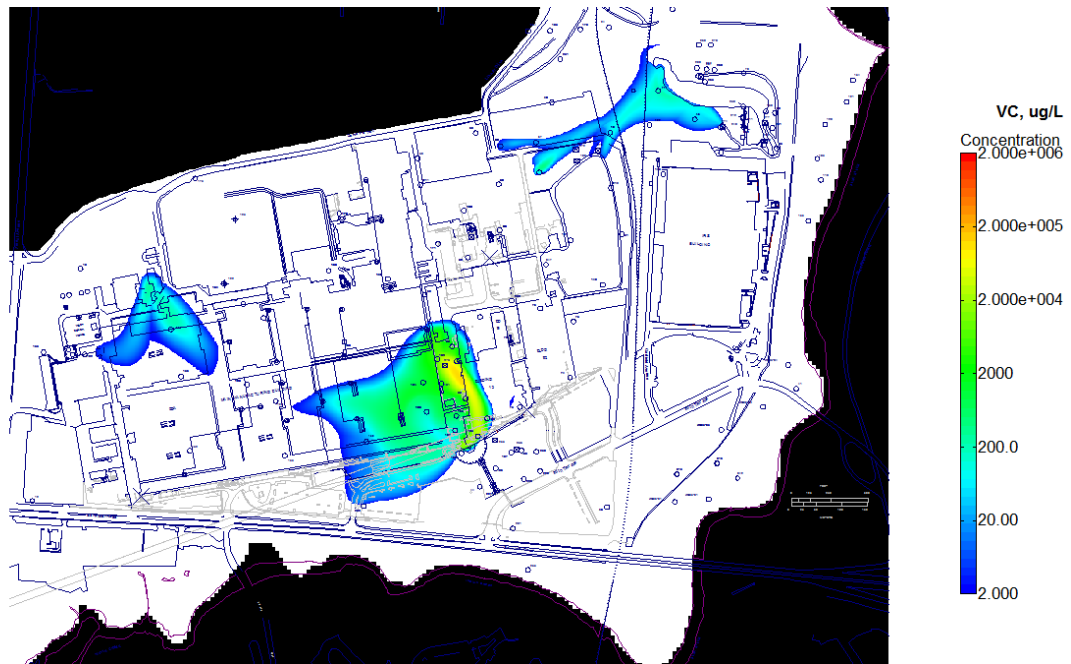
Future Conditions: VC, Year 3, source active

Future Conditions, No Source Reduction





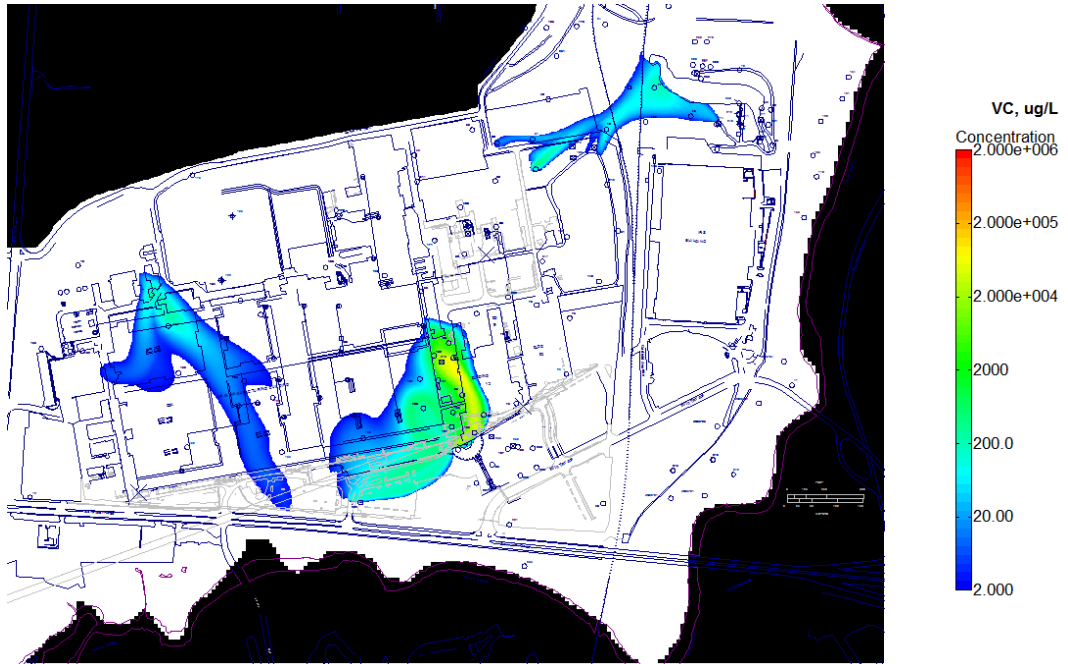
Future Conditions: VC, Year 4, source active



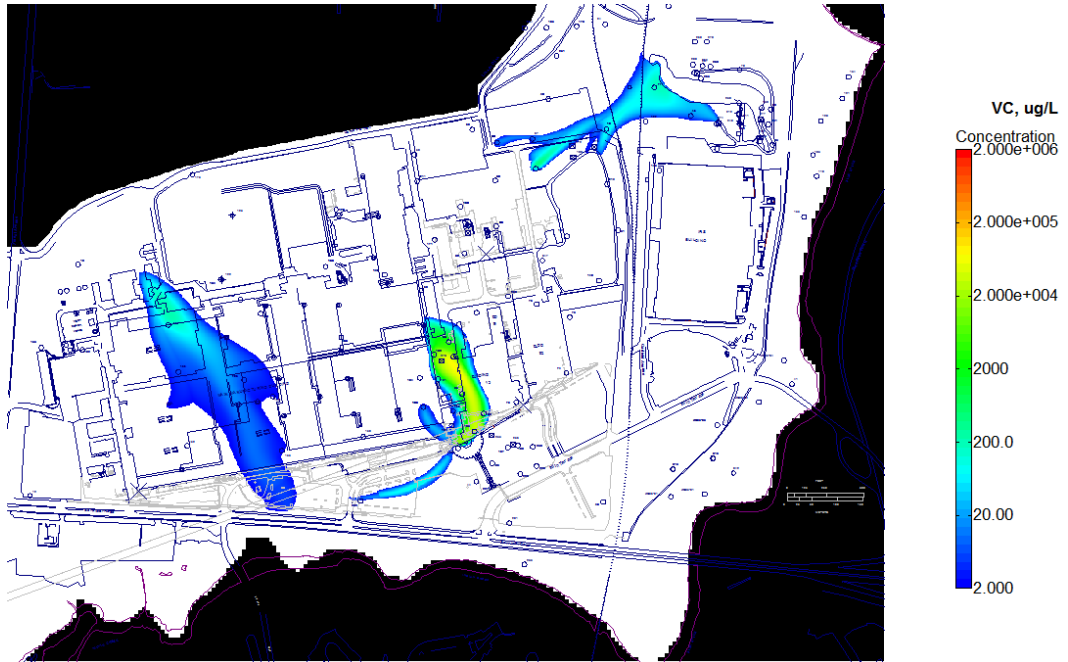
Future Conditions: VC, Year 5, source active

Future Conditions, No Source Reduction



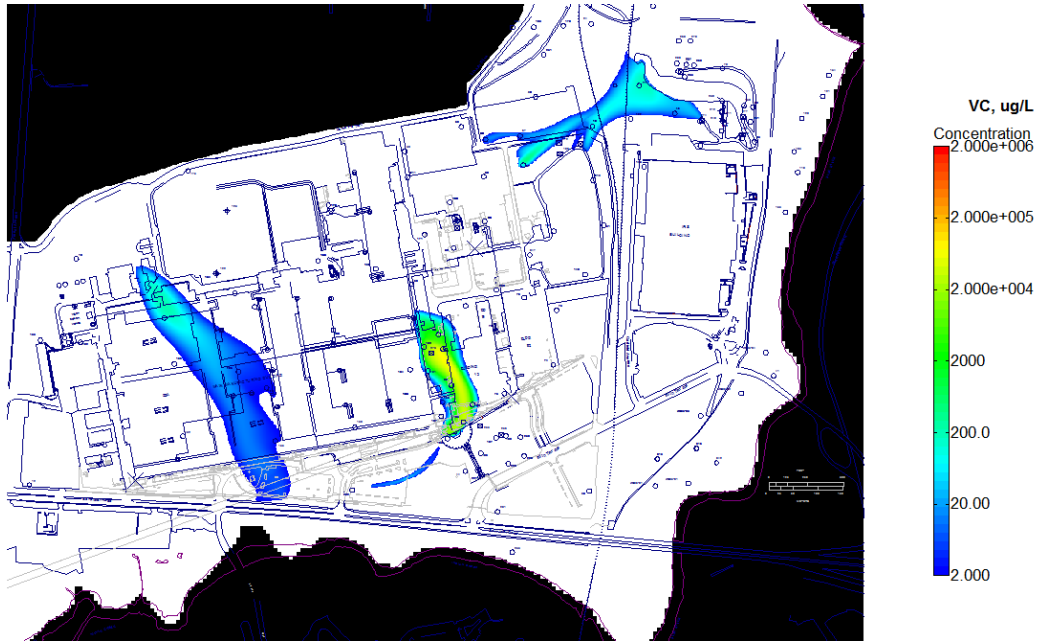


Future Conditions: VC, Year 10, source active

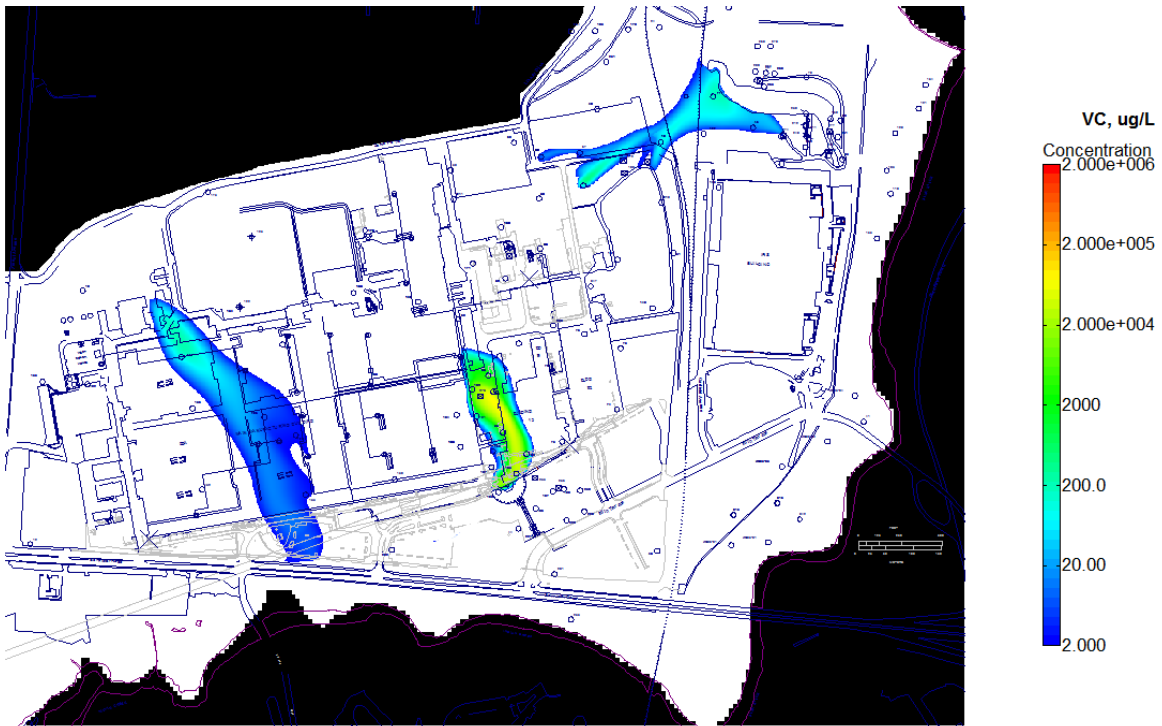


Future Conditions: VC, Year 20, source active

Future Conditions, No Source Reduction

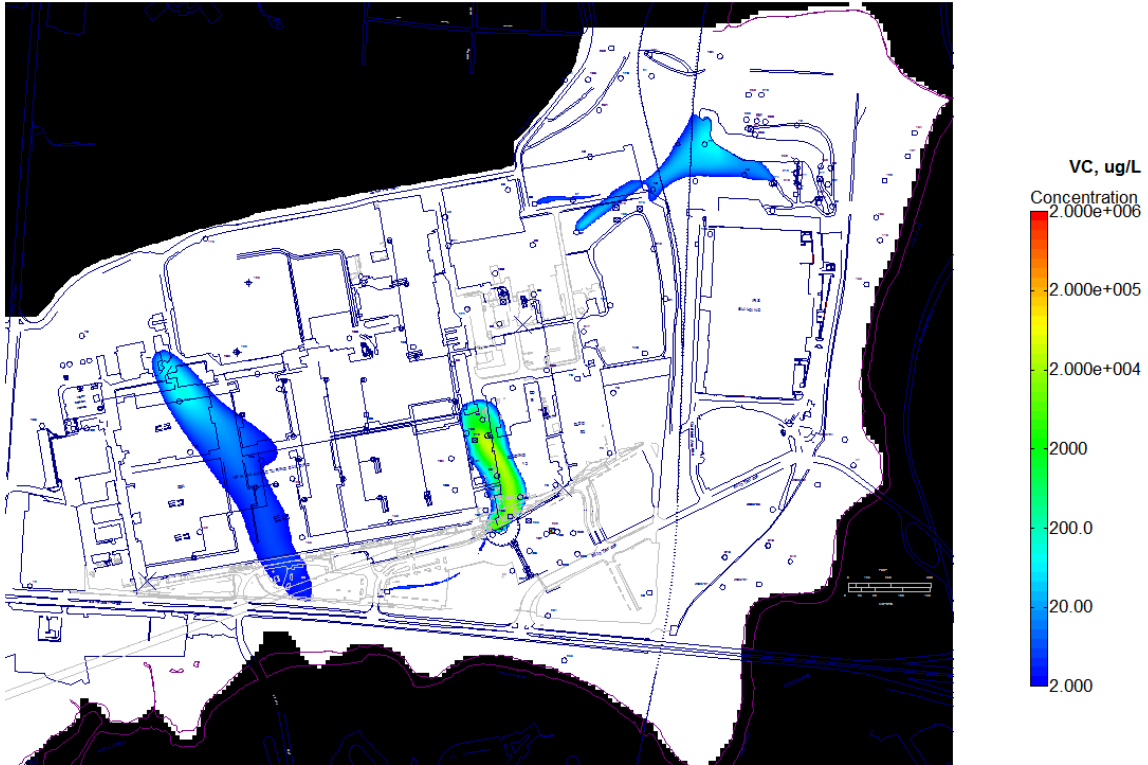


Future Conditions: VC, Year 30, source active



Future Conditions: VC, Year 31 to 251, source active

Future Conditions, No Source Reduction



Future Conditions: VC, Year 251, 1 year after complete source dilution



Future Conditions: VC, Year 252, 2 years after complete source dilution  
Future Conditions, No Source Reduction



Future Conditions: VC, Year 253, 3 years after complete source dilution



Future Conditions: VC, Year 254, 4 years after complete source dilution

Future Conditions, No Source Reduction



Future Conditions: VC, Year 255, 5 years after complete source dilution



Future Conditions: VC, Year 260, 10 years after complete source dilution  
Future Conditions, No Source Reduction



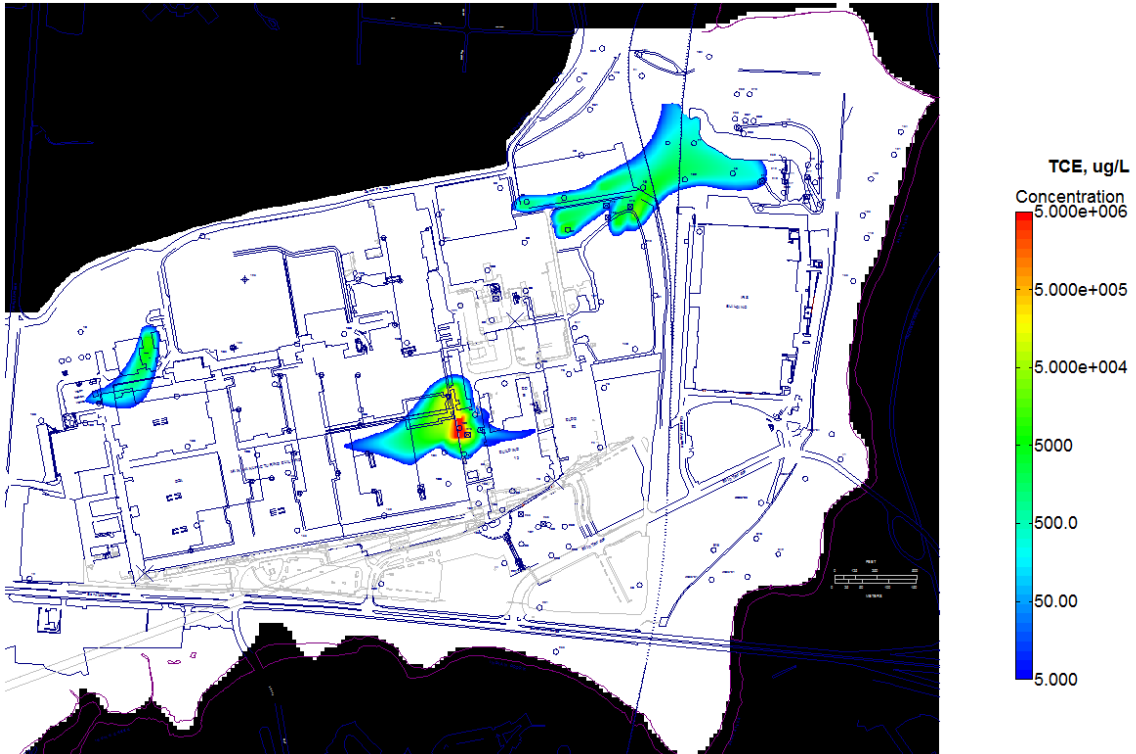
Future Conditions: VC, Year 270, 20 years after complete source dilution

Future Conditions, No Source Reduction

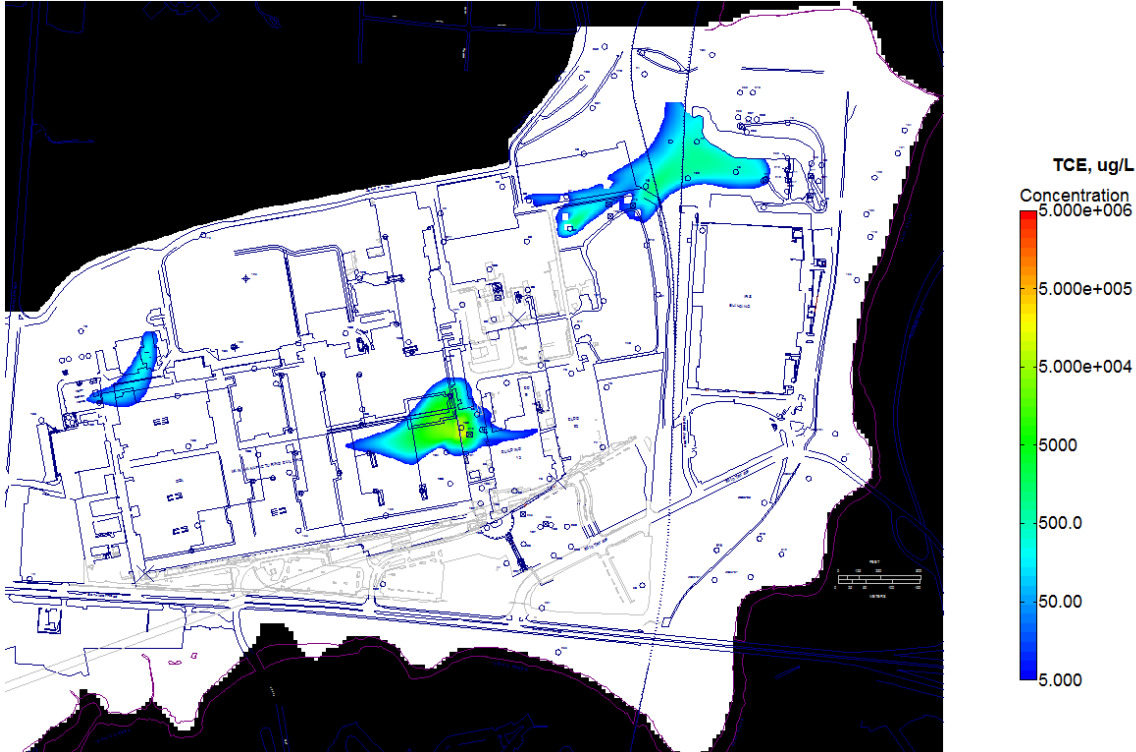
## **Appendix 7: Plumes – TCE, Current Conditions, Complete Source Reduction**

Current Conditions, Complete Source Reduction





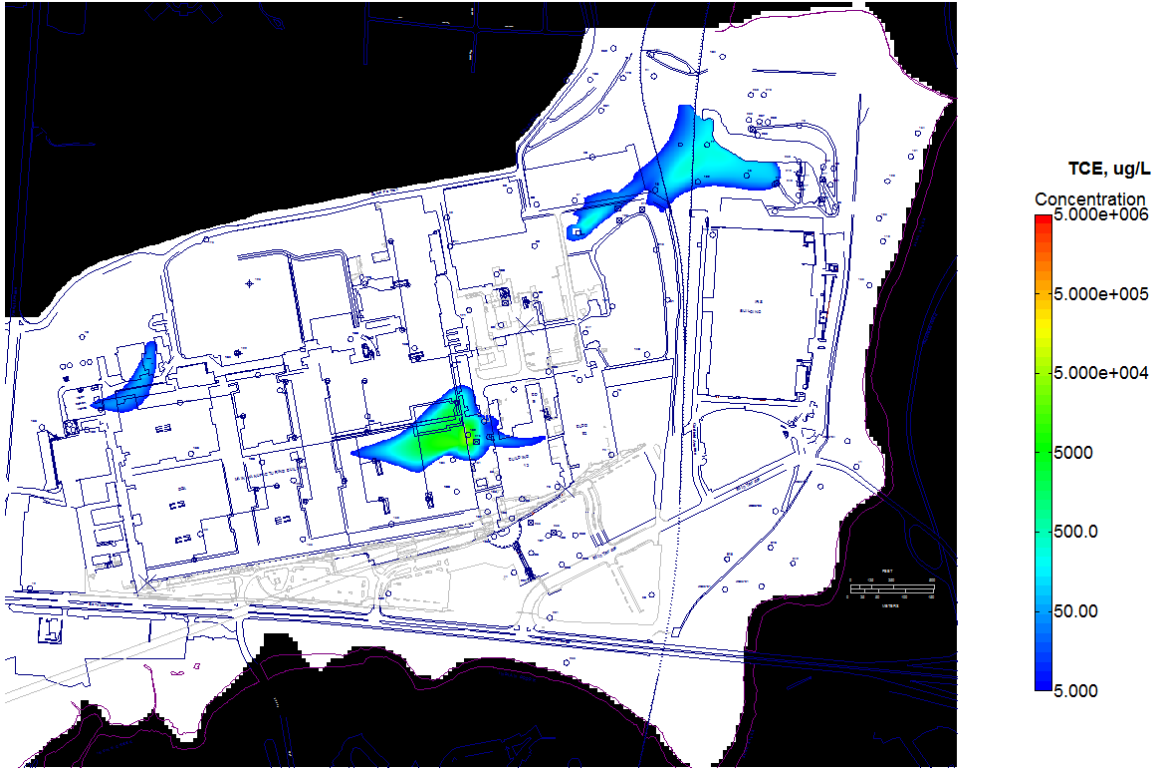
Current Conditions: Initial TCE Concentrations



Current Conditions: TCE, Year 1, 1 year after complete source remediation

Current Conditions, Complete Source Reduction





Current Conditions: TCE, Year 2, 2 years after complete source remediation



Current Conditions: TCE, Year 3, 3 years after complete source remediation

Current Conditions, Complete Source Reduction



Current Conditions: TCE, Year 4, 4 years after complete source remediation



Current Conditions: TCE, Year 5, 5 years after complete source remediation

Current Conditions, Complete Source Reduction



Current Conditions: TCE, Year 6, 6 years after complete source remediation



Current Conditions: TCE, Year 7, 7 years after complete source remediation

Current Conditions, Complete Source Reduction



Current Conditions: TCE, Year 8, 8 years after complete source remediation



Current Conditions: TCE, Year 9, 9 years after complete source remediation

Current Conditions, Complete Source Reduction

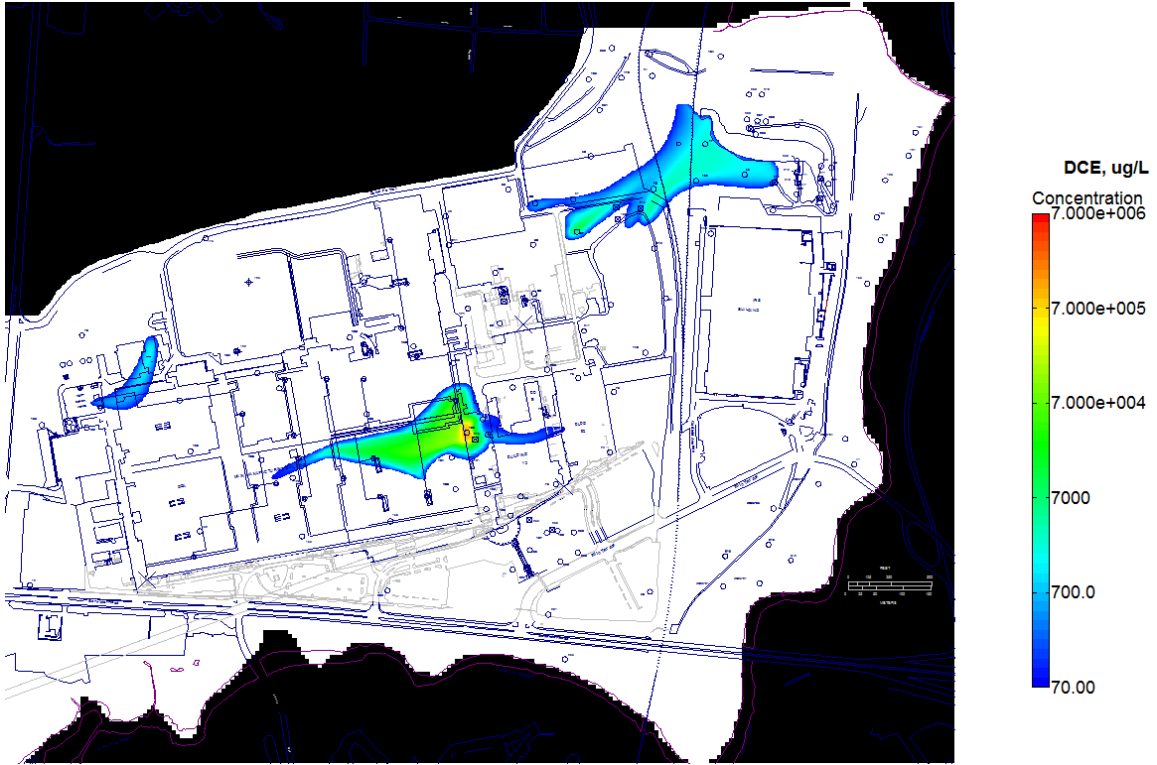


Current Conditions: TCE, Year 10, 10 years after complete source remediation

Current Conditions, Complete Source Reduction

## **Appendix 8: Plumes – DCE, Current Conditions, Complete Source Reduction**

Current Conditions, Complete Source Reduction



Current Conditions: Initial DCE Concentrations



Current Conditions: DCE, Year 5, 5 years after complete source remediation

Current Conditions, Complete Source Reduction





Current Conditions: DCE, Year 10, 10 years after complete source remediation



Current Conditions: DCE, Year 20, 20 years after complete source remediation

Current Conditions, Complete Source Reduction





Current Conditions: DCE, Year 30, 30 years after complete source remediation



Current Conditions: DCE, Year 40, 40 years after complete source remediation

Current Conditions, Complete Source Reduction



Current Conditions: DCE, Year 50, 50 years after complete source remediation



Current Conditions: DCE, Year 60, 60 years after complete source remediation

Current Conditions, Complete Source Reduction

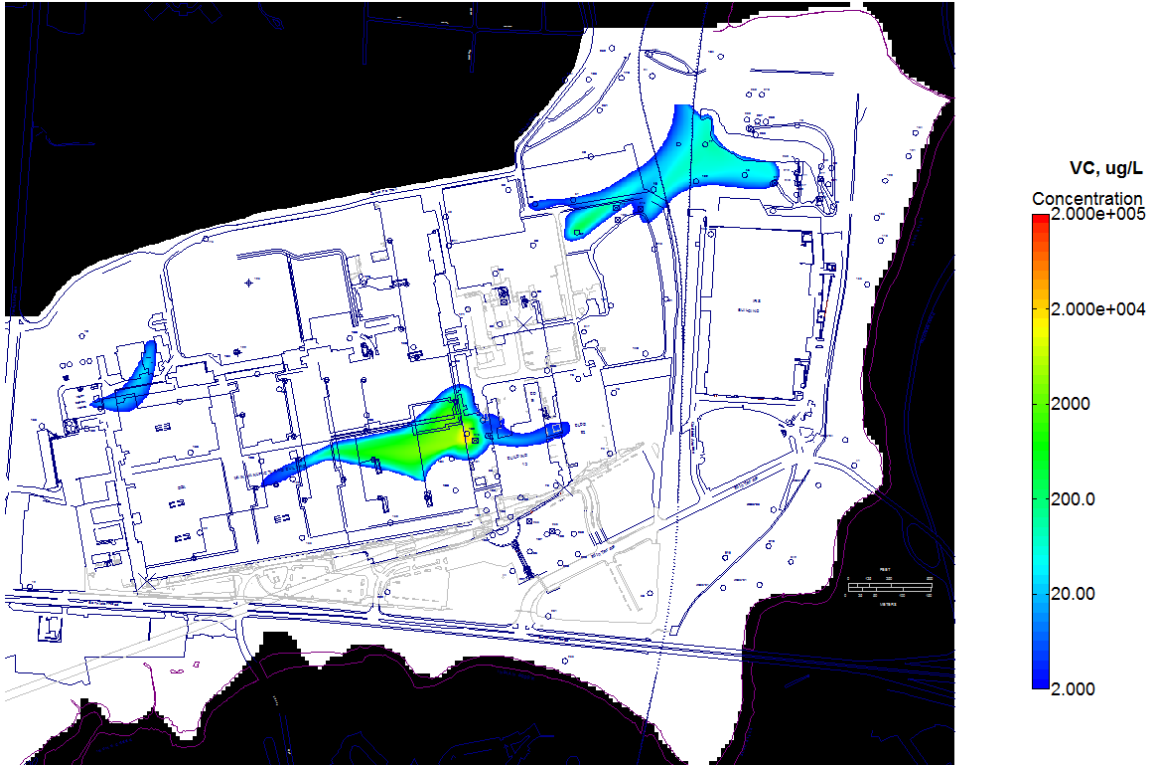


Current Conditions: DCE, Year 70, 70 years after complete source remediation

Current Conditions, Complete Source Reduction

## **Appendix 9: Plumes – VC, Current Conditions, Complete Source Reduction**

Current Conditions, Complete Source Reduction



Current Conditions: Initial VC Concentrations

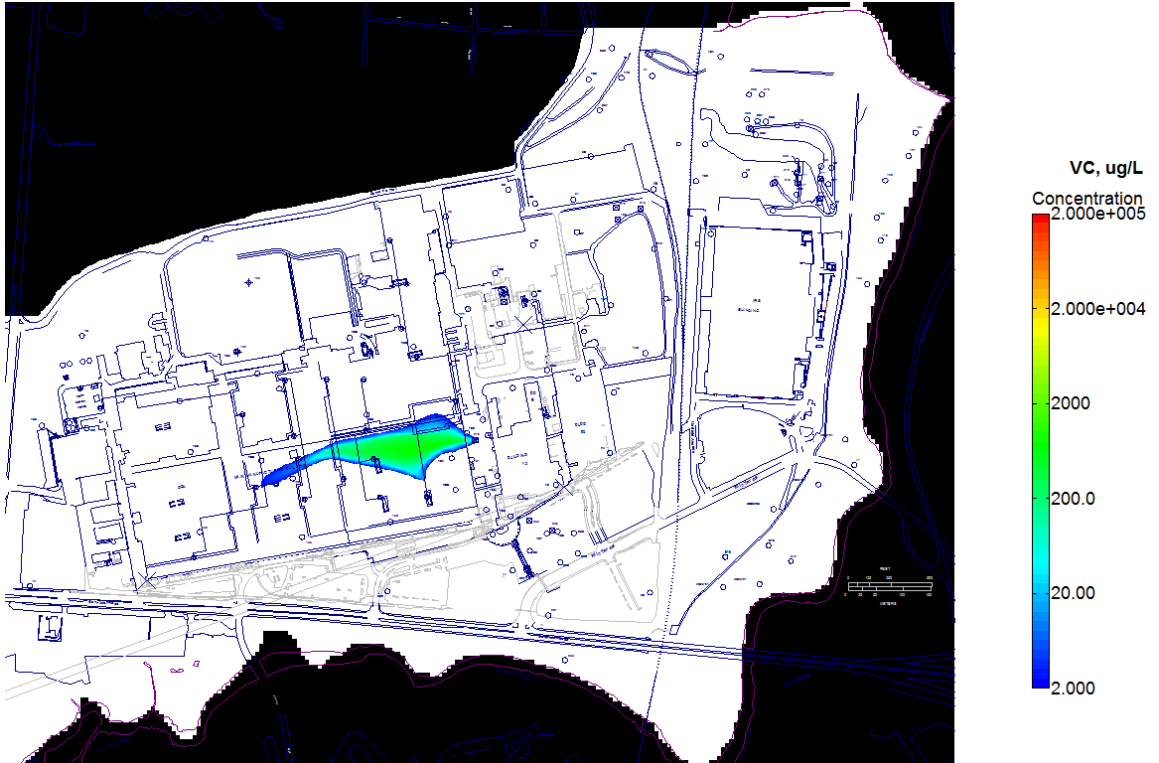


Current Conditions: VC, Year 5, 5 years after complete source remediation

Current Conditions, Complete Source Reduction

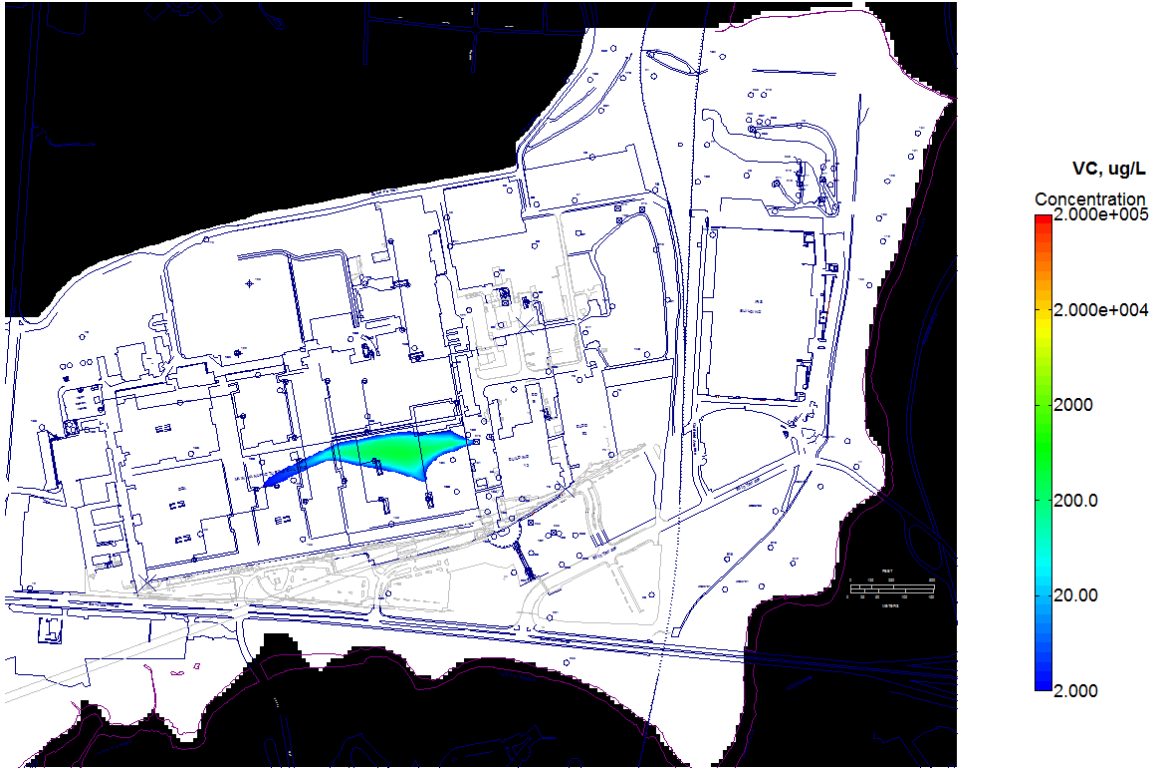


Current Conditions: VC, Year 10, 10 years after complete source remediation



Current Conditions: VC, Year 20, 20 years after complete source remediation

Current Conditions, Complete Source Reduction



Current Conditions: VC, Year 30, 30 years after complete source remediation



Current Conditions: VC, Year 40, 40 years after complete source remediation

Current Conditions, Complete Source Reduction



Current Conditions: VC, Year 50, 50 years after complete source remediation



Current Conditions: VC, Year 60, 60 years after complete source remediation

Current Conditions, Complete Source Reduction

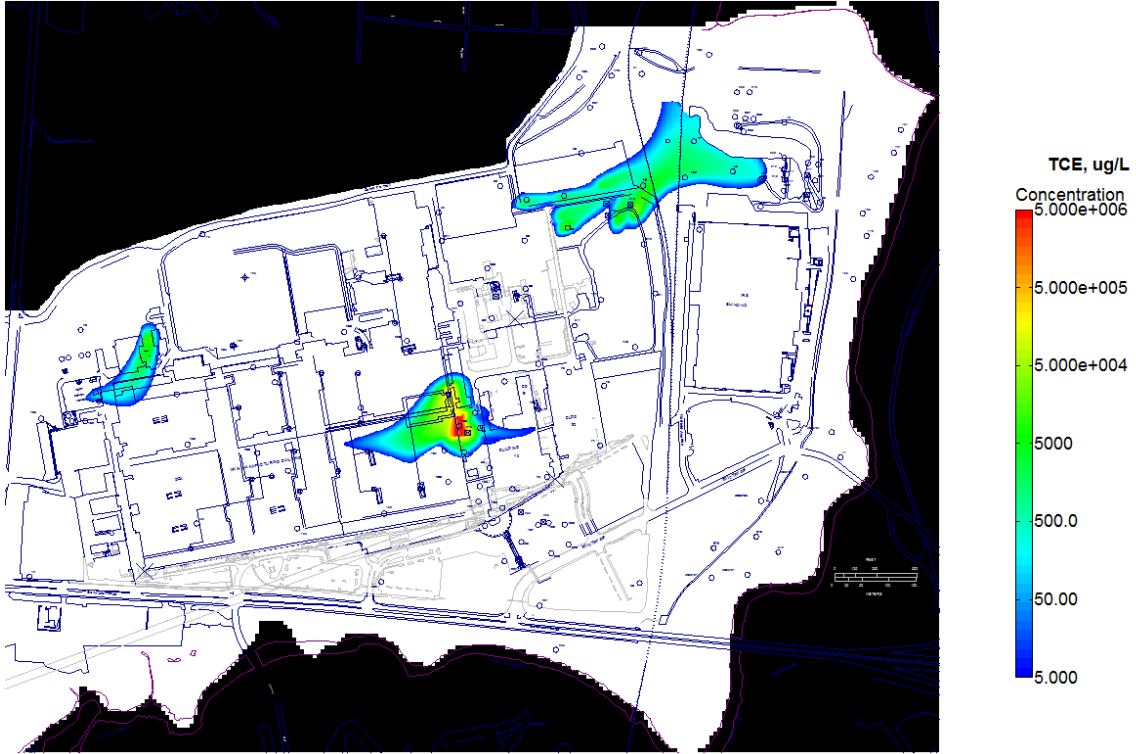




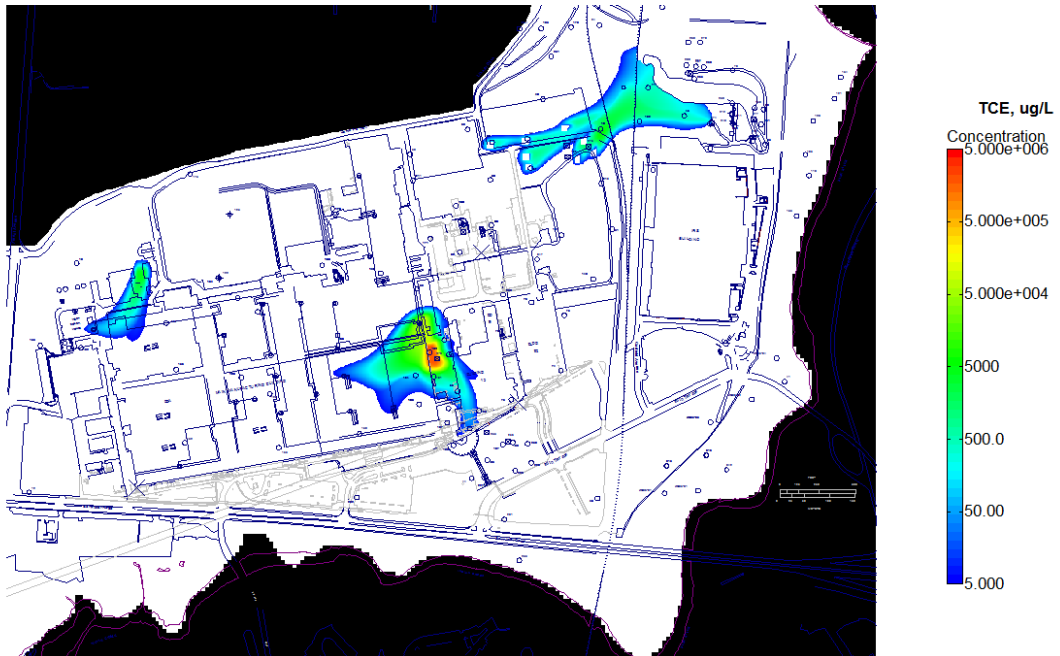
Current Conditions: VC, Year 70, 70 years after complete source remediation

Current Conditions, Complete Source Reduction

## **Appendix 10: Plumes – TCE, Future Conditions, Complete Source Reduction**

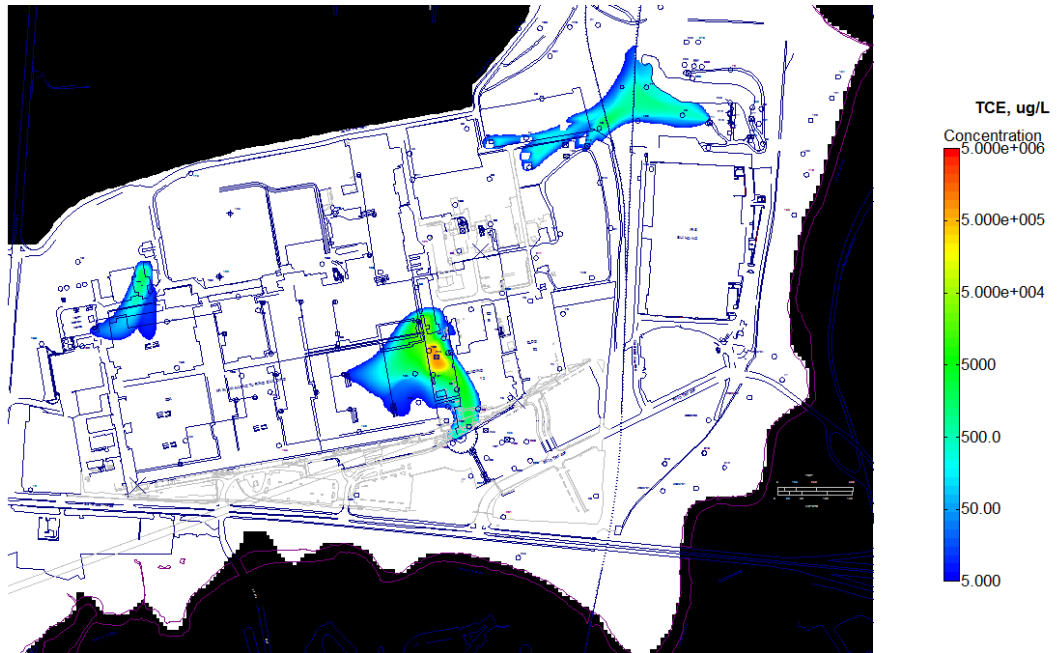


Future Conditions: Initial TCE Concentrations

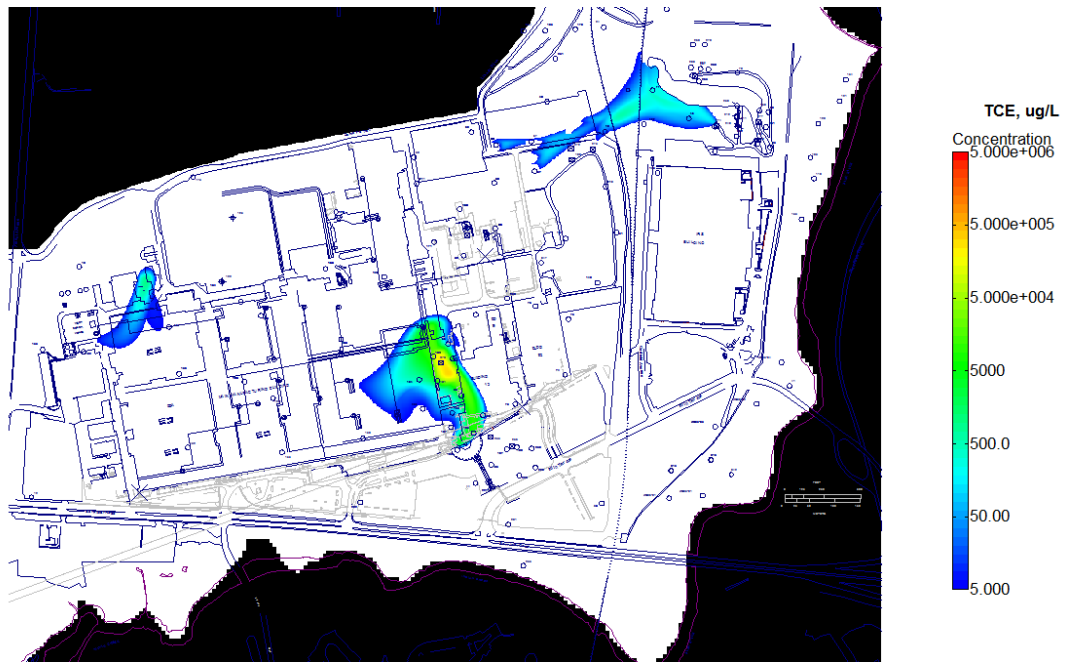


Future Conditions: TCE, Year 1, 1 year after complete source remediation

Future Conditions, Complete Source Reduction

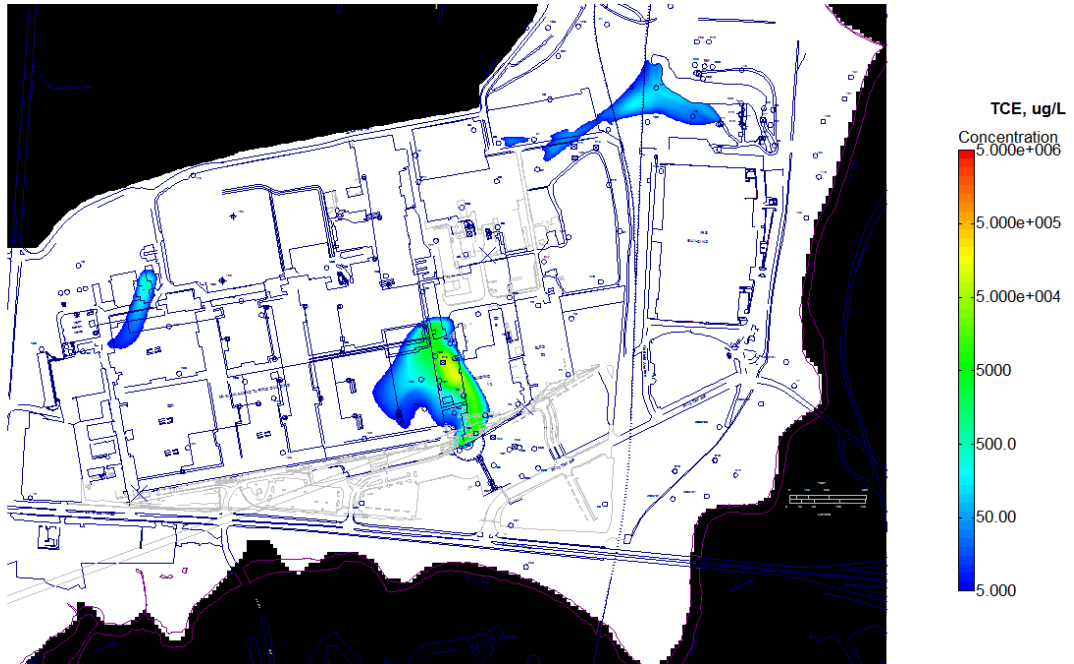


Future Conditions: TCE, Year 2, 2 years after complete source remediation

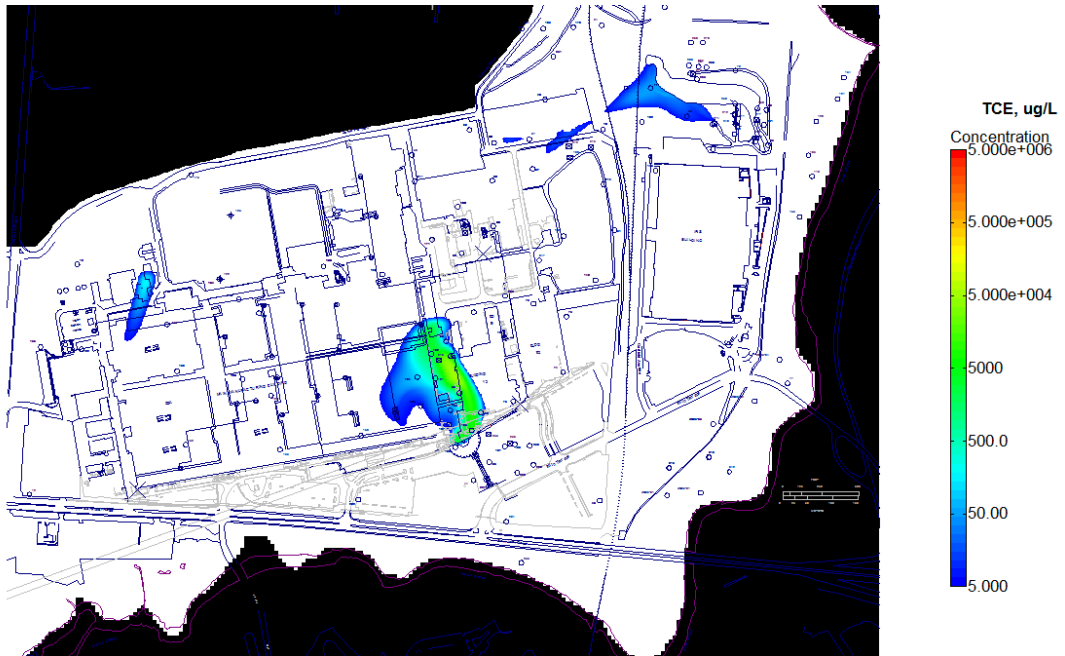


Future Conditions: TCE, Year 3, 3 years after complete source remediation

Future Conditions, Complete Source Reduction

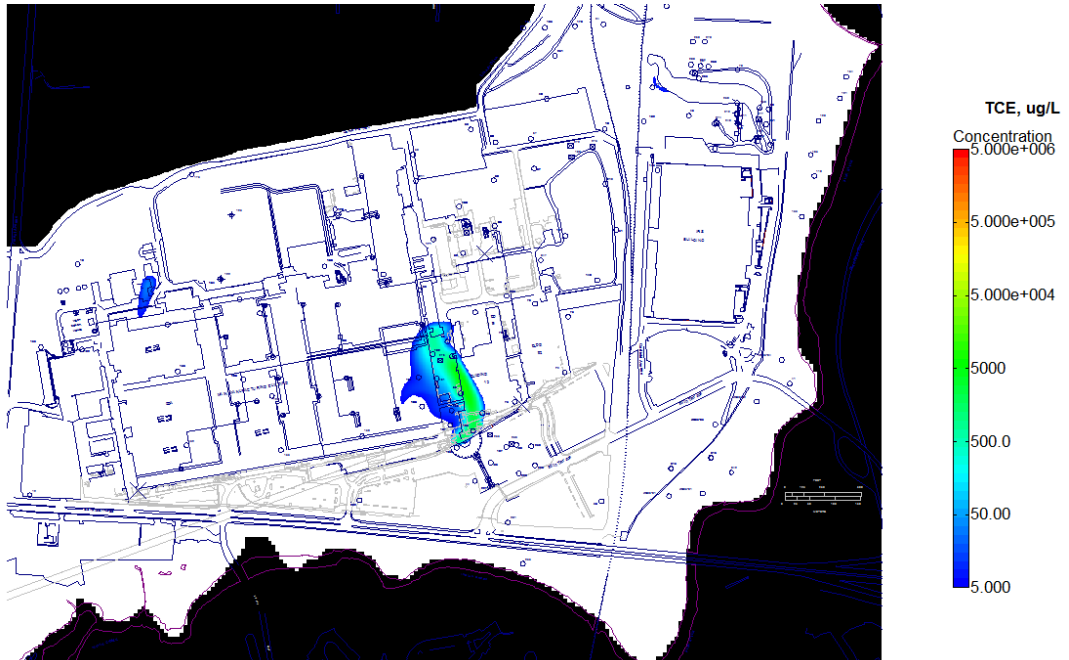


Future Conditions: TCE, Year 4, 4 years after complete source remediation



Future Conditions: TCE, Year 5, 5 years after complete source remediation

Future Conditions, Complete Source Reduction



Future Conditions: TCE, Year 7, 7 years after complete source remediation



Future Conditions: TCE, Year 10, 10 years after complete source remediation

Future Conditions, Complete Source Reduction



Future Conditions: TCE, Year 12, 12 years after complete source remediation



Future Conditions: TCE, Year 15, 15 years after complete source remediation

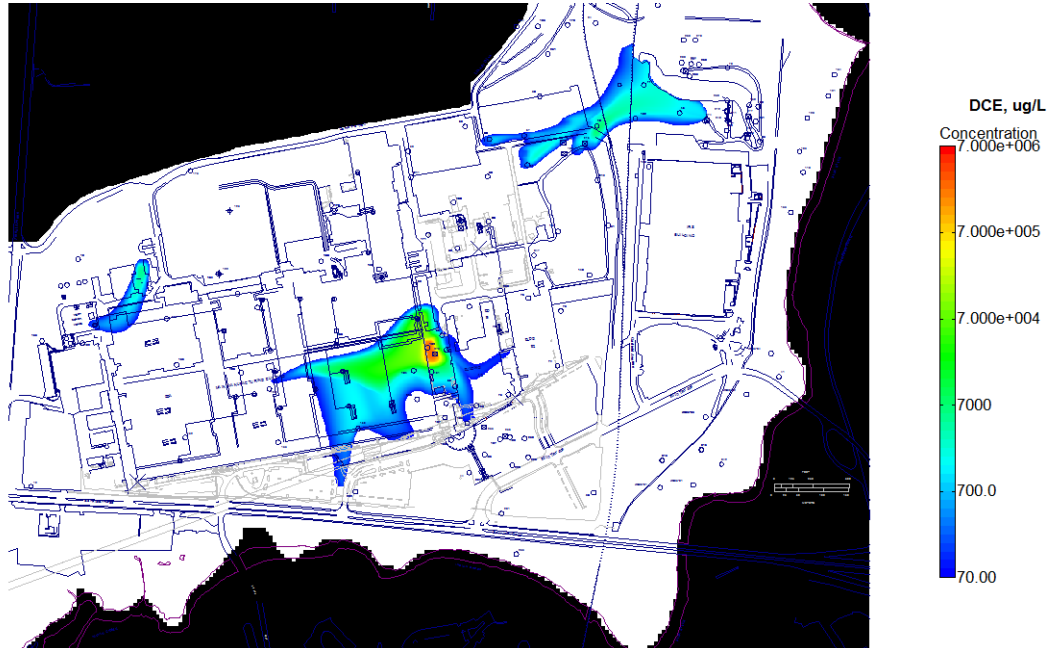
Future Conditions, Complete Source Reduction



## **Appendix 11: Plumes – DCE, Future Conditions, Complete Source Reduction**

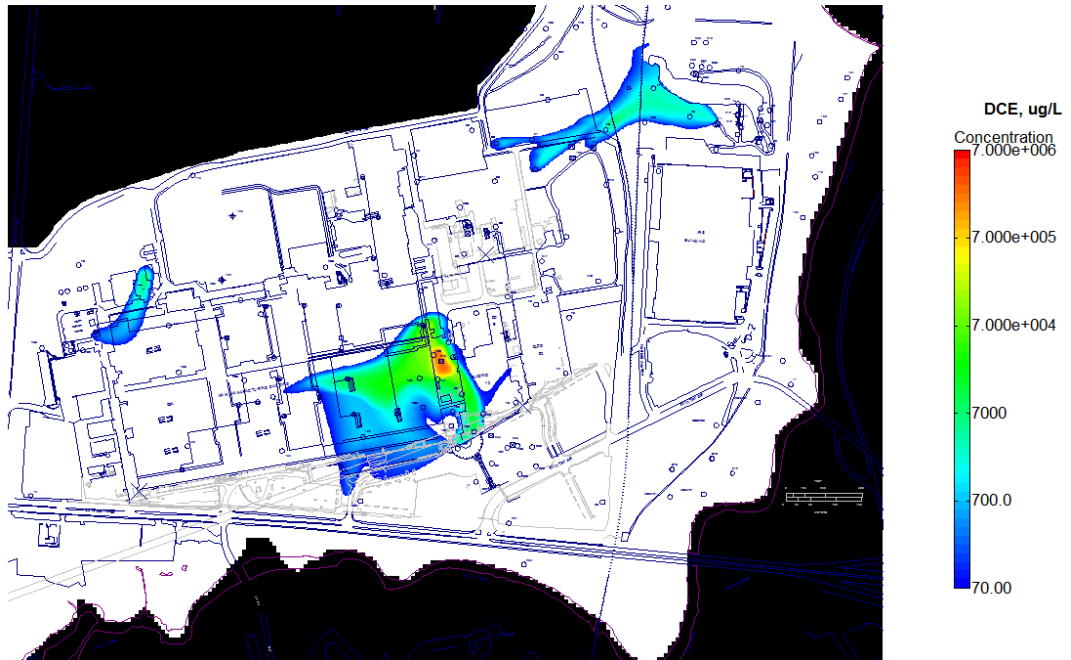


Future Conditions: Initial DCE Concentrations

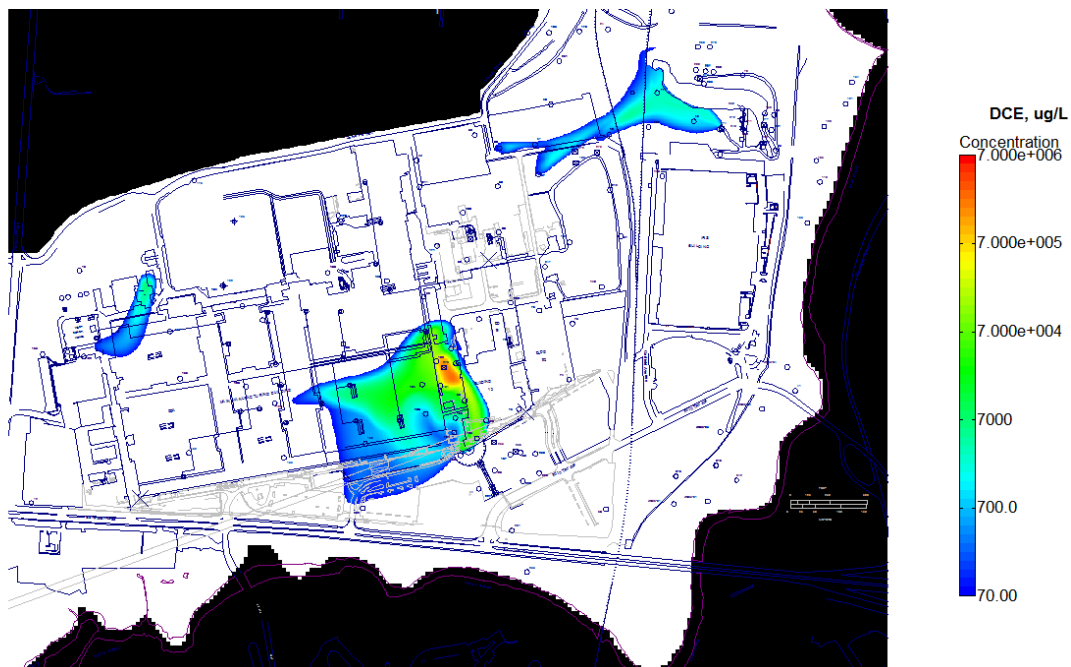


Future Conditions: DCE, Year 1, 1 year after complete source remediation

Future Conditions, Complete Source Reduction

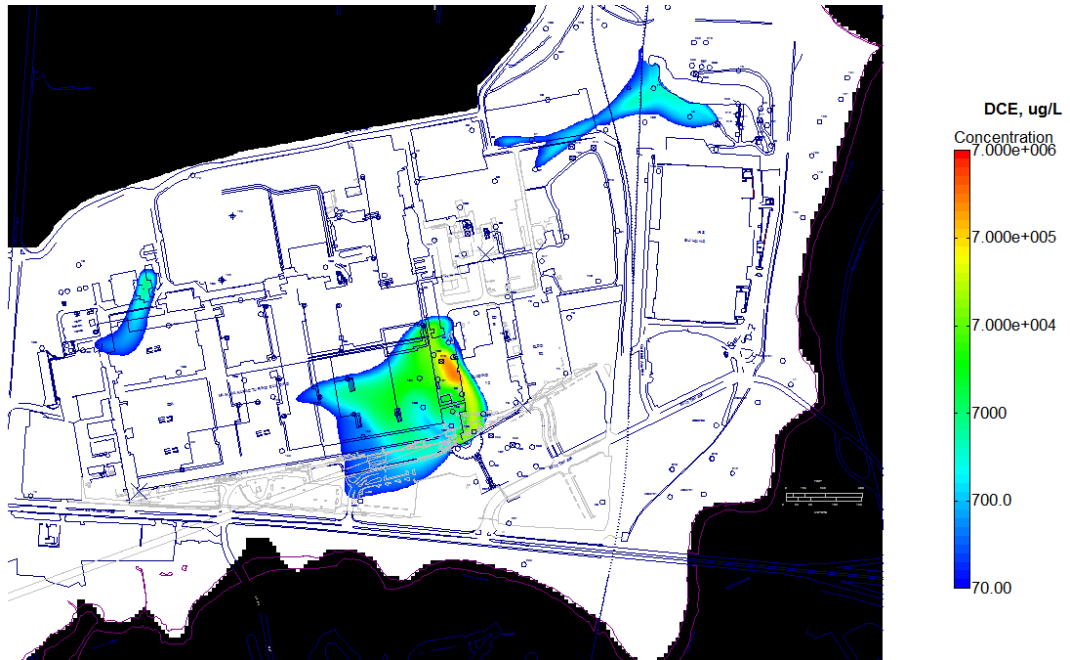


Future Conditions: DCE, Year 2, 2 years after complete source remediation

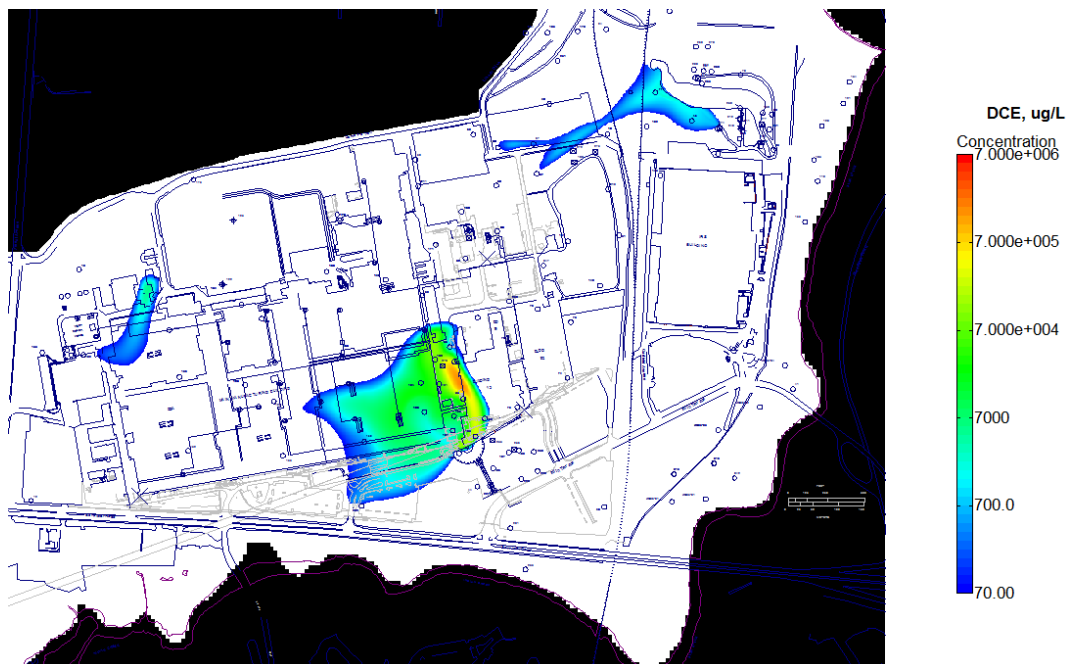


Future Conditions: DCE, Year 3, 3 years after complete source remediation

Future Conditions, Complete Source Reduction

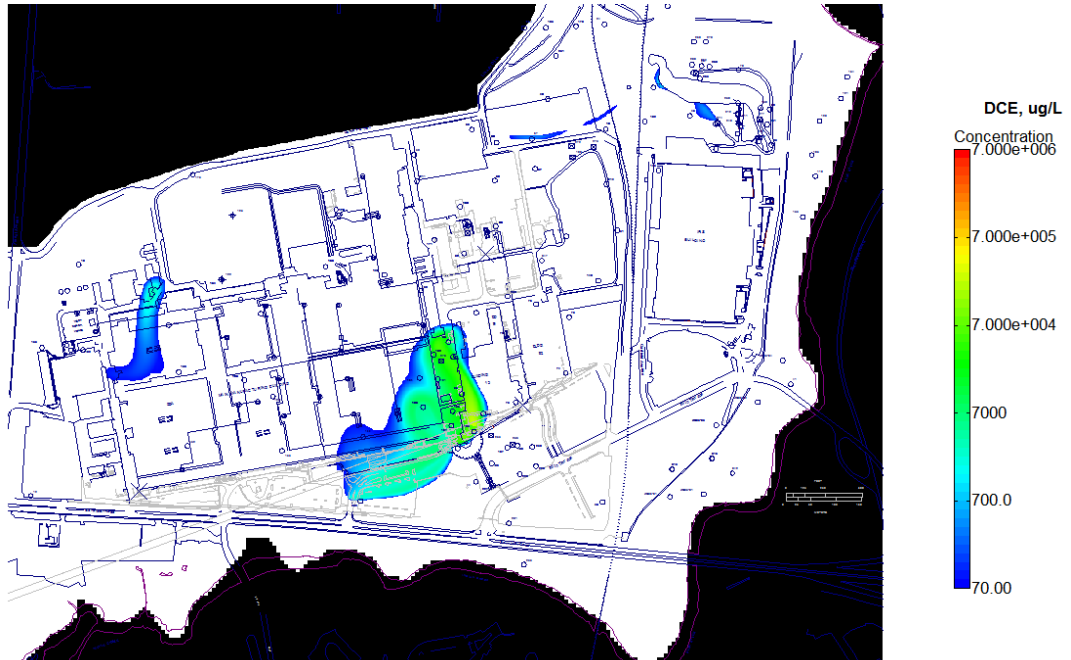


Future Conditions: DCE, Year 4, 4 years after complete source remediation



Future Conditions: DCE, Year 5, 5 years after complete source remediation

Future Conditions, Complete Source Reduction

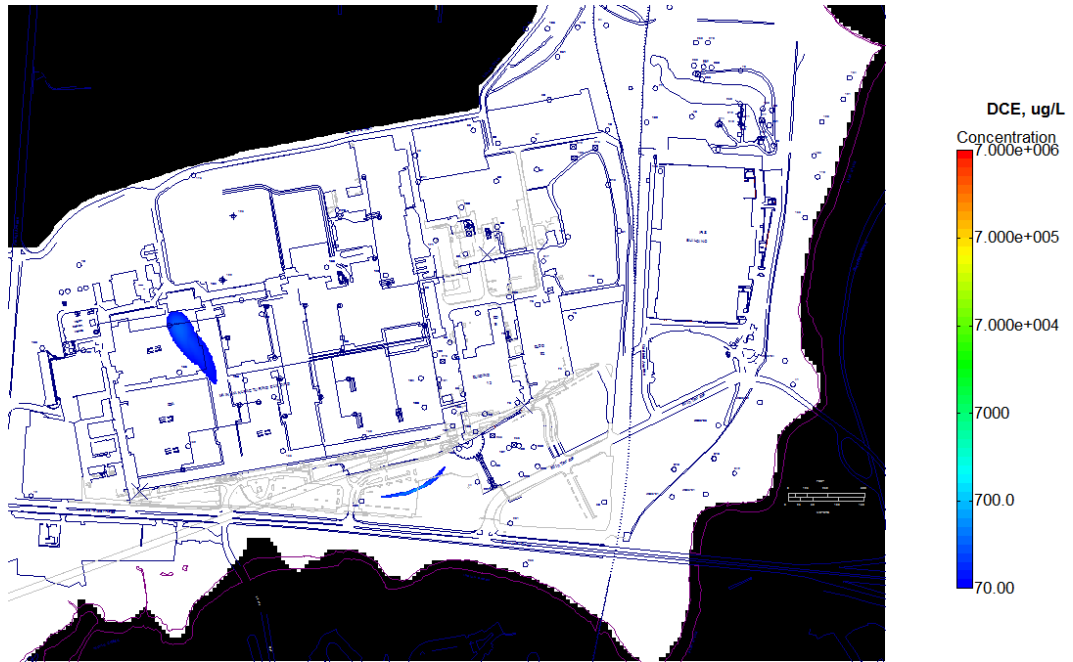


Future Conditions: DCE, Year 10, 10 years after complete source remediation



Future Conditions: DCE, Year 20, 20 years after complete source remediation

Future Conditions, Complete Source Reduction

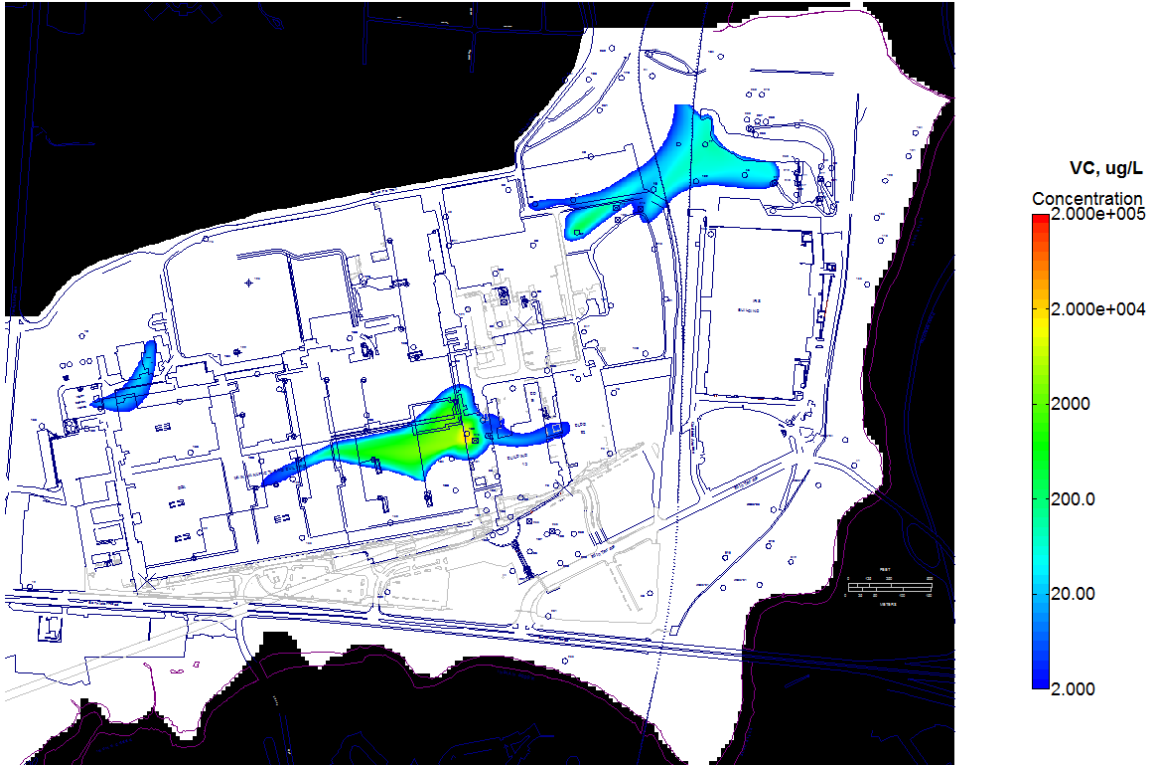


Future Conditions: DCE, Year 30, 30 years after complete source remediation

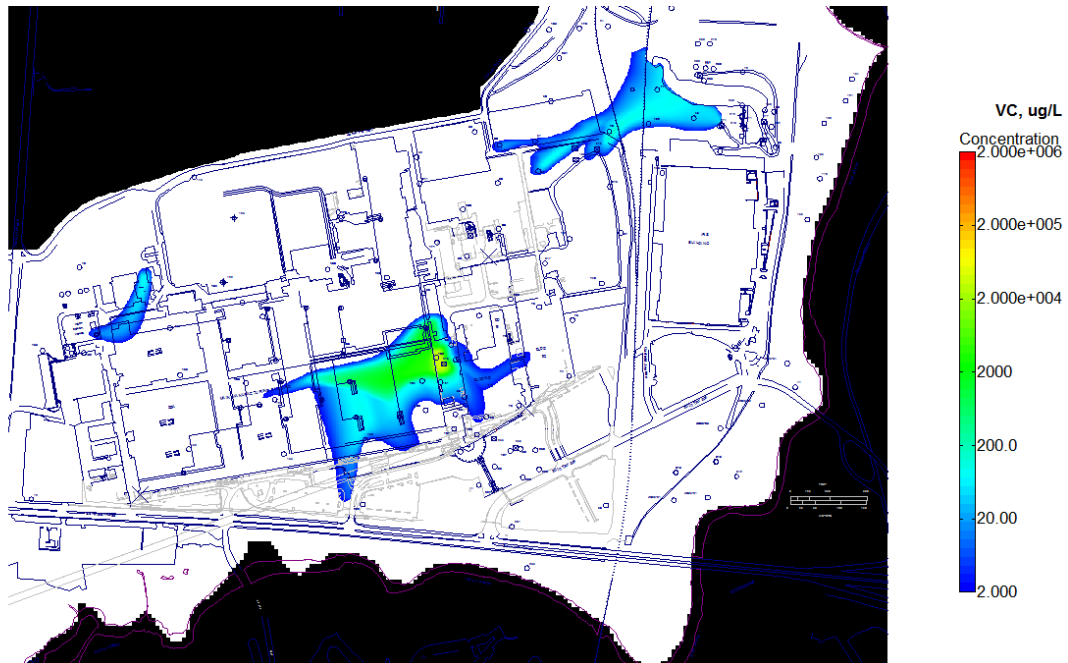
Future Conditions, Complete Source Reduction

## **Appendix 12: Plumes – VC, Future Conditions, Complete Source Reduction**



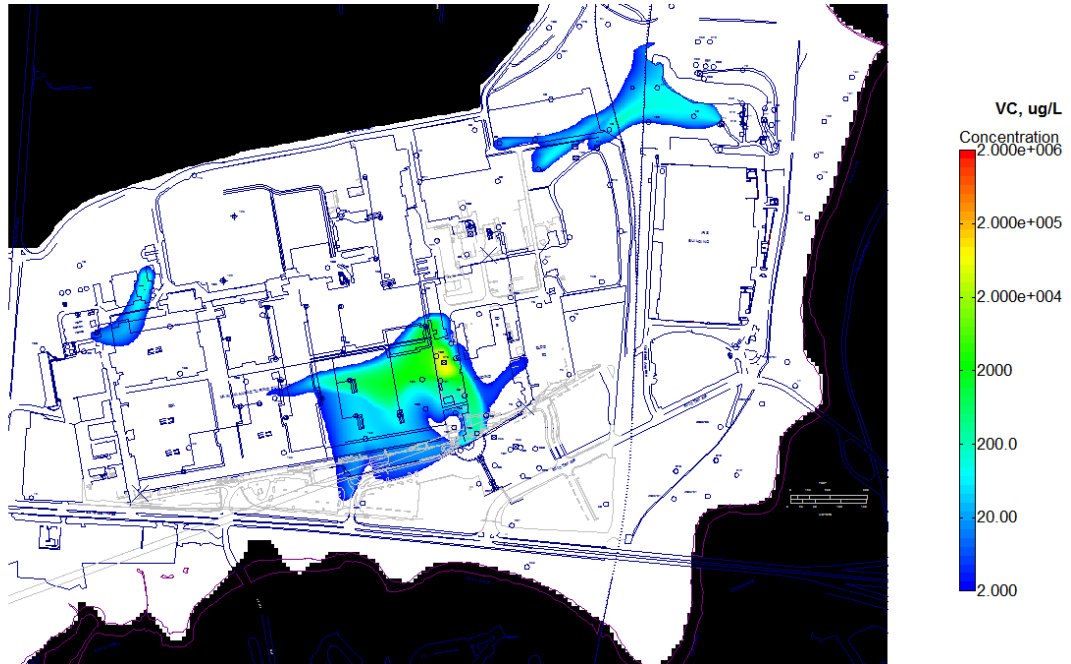


Future Conditions: Initial VC Concentrations

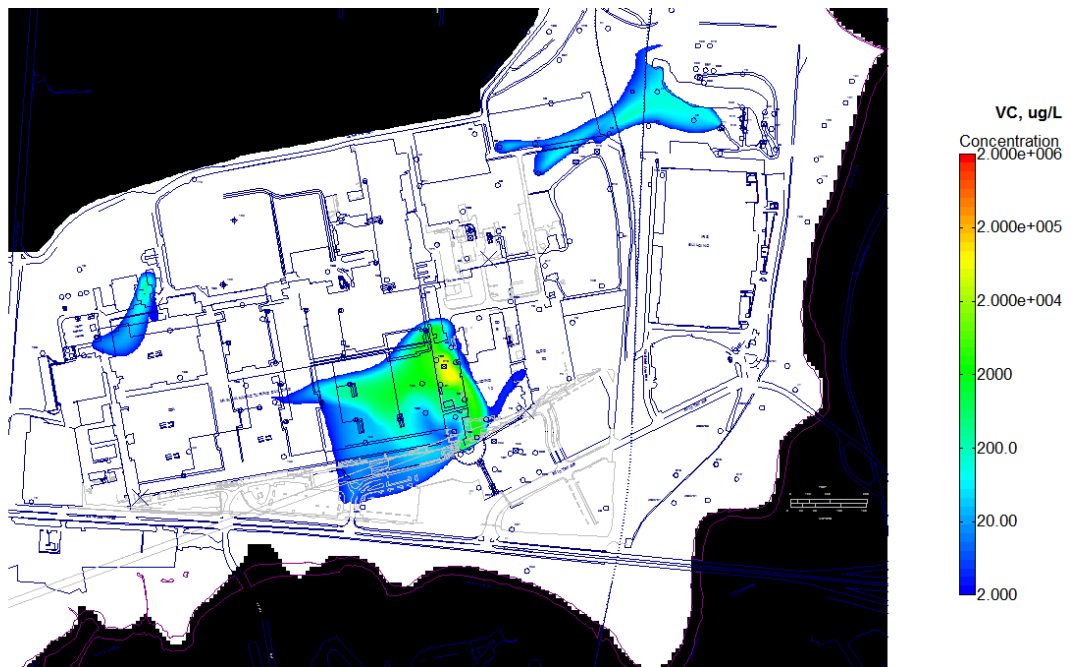


Future Conditions: VC, Year 1, 1 year after complete source remediation

Future Conditions, Complete Source Reduction

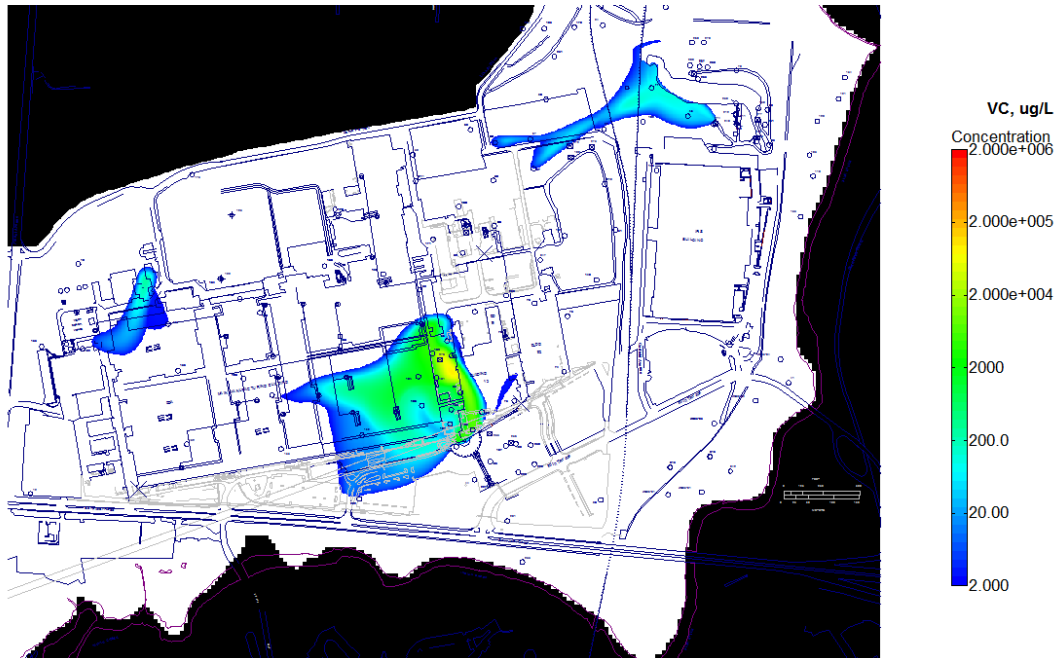


Future Conditions: VC, Year 2, 2 years after complete source remediation

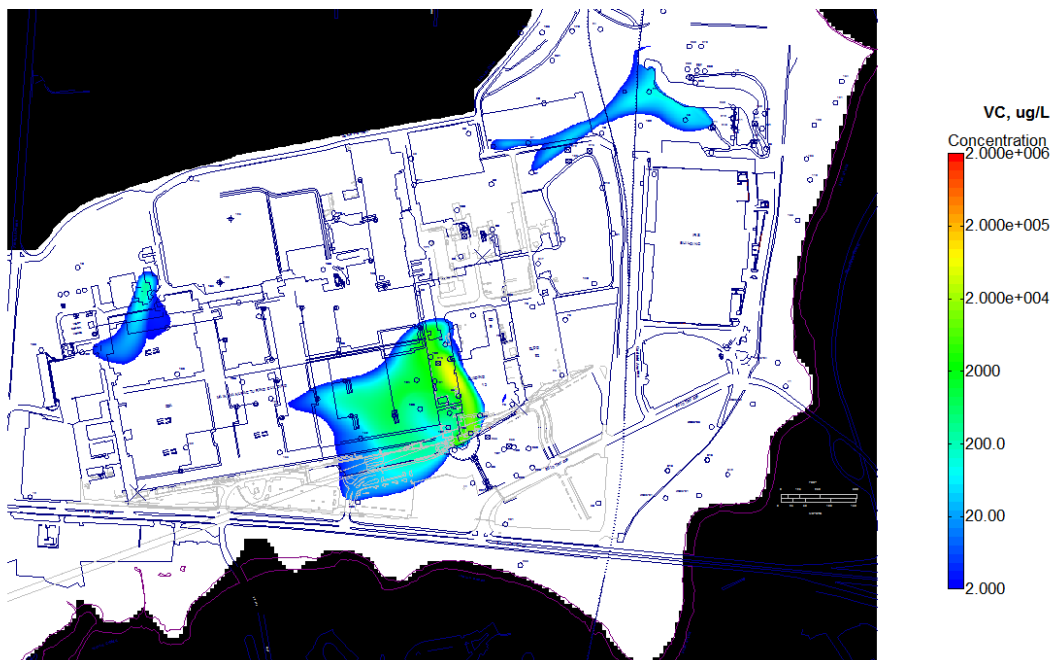


Future Conditions: VC, Year 3, 3 years after complete source remediation

Future Conditions, Complete Source Reduction

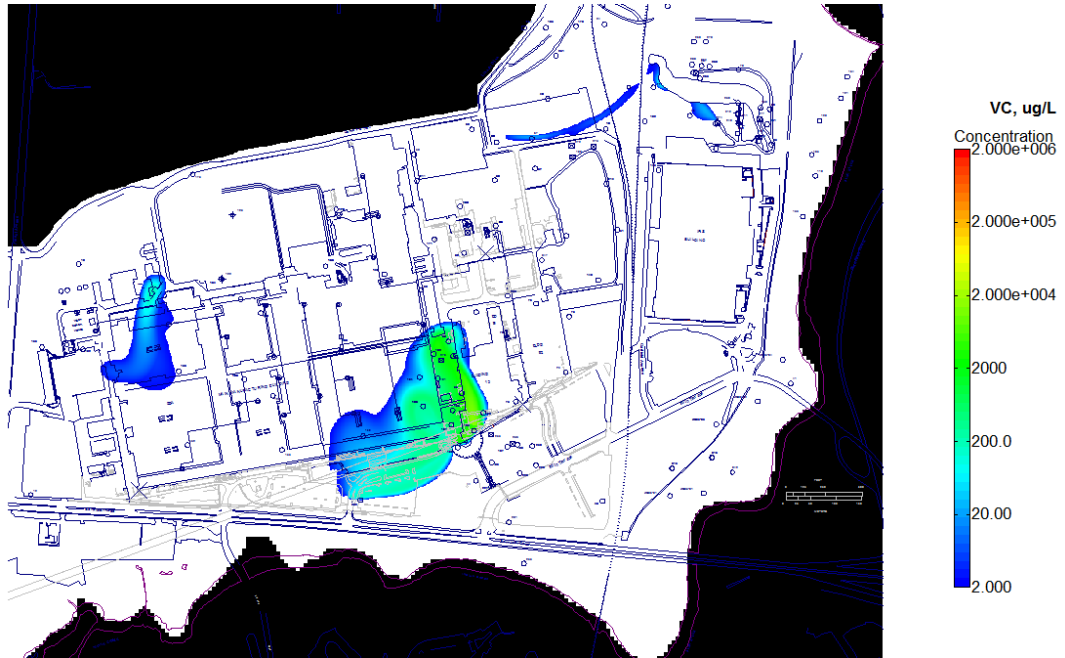


Future Conditions: VC, Year 4, 4 years after complete source remediation



Future Conditions: VC, Year 5, 5 years after complete source remediation

Future Conditions, Complete Source Reduction



Future Conditions: VC, Year 10, 10 years after complete source remediation



Future Conditions: VC, Year 20, 20 years after complete source remediation

Future Conditions, Complete Source Reduction



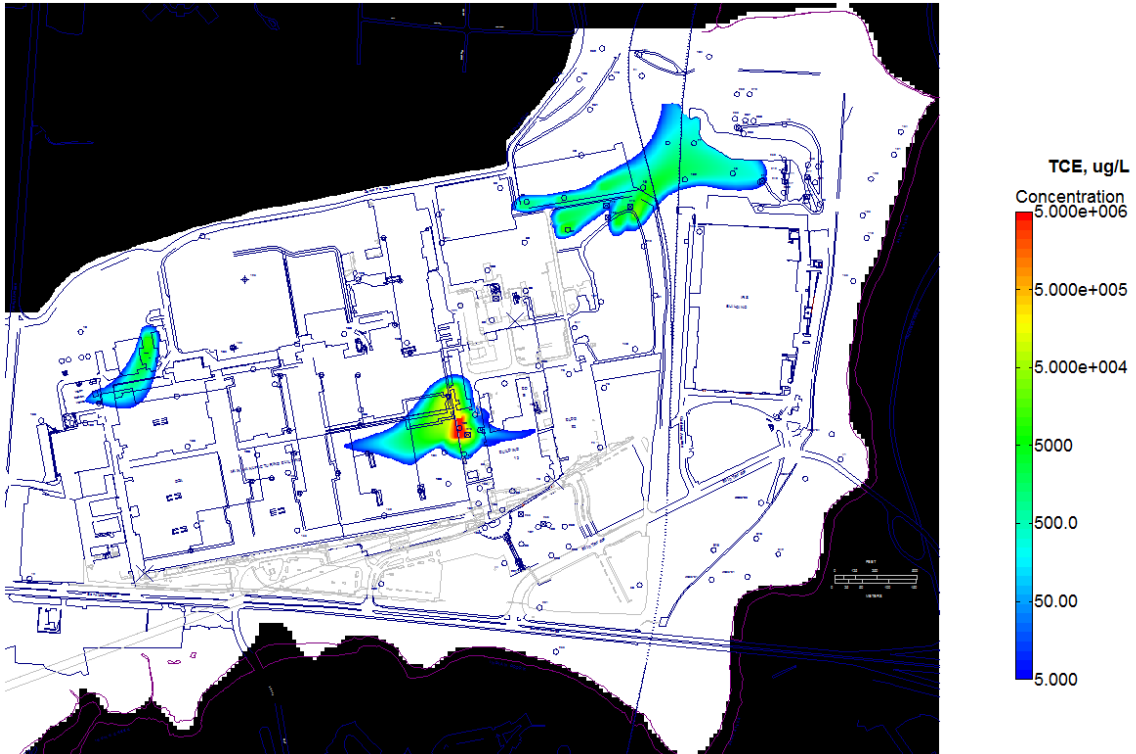
Future Conditions: VC, Year 30, 30 years after complete source remediation



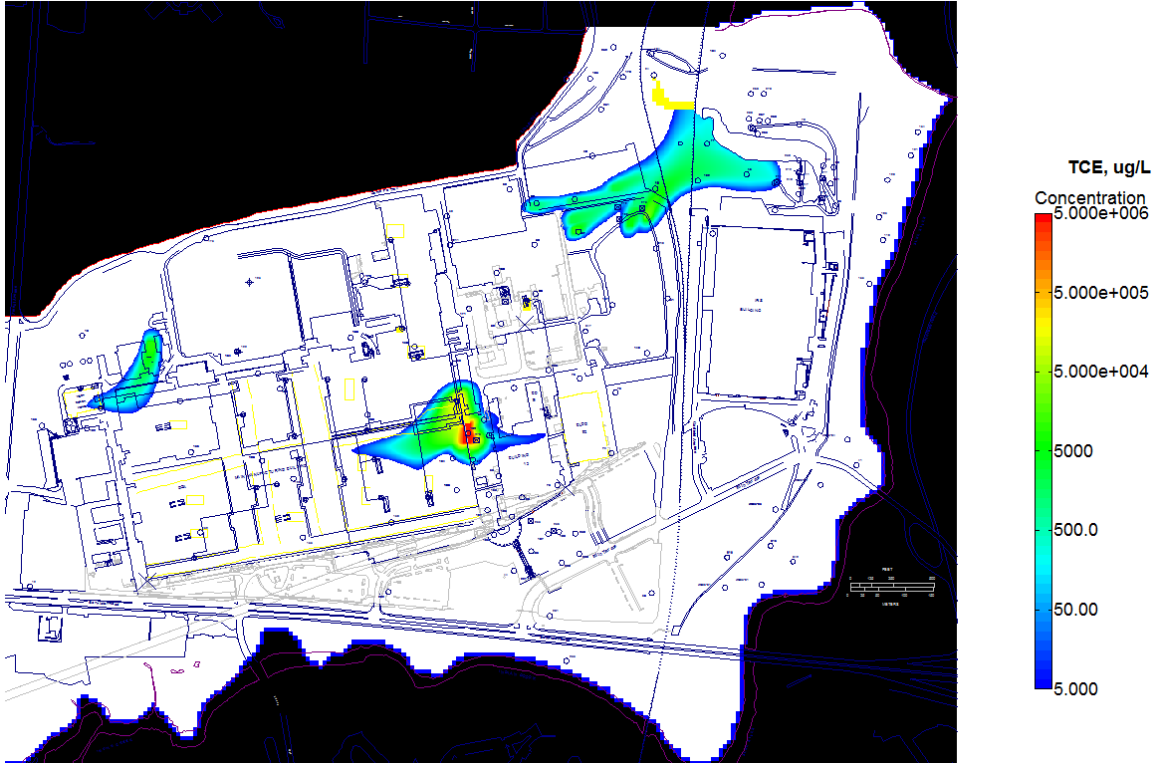
Future Conditions: VC, Year 40, 40 years after complete source remediation

Future Conditions, Complete Source Reduction

**Appendix 13: Plumes – TCE, Current Conditions, 50% Source  
Concentration Reduction, 0% Source Concentration Reduction**



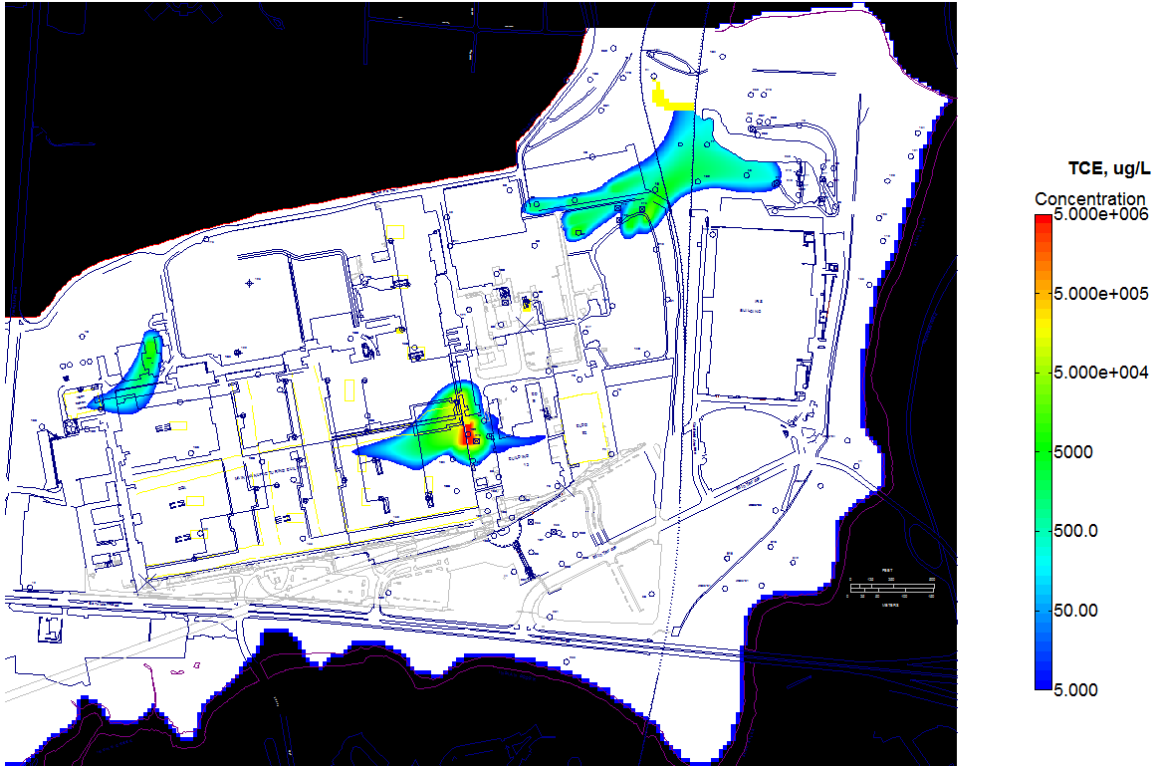
Current Conditions: Initial TCE Concentrations



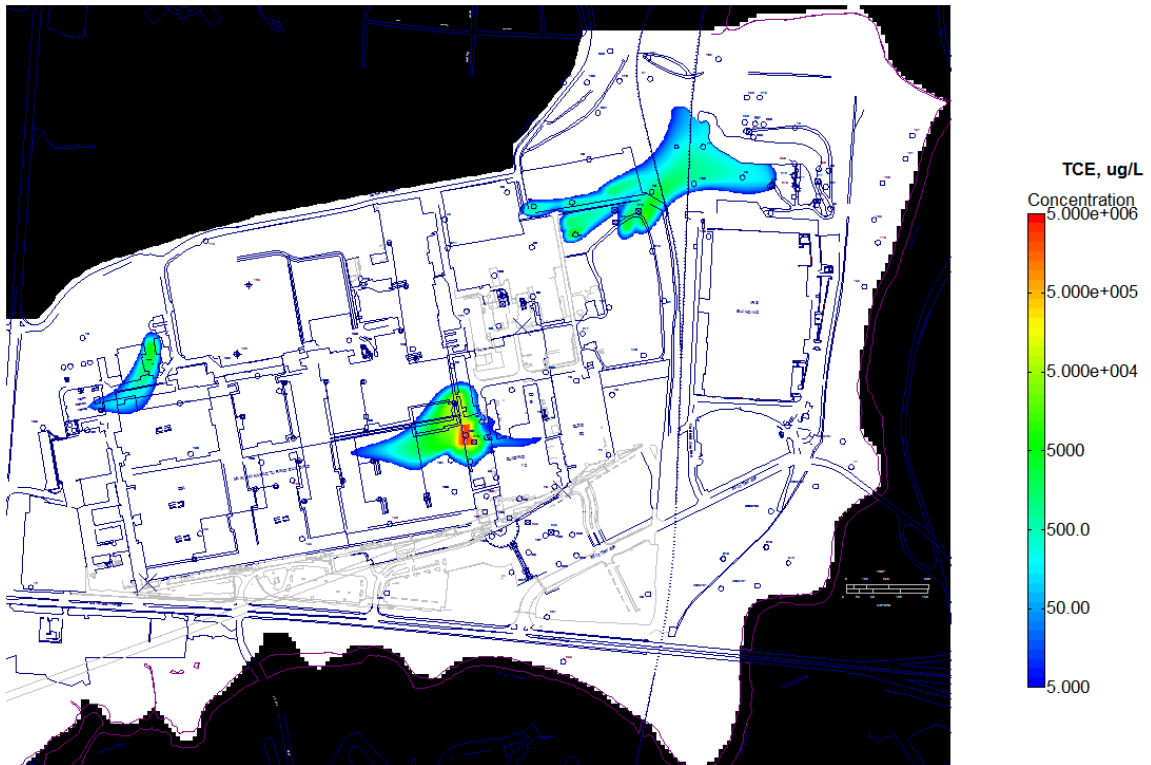
Current Conditions: TCE, Year 1, 1 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



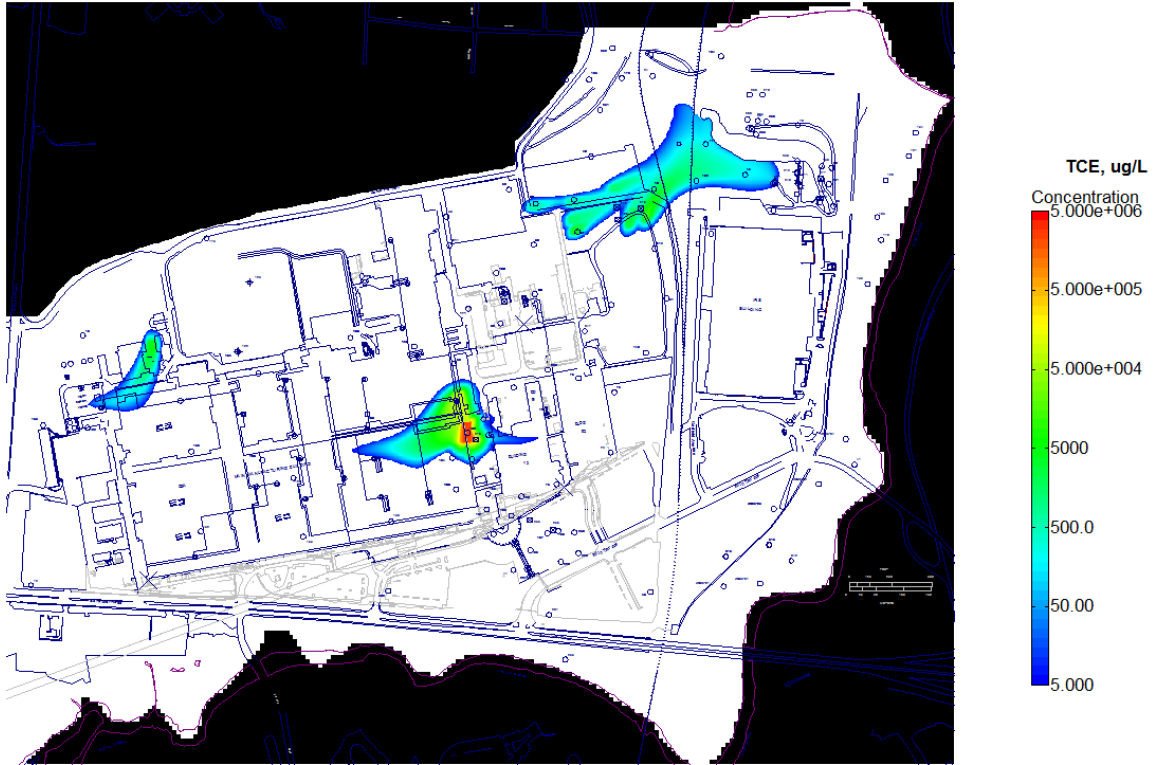


Current Conditions: TCE, Year 2, 2 years after source remediation

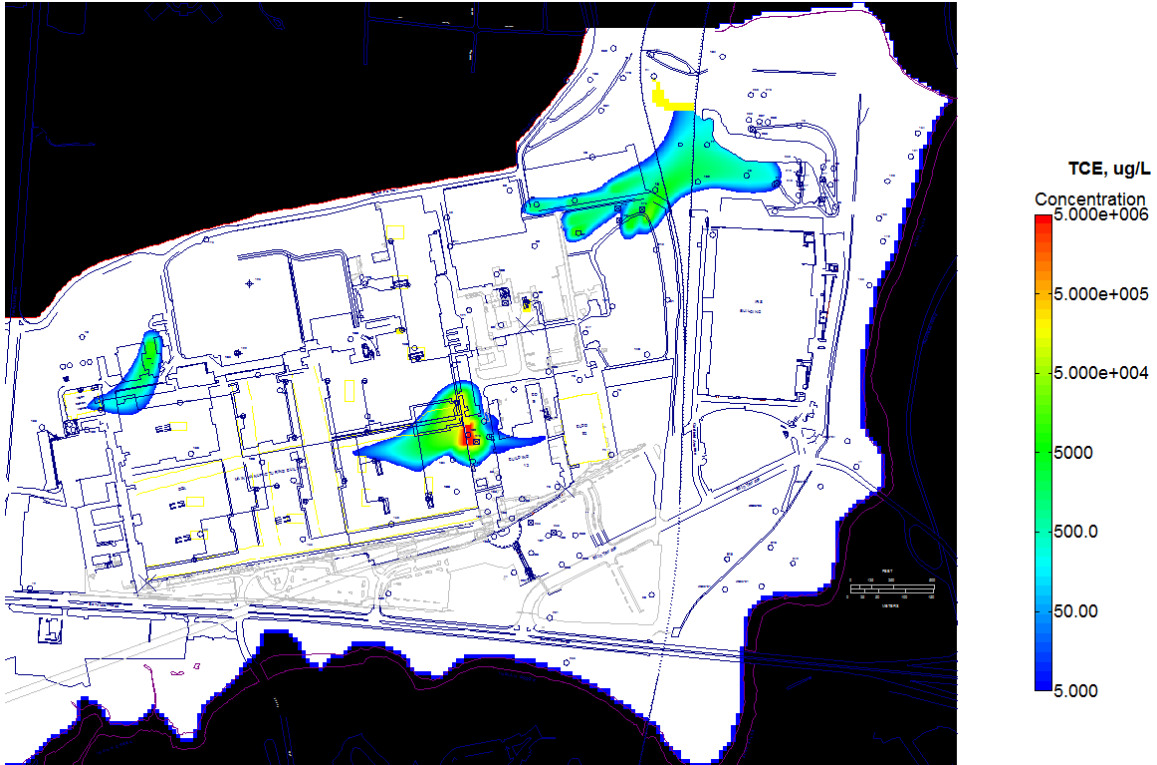


Current Conditions: TCE, Year 3, 3 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

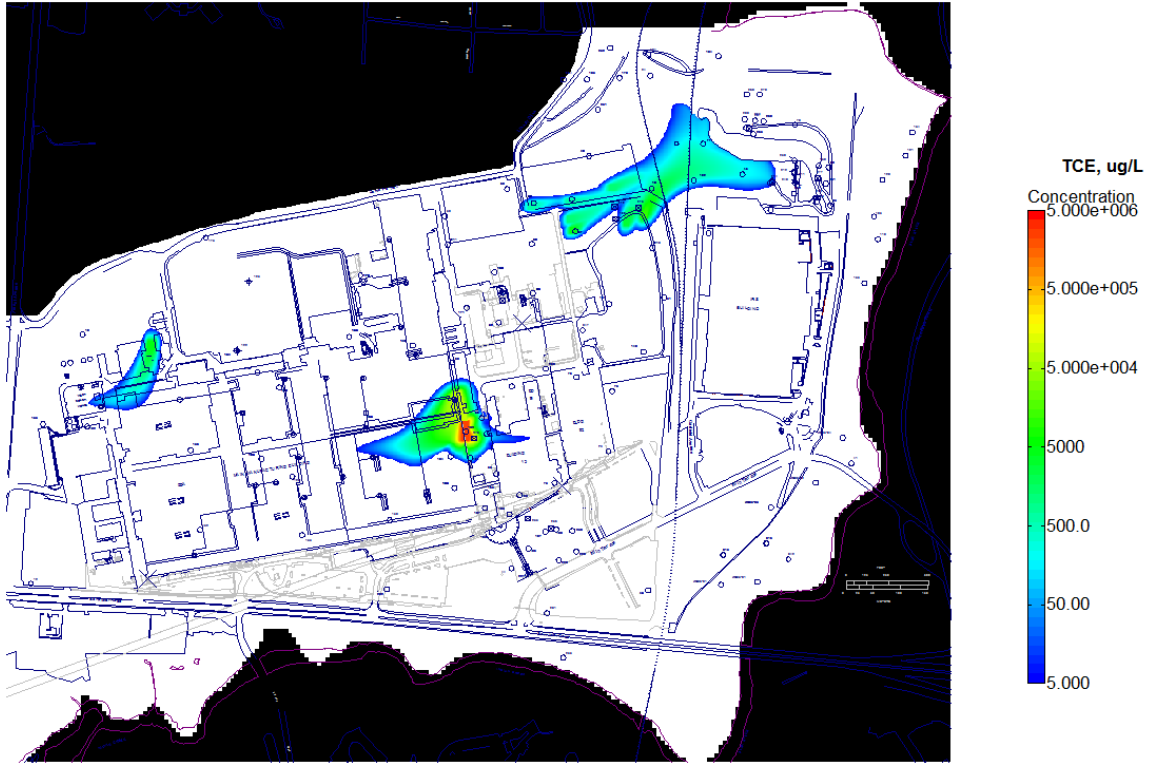


Current Conditions: TCE, Year 4, 4 years after source remediation



Current Conditions: TCE, Year 5, 5 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: TCE, Year 6 to 250, source concentration stable



Current Conditions: TCE, Year 251, 251 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: TCE, Year 252, 252 years after source remediation



Current Conditions: TCE, Year 253, 253 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: TCE, Year 254, 254 years after source remediation



Current Conditions: TCE, Year 255, 255 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: TCE, Year 256, 256 years after source remediation



Current Conditions: TCE, Year 257, 257 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction





Current Conditions: TCE, Year 258, 258 years after source remediation



Current Conditions: TCE, Year 259, 259 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



**Appendix 14: Plumes – DCE, Current Conditions, 50% Source  
Concentration Reduction, 0% Source Concentration Reduction**



Current Conditions: Initial DCE Concentrations



Current Conditions: DCE, Year 1, 1 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 1, 1 years after source remediation



Current Conditions: DCE, Year 2, 2 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 3, 3 years after source remediation



Current Conditions: DCE, Year 4, 4 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 4, 4 years after source remediation



Current Conditions: DCE, Year 5, 5 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 6 TO 250, source concentration stable



Current Conditions: DCE, Year 255, 255 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction





Current Conditions: DCE, Year 260, 260 years after source remediation



Current Conditions: DCE, Year 270, 270 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction





Current Conditions: DCE, Year 280, 280 years after source remediation



Current Conditions: DCE, Year 290, 290 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 300, 300 years after source remediation



Current Conditions: DCE, Year 310, 310 years after source remediation

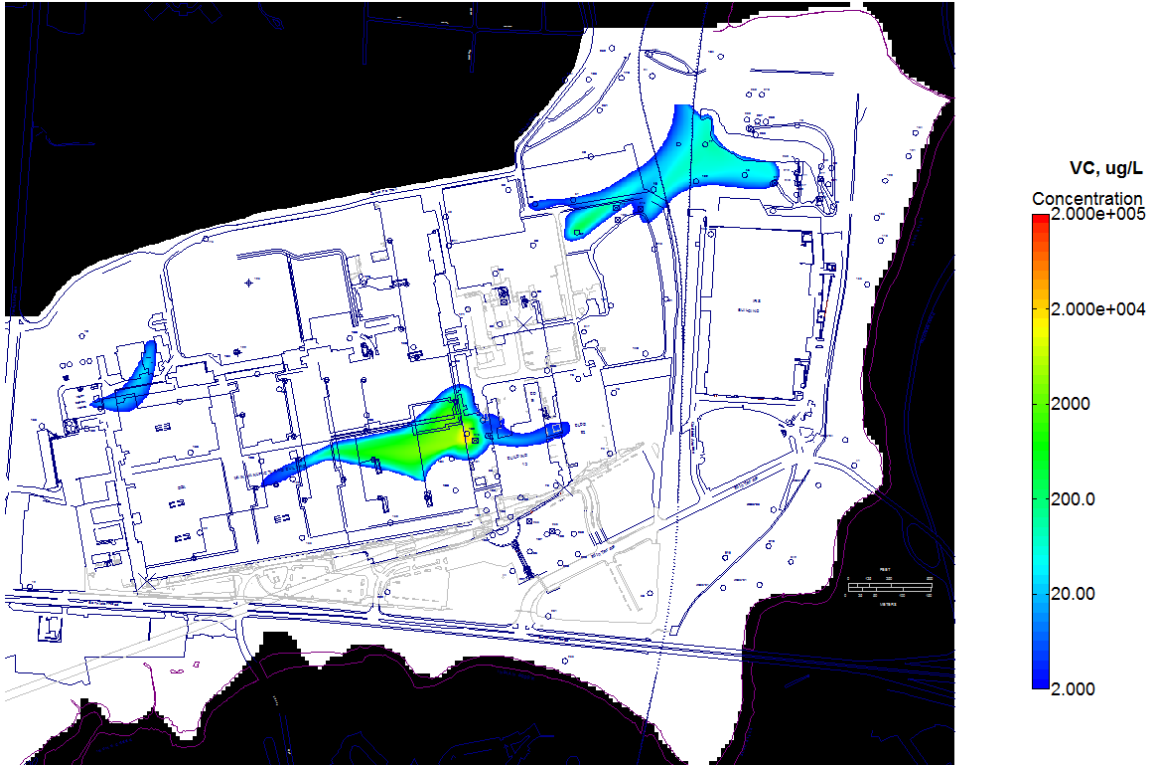
Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 320, 320 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 15: Plumes – VC, Current Conditions, 50% Source  
Concentration Reduction, 0% Source Concentration Reduction**

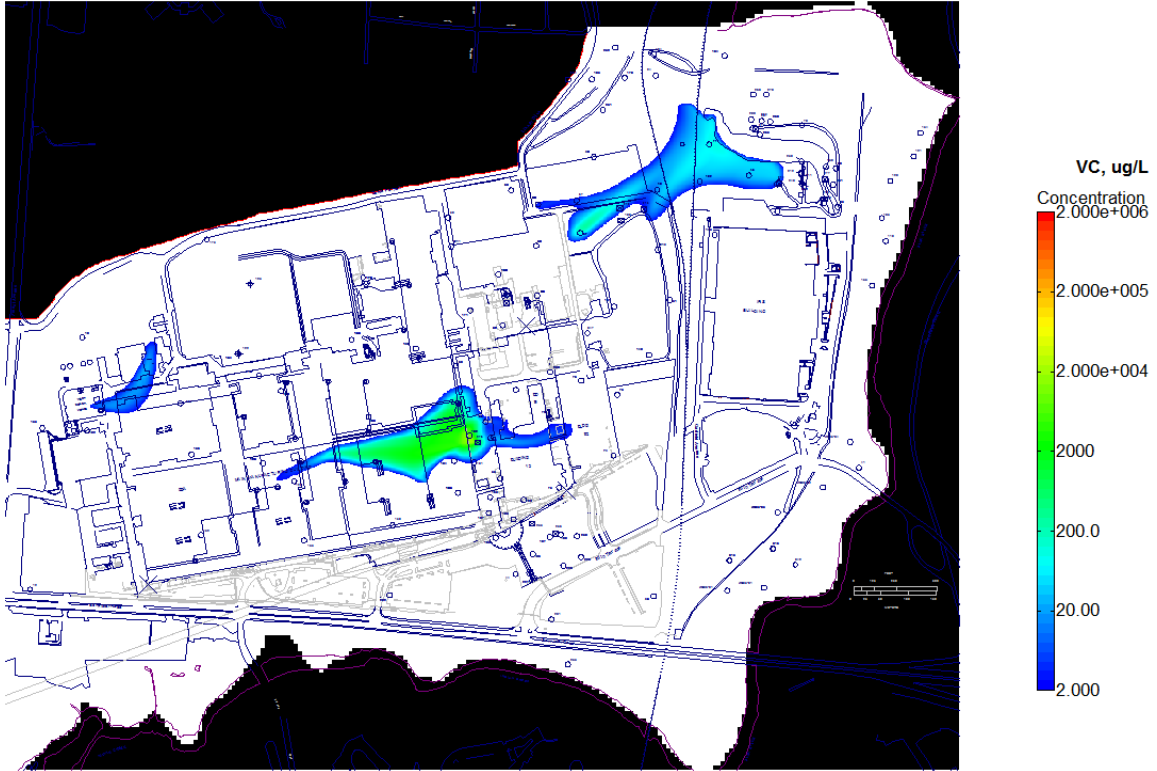


Current Conditions: Initial VC Concentrations



Current Conditions: VC, Year 1, 1 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 2, 2 years after source remediation



Current Conditions: VC, Year 3, 3 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 4, 4 years after source remediation



Current Conditions: VC, Year 5, 5 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction





Current Conditions: VC, Year 6 TO 250, source concentration stable



Current Conditions: VC, Year 255, 255 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 260, 260 years after source remediation



Current Conditions: VC, Year 270, 270 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 280, 280 years after source remediation



Current Conditions: VC, Year 290, 290 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 300, 300 years after source remediation



Current Conditions: VC, Year 310, 310 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



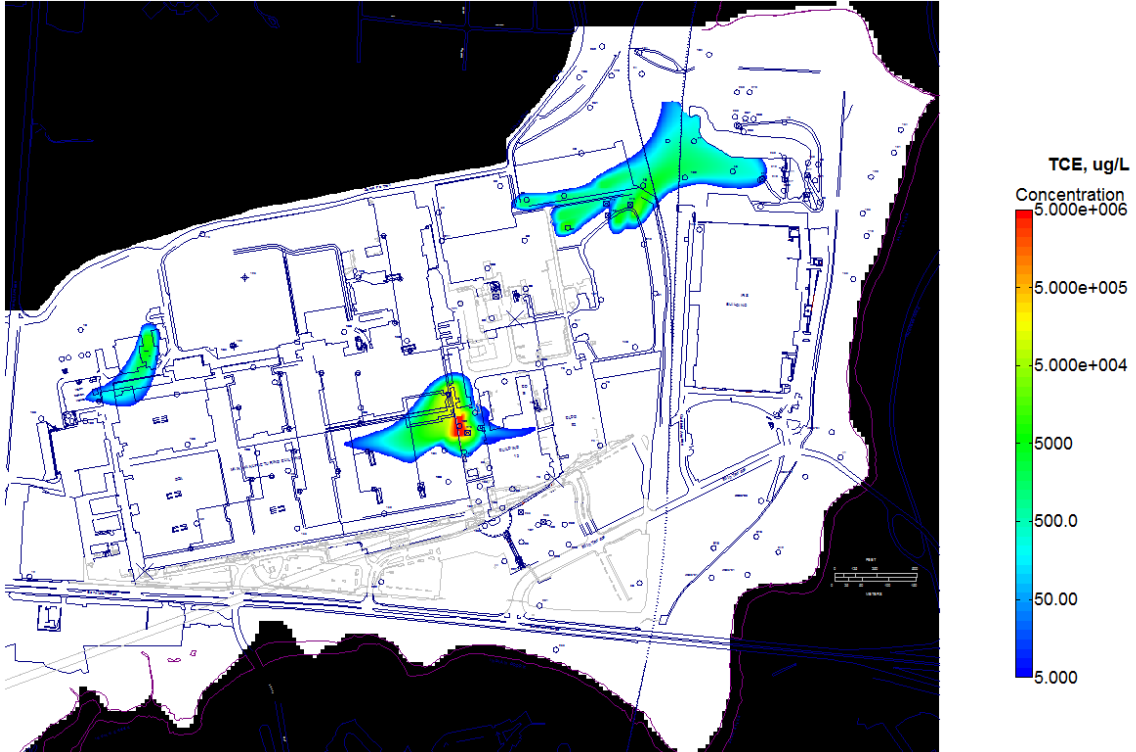
Current Conditions: VC, Year 320, 320 years after source remediation



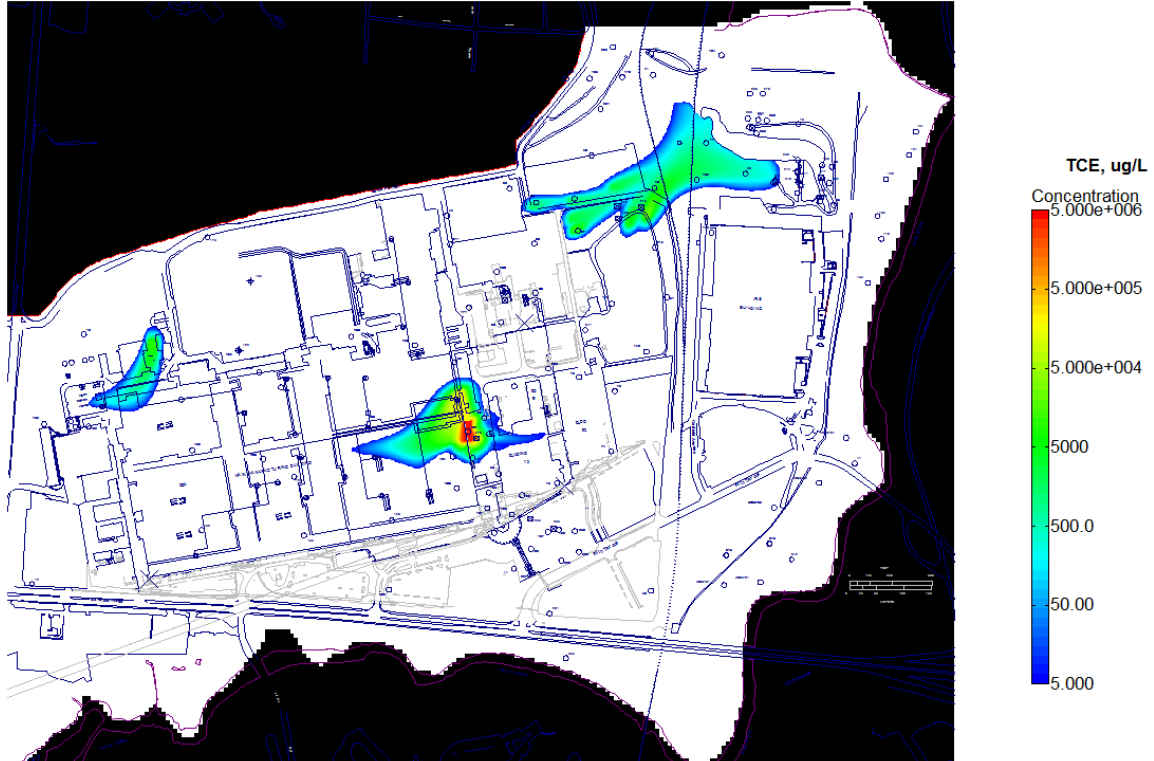
Current Conditions: VC, Year 330, 330 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 16: Plumes – TCE, Current Conditions, 75% Source  
Concentration Reduction, 0% Source Concentration Reduction**



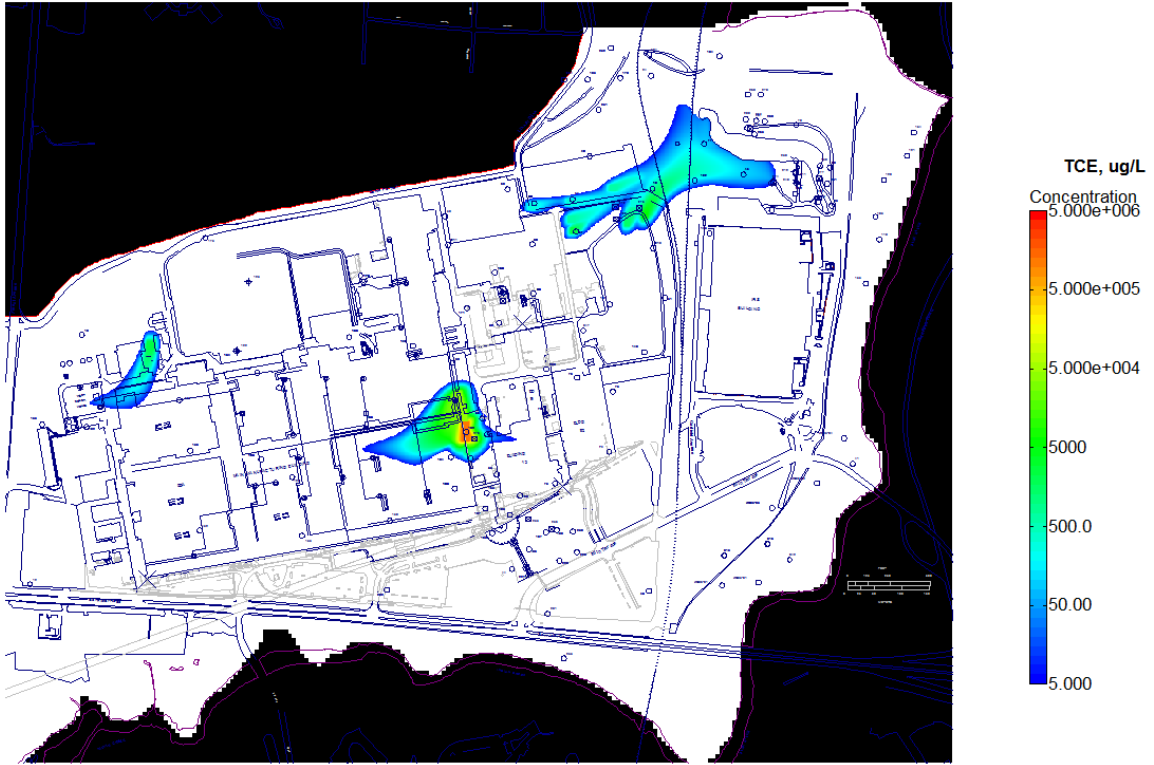
Current Conditions: Initial TCE Concentrations



Current Conditions: TCE, Year 10, 10 year after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



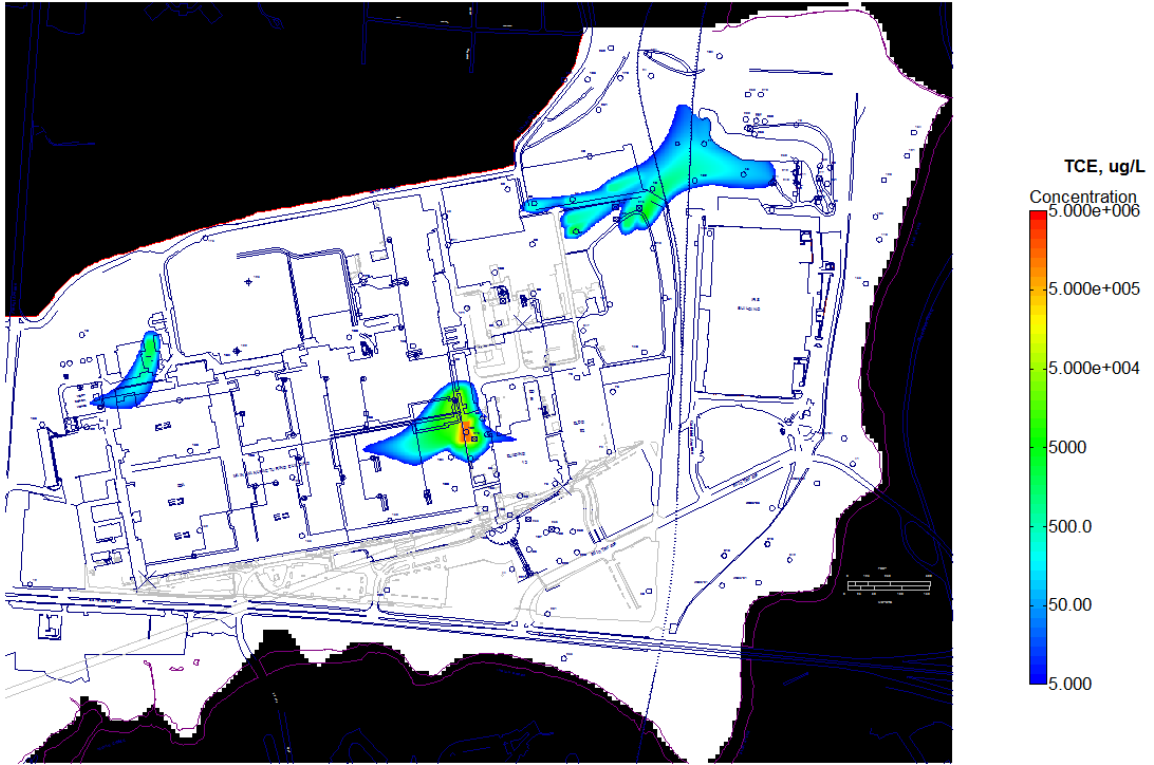


Current Conditions: TCE, Year 20, 20 year after source remediation



Current Conditions: TCE, Year 30, 30 year after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: TCE, Year 31 to 250, source concentration stable



Current Conditions: TCE, Year 255, 255 year after source remediation

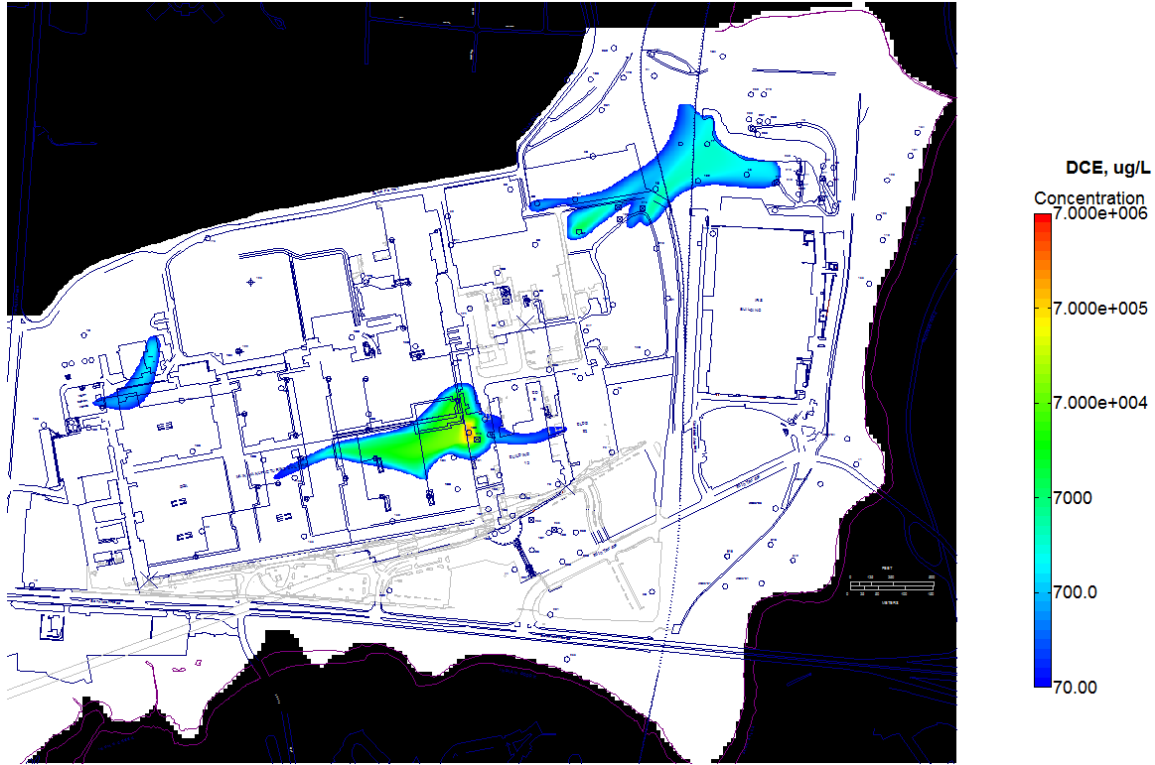
Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: TCE, Year 260, 260 year after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 17: Plumes – DCE, Current Conditions, 75% Source  
Concentration Reduction, 0% Source Concentration Reduction**



Current Conditions: Initial DCE Concentrations



Current Conditions: DCE, Year 10, 10 year after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 20, 20 year after source remediation



Current Conditions: DCE, Year 30, 30 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, 31 TO 250, source concentration stable



Current Conditions: DCE, Year 255, 255 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction





Current Conditions: DCE, Year 260, 260 years after source remediation



Current Conditions: DCE, Year 270, 270 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 280, 280 years after source remediation



Current Conditions: DCE, Year 290, 290 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



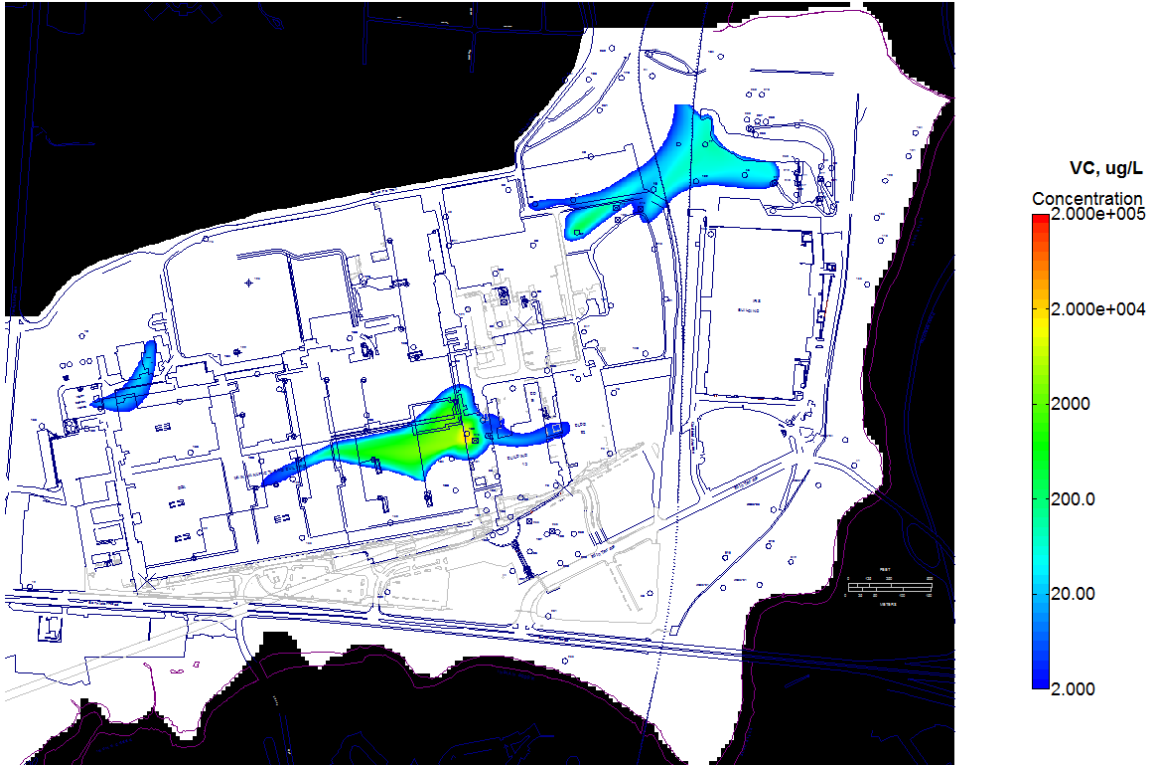
Current Conditions: DCE, Year 300, 300 years after source remediation



Current Conditions: DCE, Year 310, 310 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 18: Plumes – VC, Current Conditions, 75% Source  
Concentration Reduction, 0% Source Concentration Reduction**



Current Conditions: Initial VC Concentrations



Current Conditions: VC, Year 10, 10 year after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 20, 20 years after source remediation



Current Conditions: VC, Year 30, 30 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 6 To 250, source concentration stable



Current Conditions: VC, Year 255, 255 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction





Current Conditions: VC, Year 260, 260 years after source remediation



Current Conditions: VC, Year 270, 270 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 280, 280 years after source remediation



Current Conditions: VC, Year 290, 290 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 300, 300 years after source remediation



Current Conditions: VC, Year 310, 310 years after source remediation

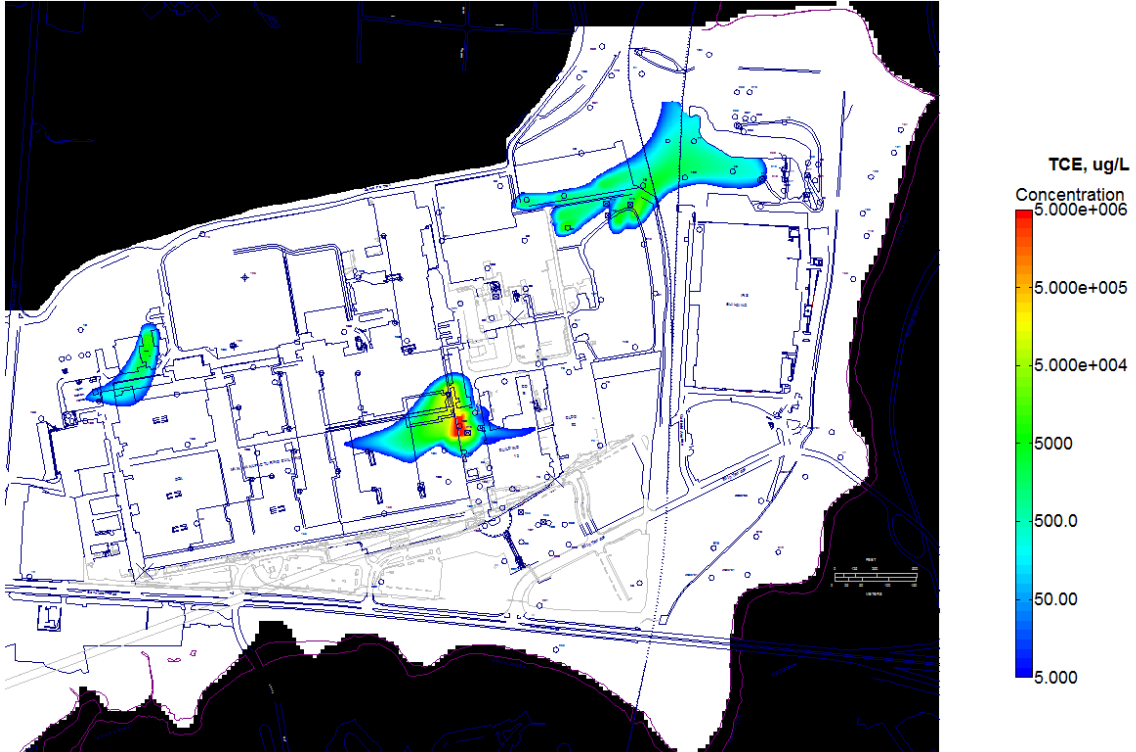
Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 320, 320 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 19: Plumes – TCE, Current Conditions, 95% Source  
Concentration Reduction, 0% Source Concentration Reduction**



Current Conditions: Initial TCE Concentrations



Current Conditions: TCE, Year 5, 5 year after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: TCE, Year 10, 10 year after source remediation



Current Conditions: TCE, Year 13, 13 year after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction





Current Conditions: TCE, Years 14 to 250, source concentration stable



Current Conditions: TCE, Year 252, 252 year after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: TCE, Year 257, 257 year after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 20: Plumes – DCE, Current Conditions, 95% Source  
Concentration Reduction, 0% Source Concentration Reduction**



Current Conditions: Initial DCE Concentrations



Current Conditions: DCE, Year 5, 5 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 10, 10 years after source remediation



Current Conditions: DCE, Year 13, 13 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Years 14 to 250, source concentration stable



Current Conditions: DCE, Year 257, 257 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 267, 267 years after source remediation



Current Conditions: DCE, Year 277, 277 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction





Current Conditions: DCE, Year 287, 287 years after source remediation



Current Conditions: DCE, Year 297, 297 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 307, 307 years after source remediation



Current Conditions: DCE, Year 317, 317 years after source remediation

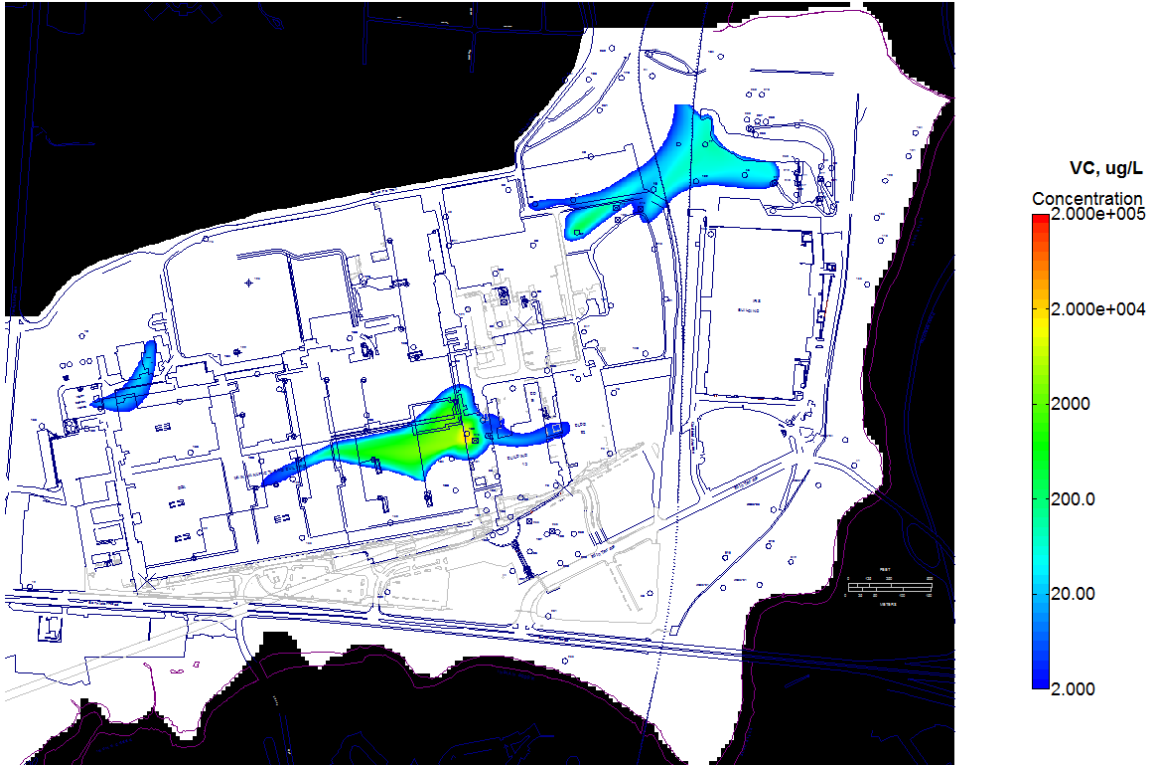
Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: DCE, Year 327, 327 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 21: Plumes – VC, Current Conditions, 95% Source  
Concentration Reduction, 0% Source Concentration Reduction**

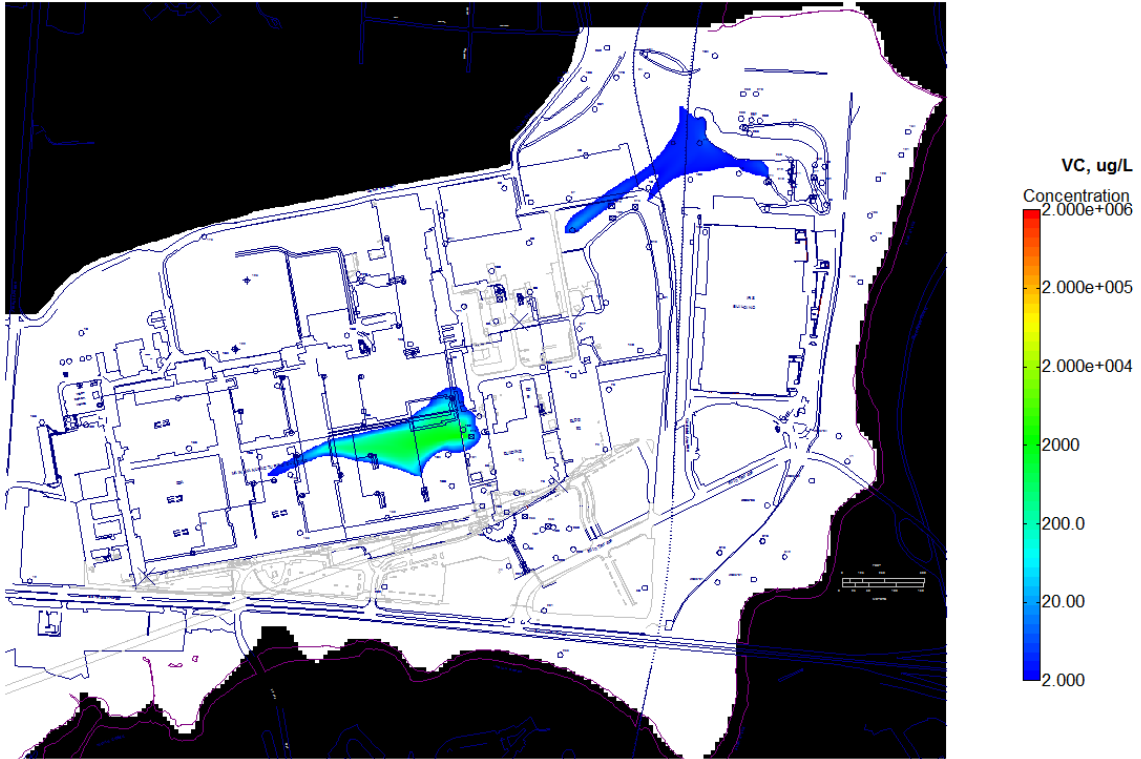


Current Conditions: Initial VC Concentrations



Current Conditions: VC, Year 5, 5 year after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 10, 10 years after source remediation



Current Conditions: VC, Year 13, 13 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



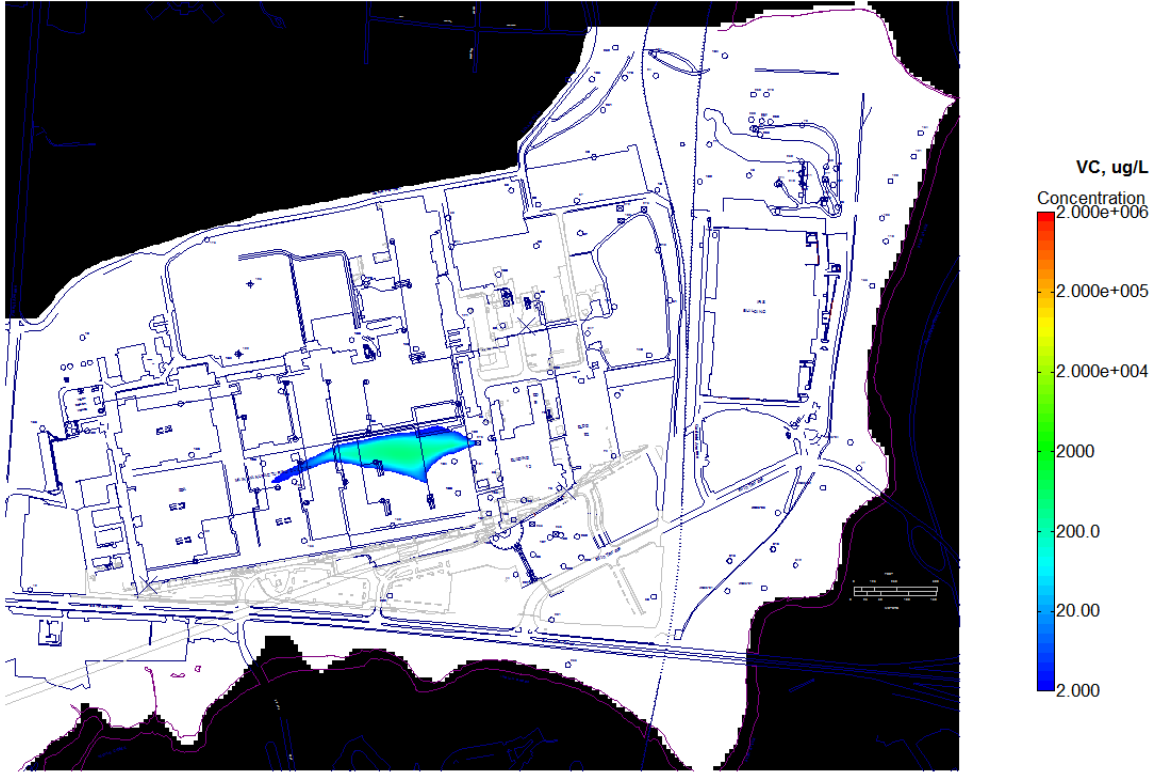
Current Conditions: DCE, Years 14 to 250, source concentration stable



Current Conditions: VC, Year 257, 257 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction





Current Conditions: VC, Year 267, 267 years after source remediation



Current Conditions: VC, Year 277, 277 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 287, 287 years after source remediation



Current Conditions: VC, Year 297, 297 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Current Conditions: VC, Year 307, 307 years after source remediation



Current Conditions: VC, Year 317, 317 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



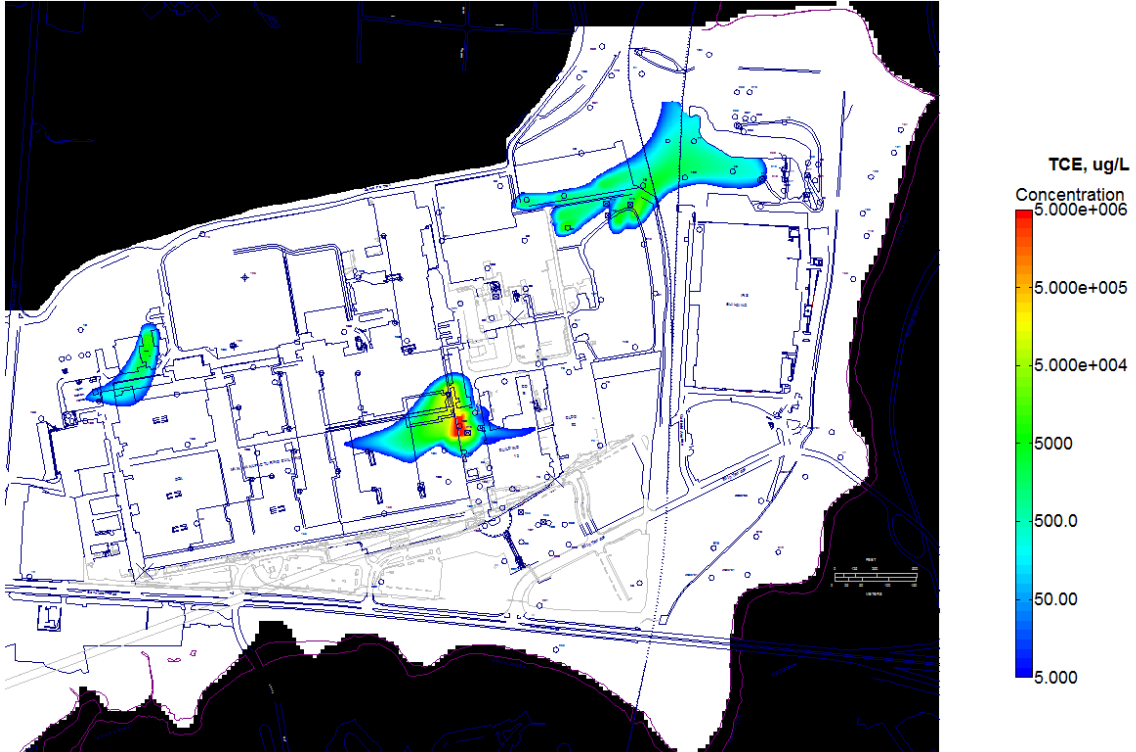
Current Conditions: VC, Year 327, 327 years after source remediation



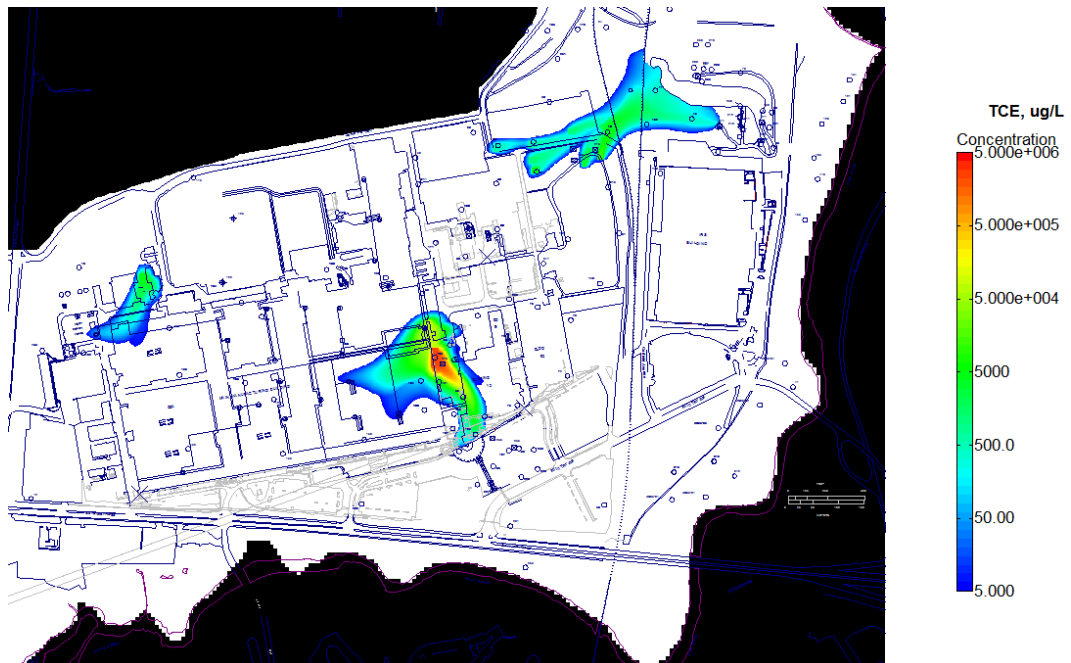
Current Conditions: VC, Year 337, 337 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 22: Plumes – TCE, Future Conditions, 50% Source  
Concentration Reduction, 0% Source Concentration Reduction**

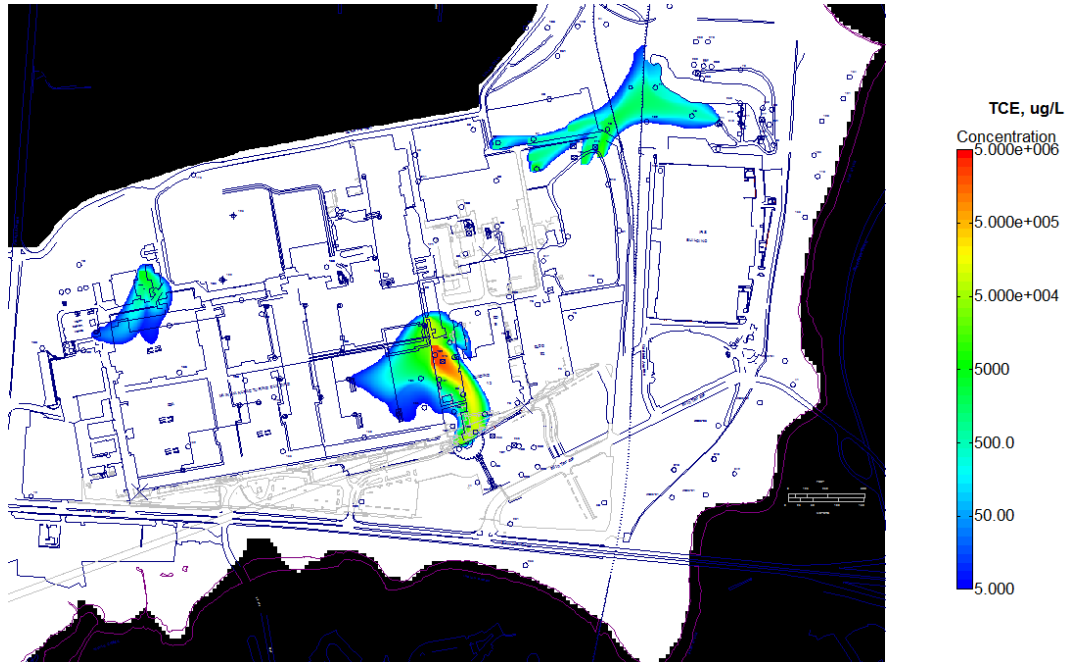


Future Conditions: Initial TCE Concentrations

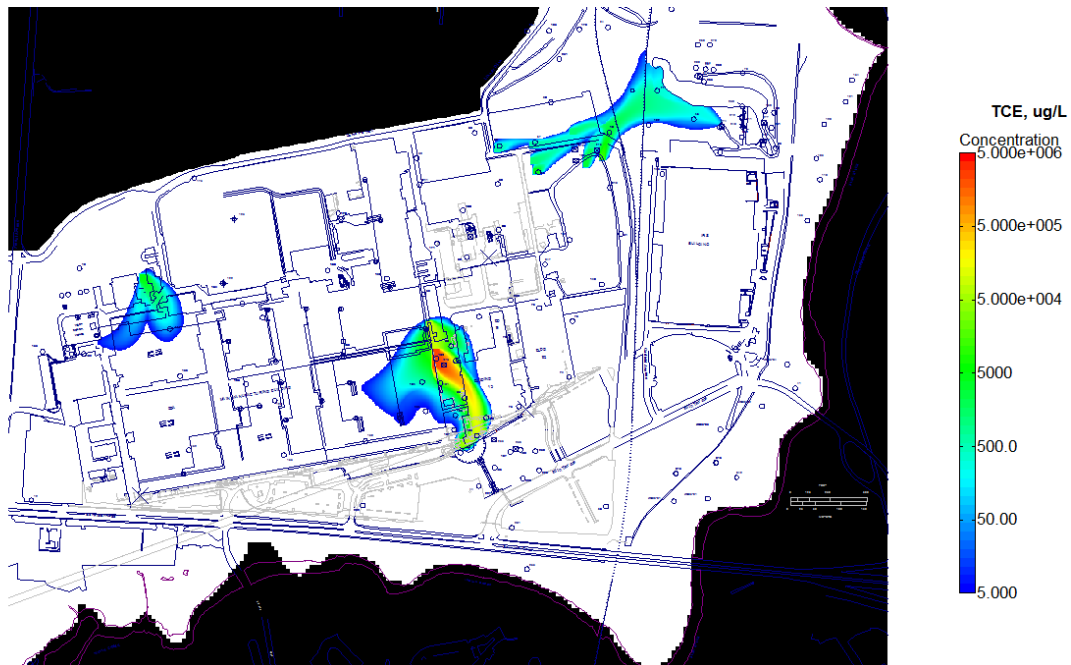


Future Conditions: TCE, Year 1, 1 year after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



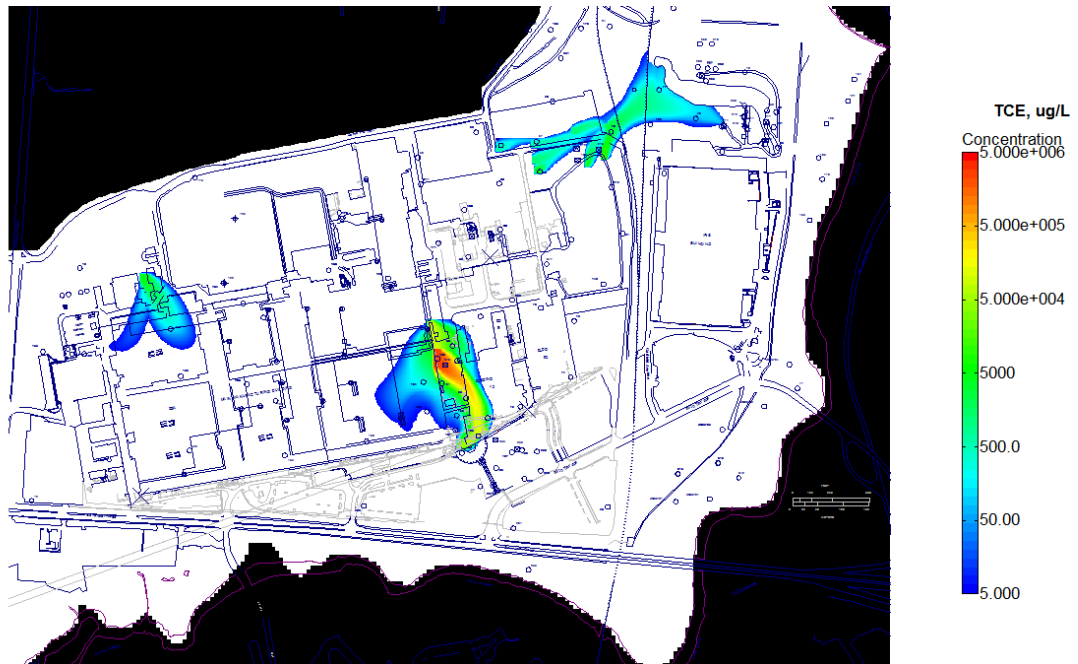
Future Conditions: TCE, Year 2, 2 years after source remediation



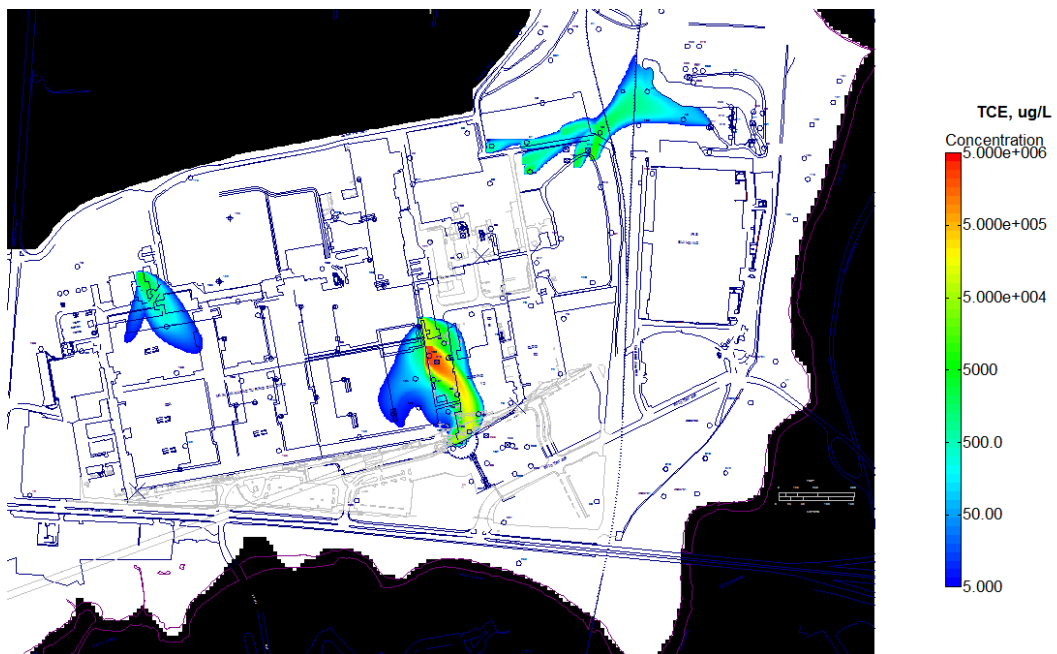
Future Conditions: TCE, Year 3, 3 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



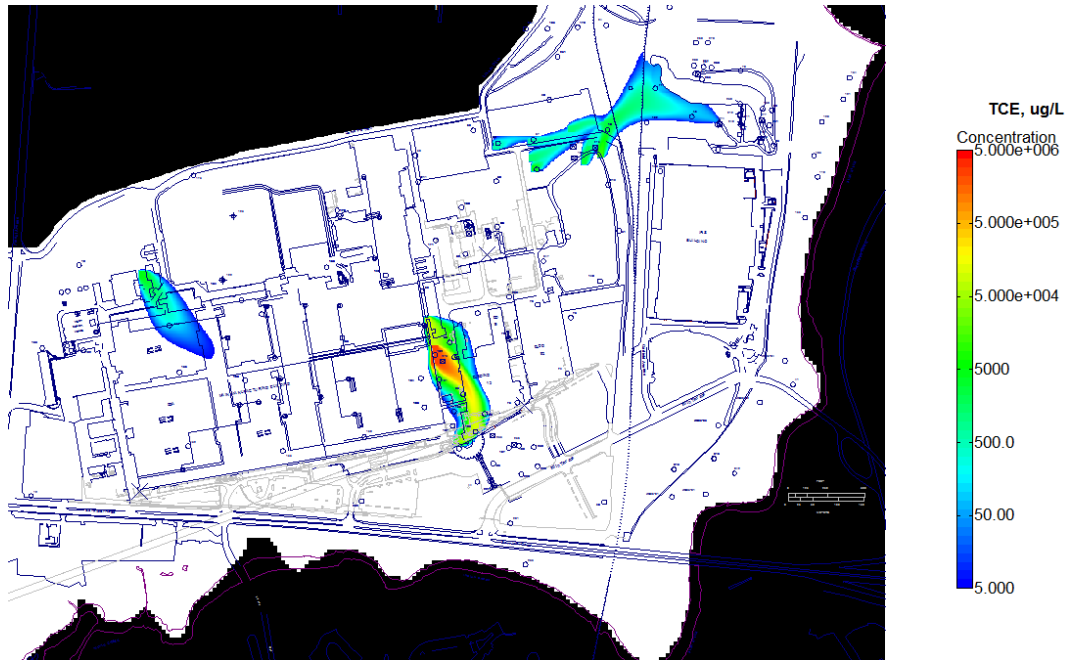


Future Conditions: TCE, Year 4, 4 years after source remediation

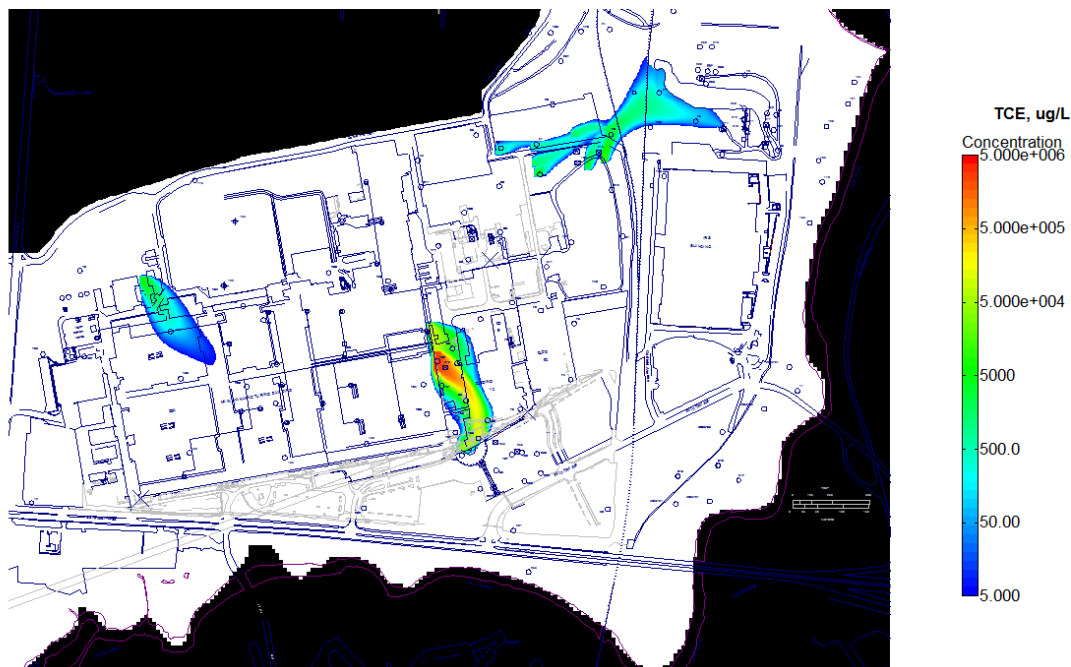


Future Conditions: TCE, Year 5, 5 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

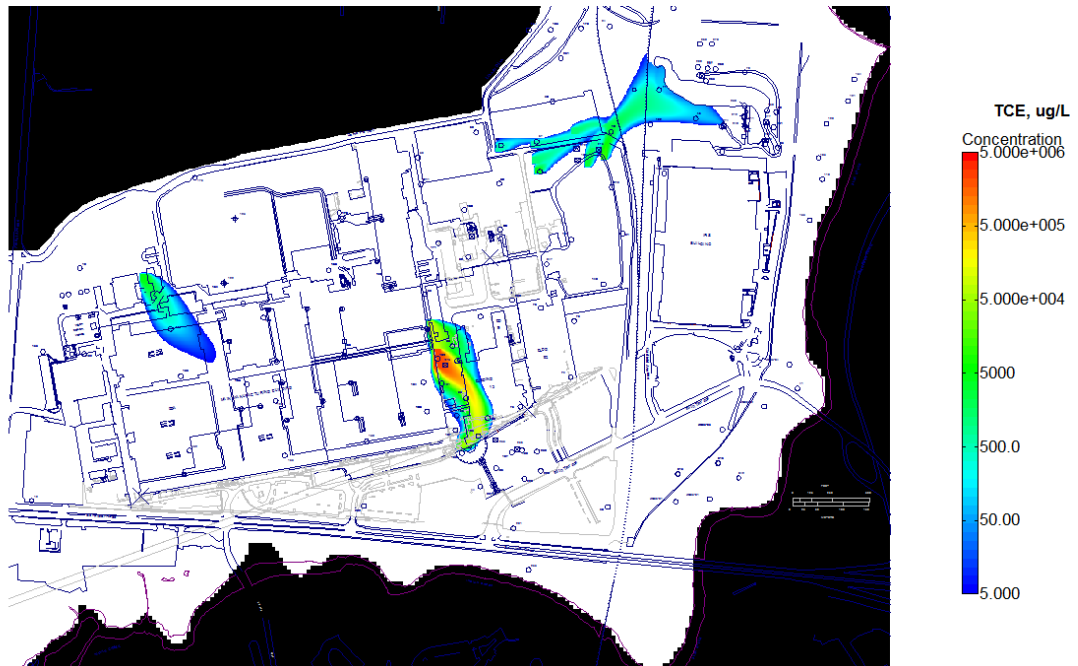


Future Conditions: TCE, Year 10, 10 years after source remediation

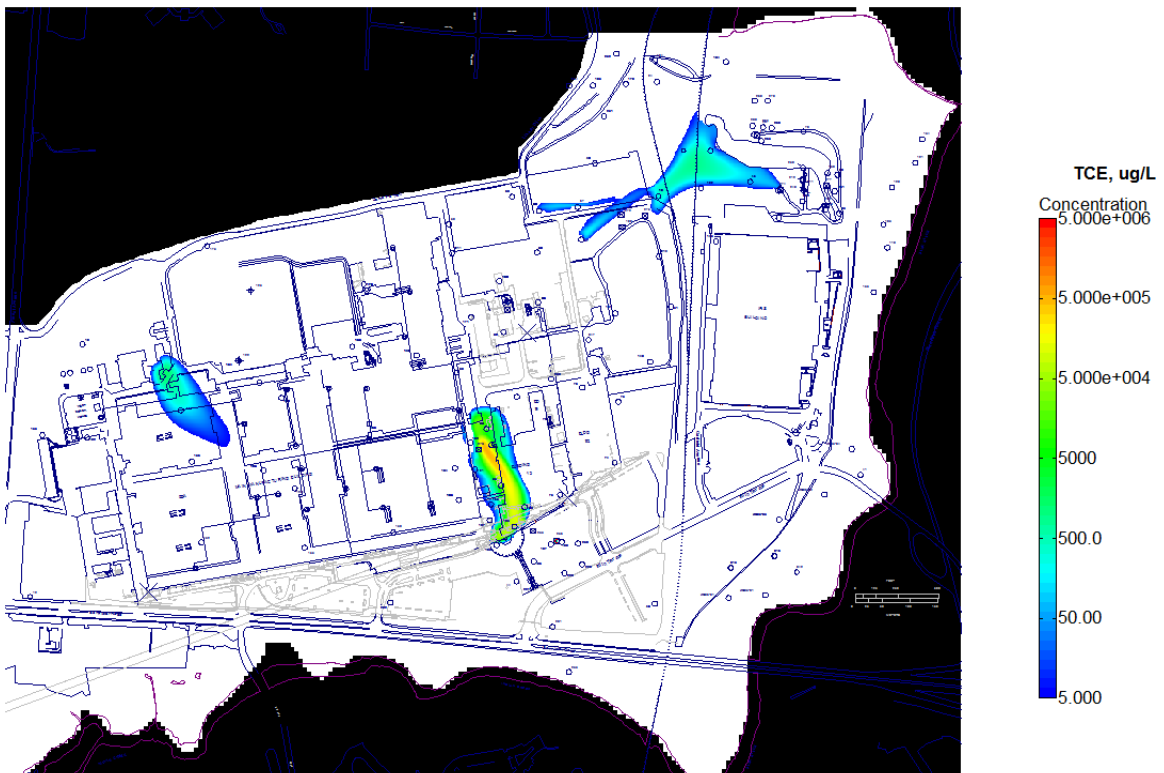


Future Conditions: TCE, Year 20, 20 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

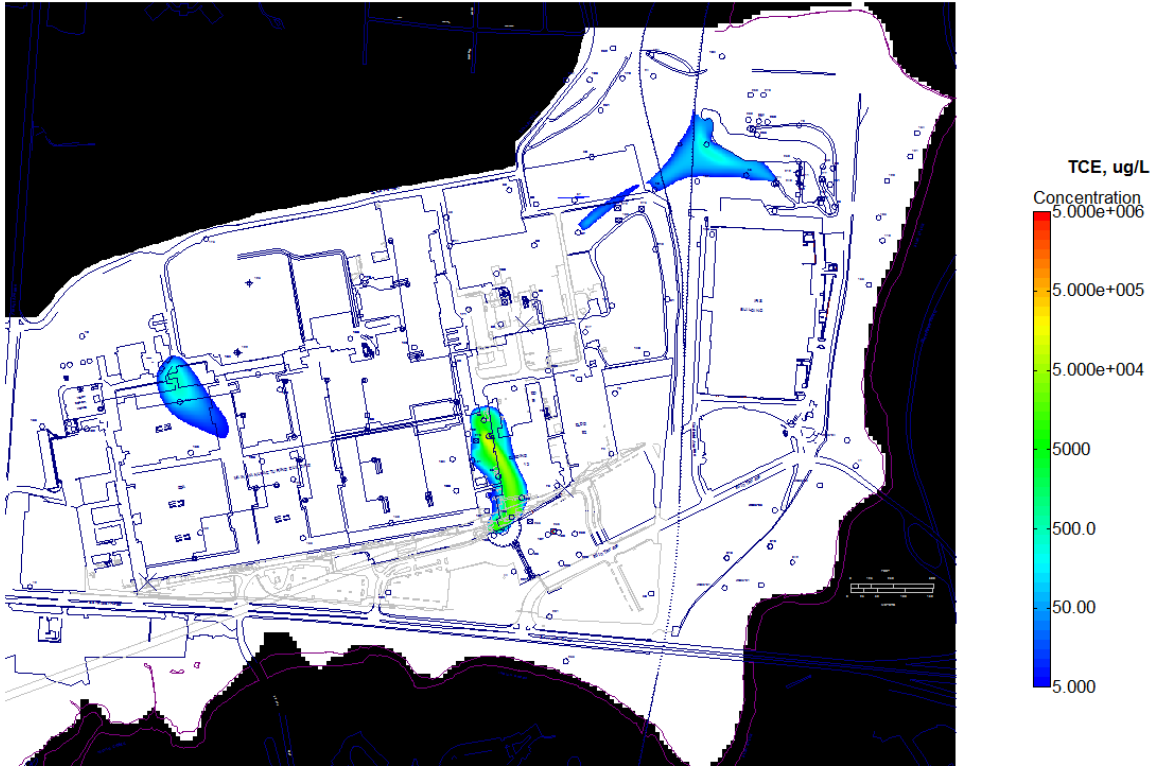


Future Conditions: TCE, Year 21 to 250, source concentration stable



Future Conditions: TCE, Year 251, 251 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

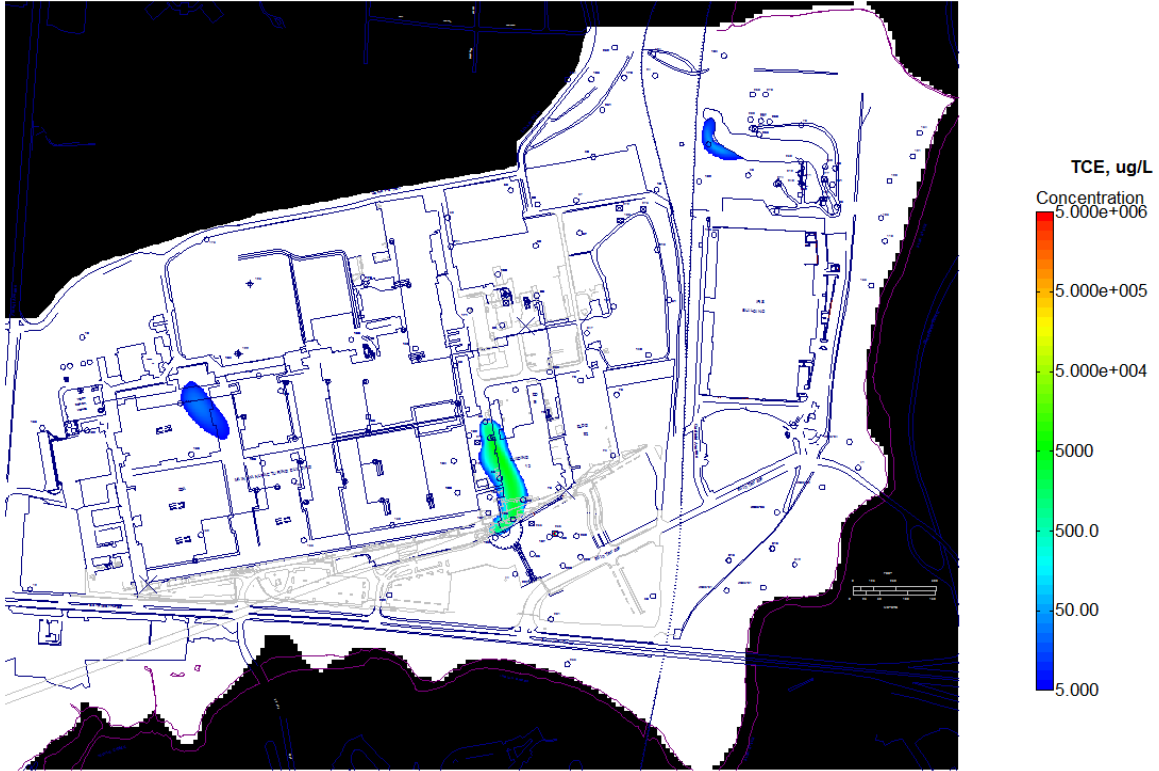


Future Conditions: TCE, Year 252, 252 years after source remediation



Future Conditions: TCE, Year 253, 253 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: TCE, Year 254, 254 years after source remediation



Future Conditions: TCE, Year 255, 255 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

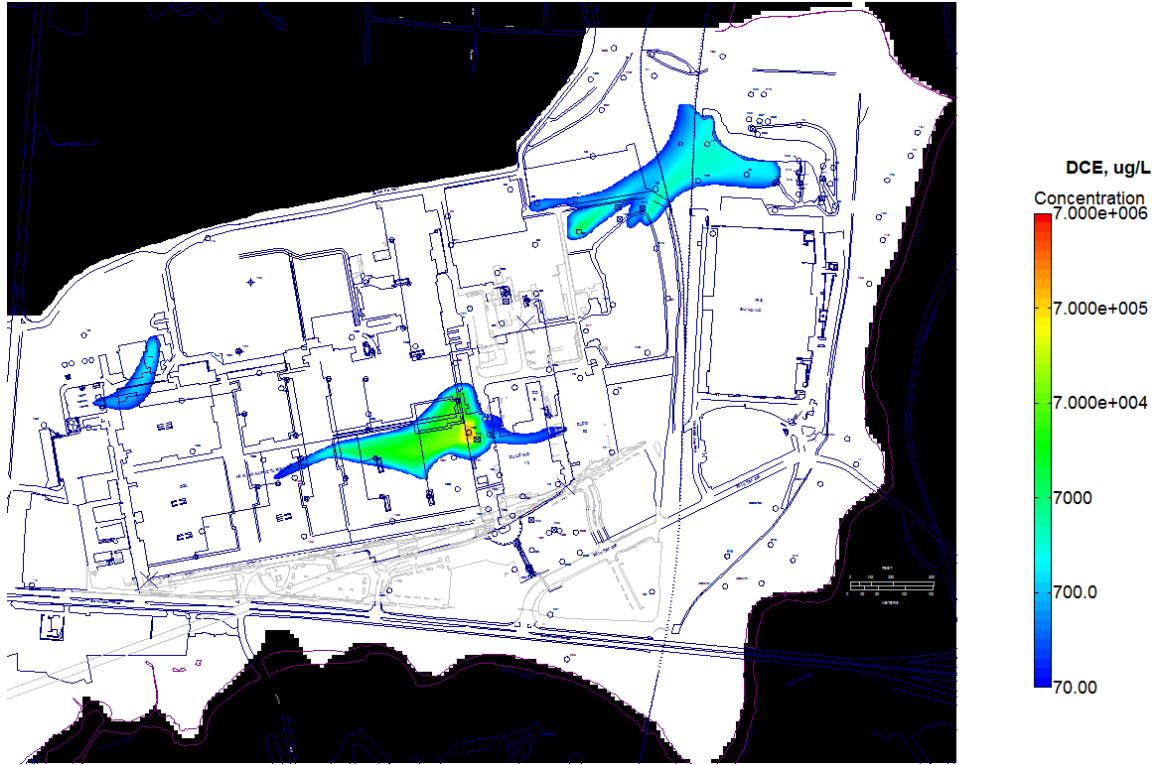


Future Conditions: TCE, Year 260, 260 years after source remediation

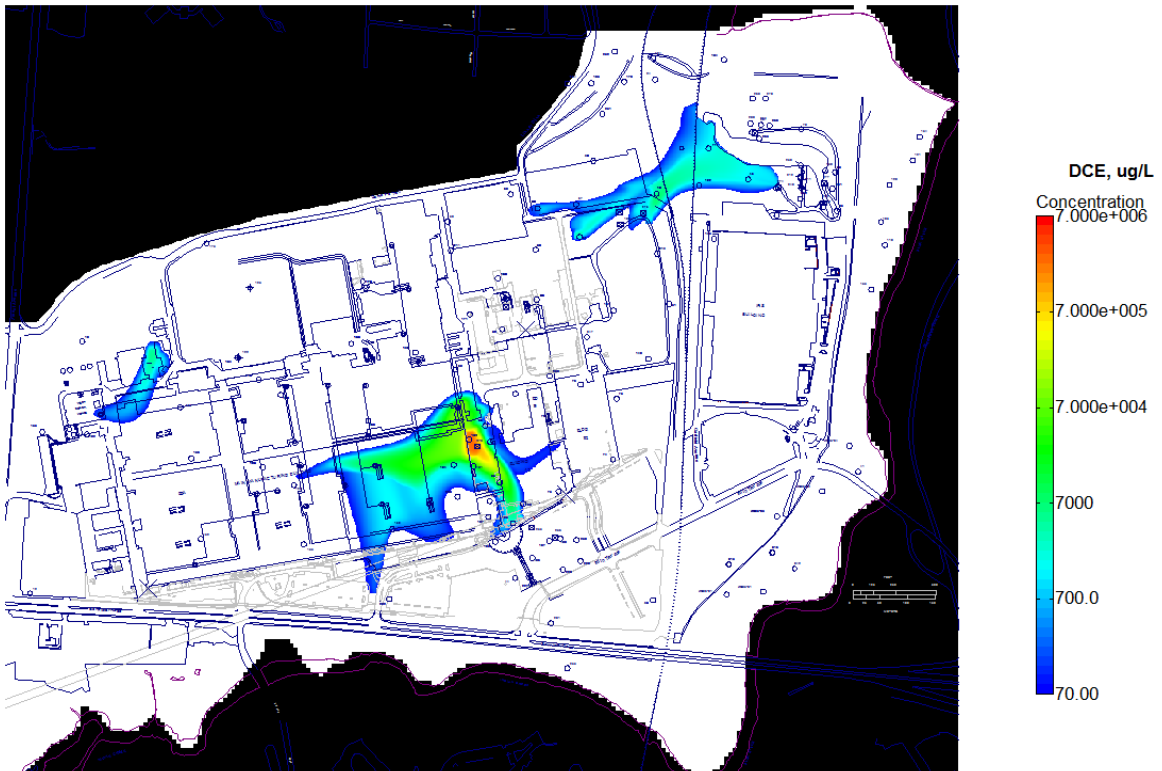
Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 23: Plumes – DCE, Future Conditions, 50% Source  
Concentration Reduction, 0% Source Concentration Reduction**



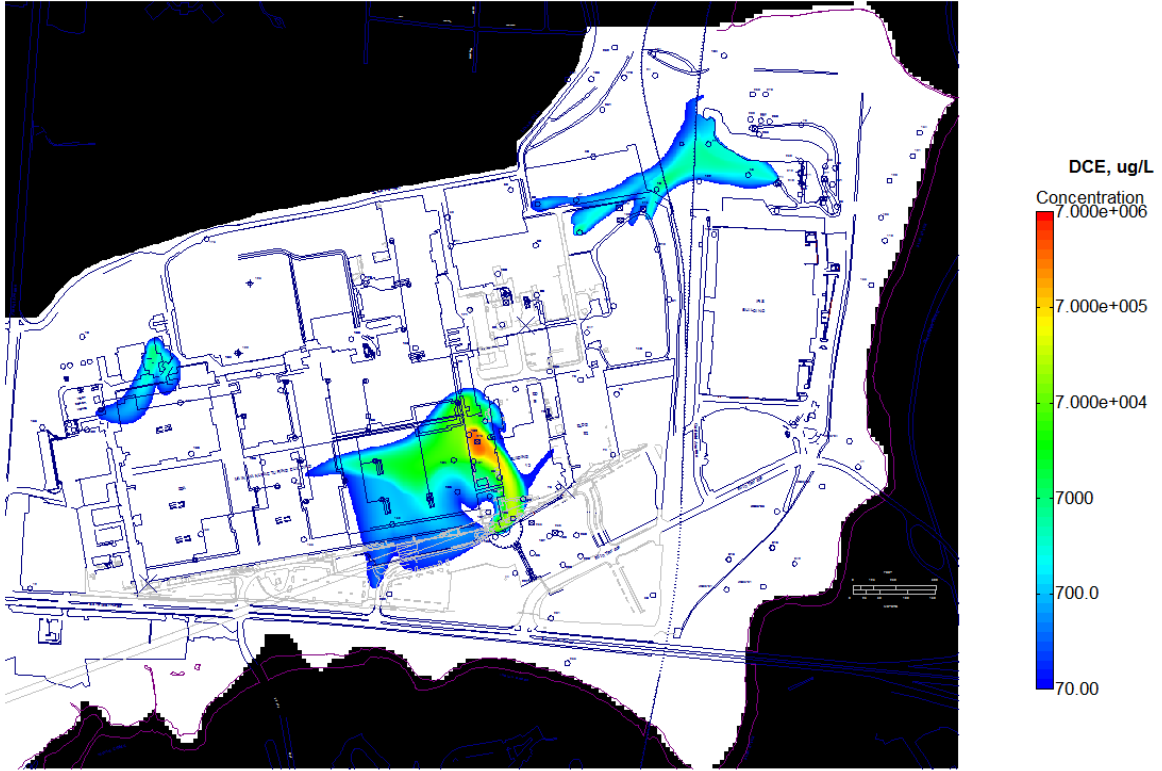


Future Conditions: Initial DCE Concentrations

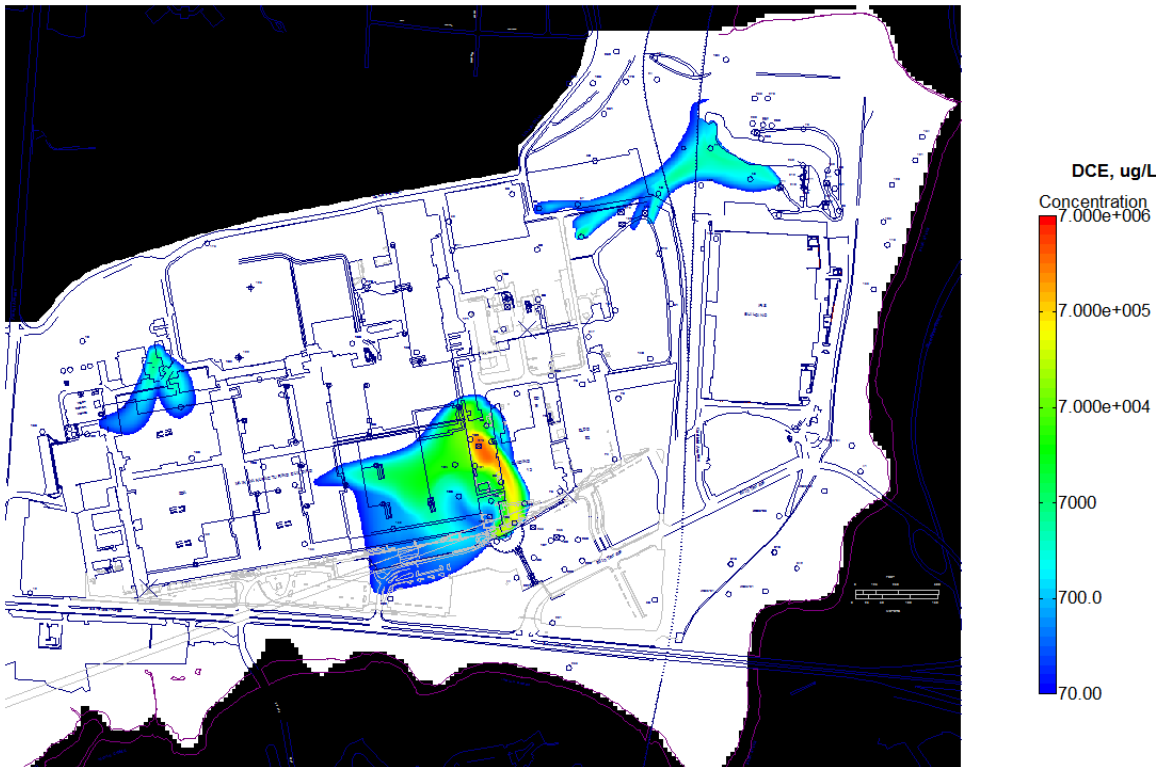


Future Conditions: DCE, Year 1, 1 year after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

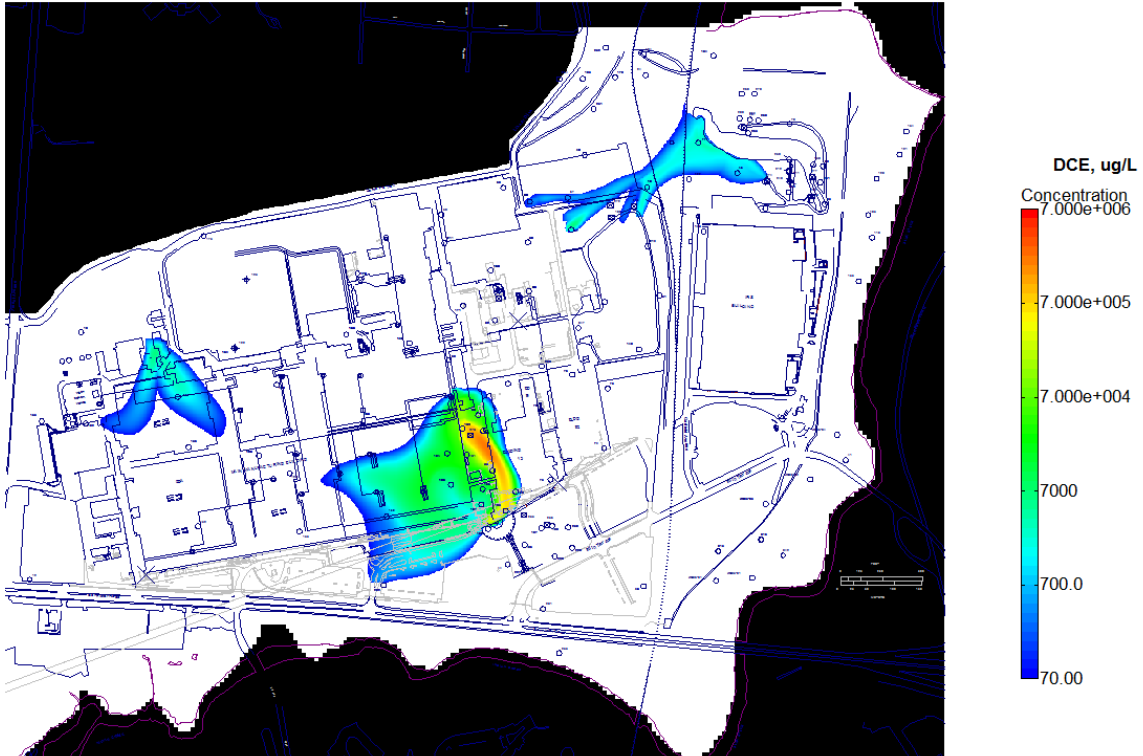


Future Conditions: DCE, Year 2, 2 years after source remediation

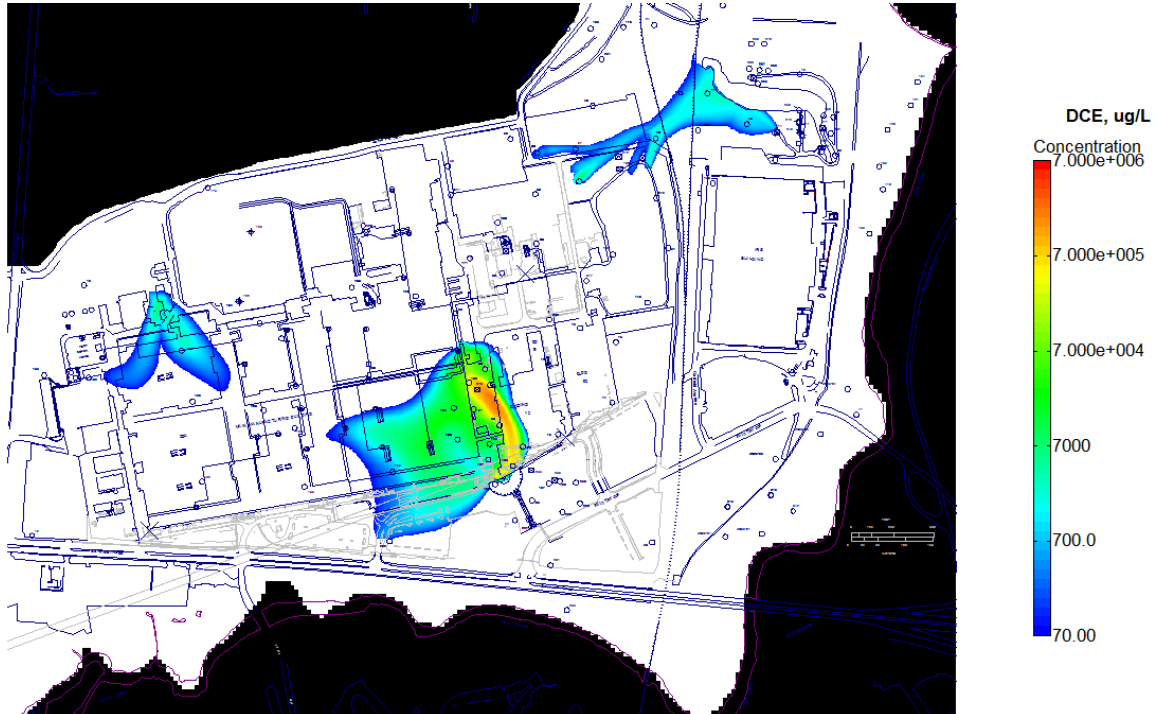


Future Conditions: DCE, Year 3, 3 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

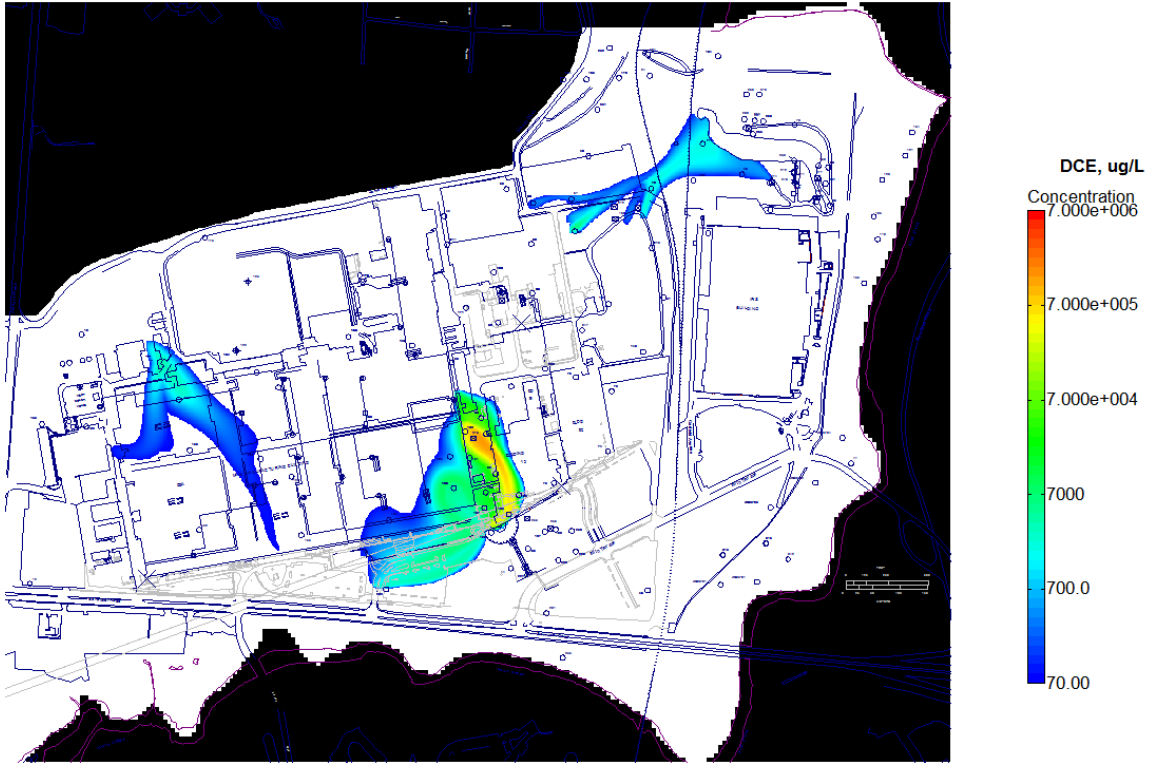


Future Conditions: DCE, Year 4, 4 years after source remediation

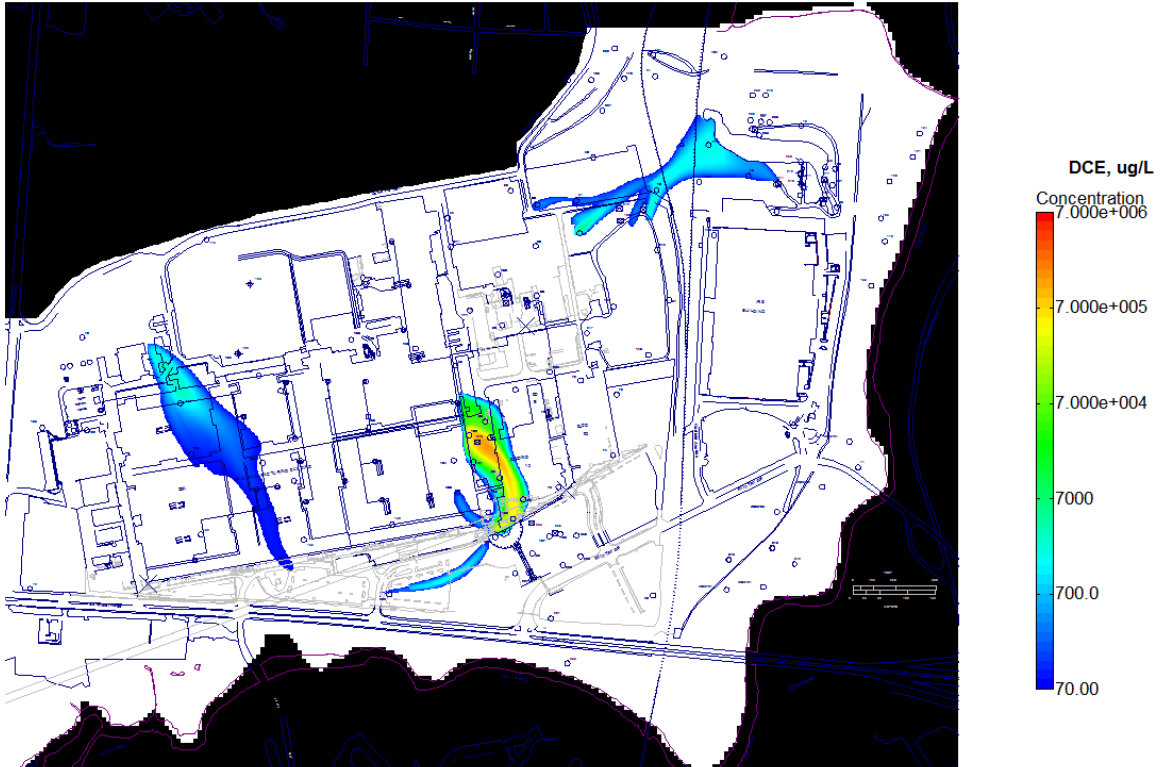


Future Conditions: DCE, Year 5, 5 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

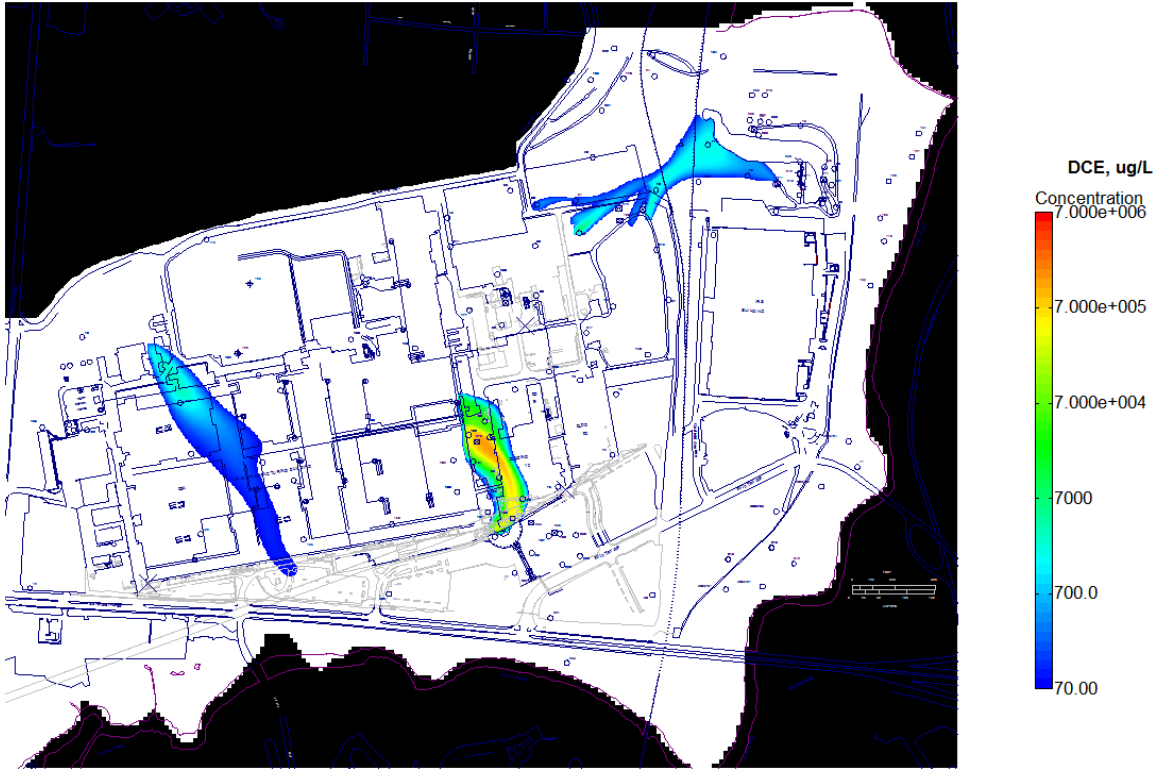


Future Conditions: DCE, Year 10, 10 years after source remediation

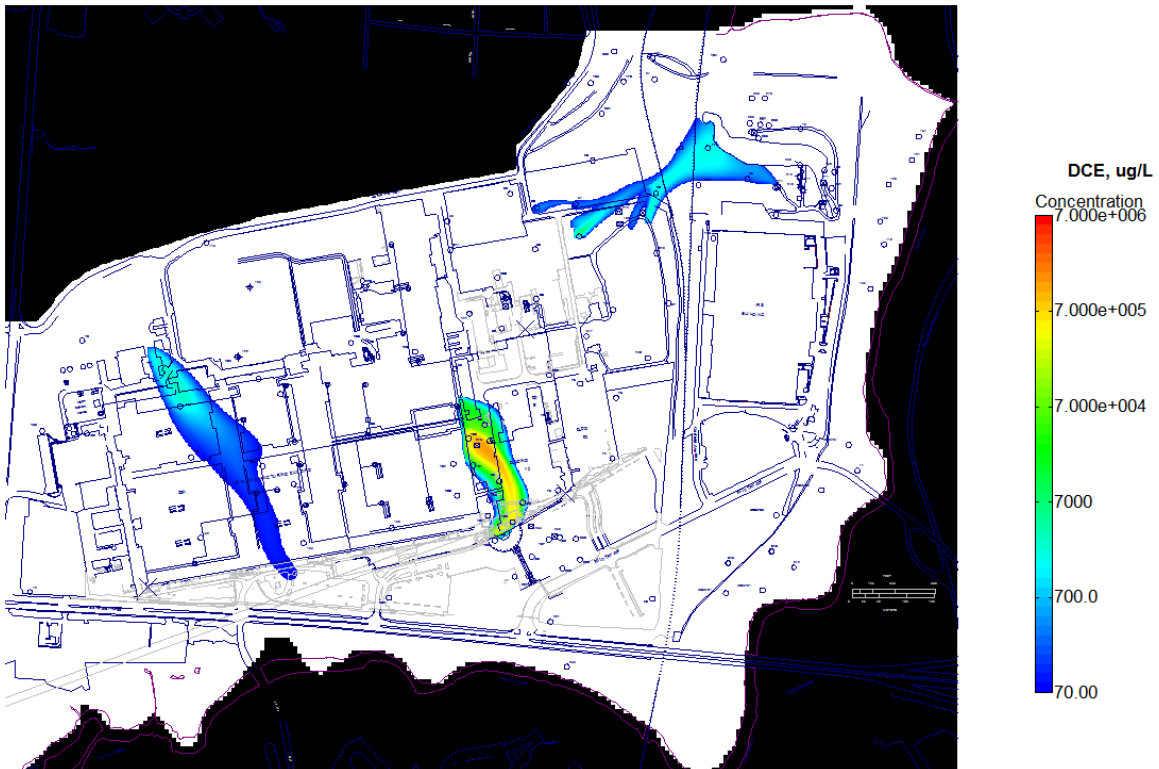


Future Conditions: DCE, Year 20, 20 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



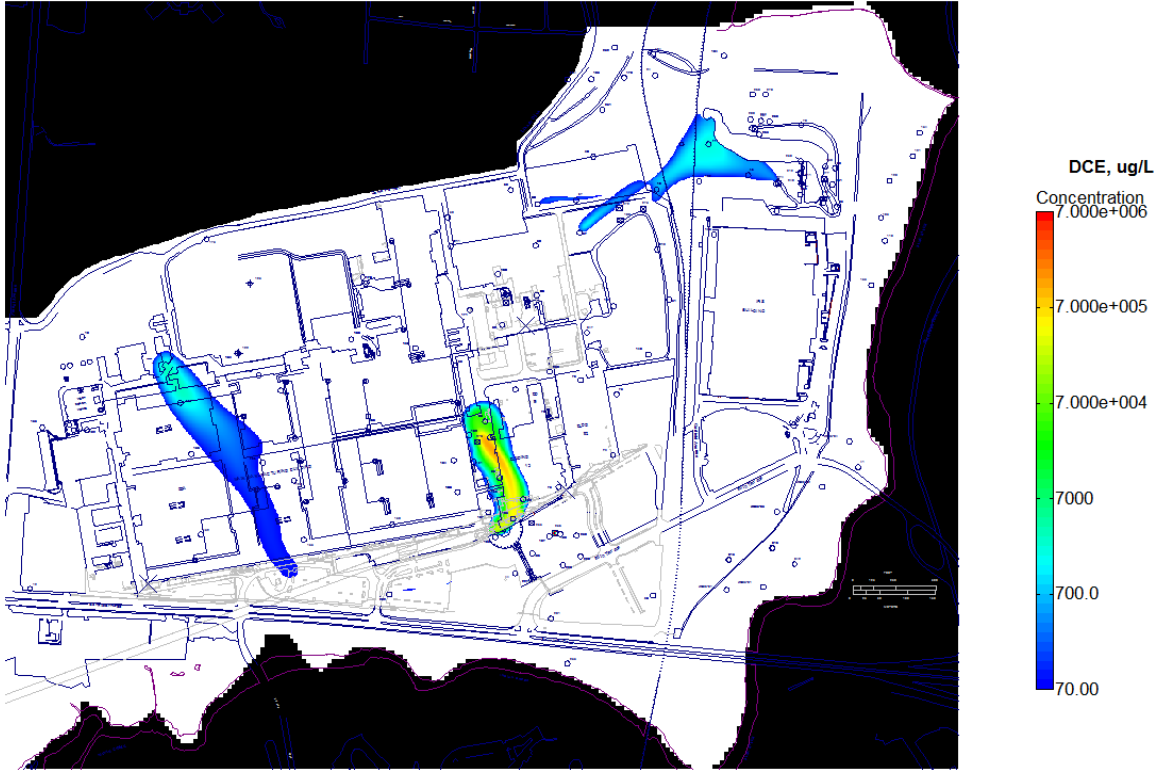
Future Conditions: DCE, Year 30, 30 years after source remediation



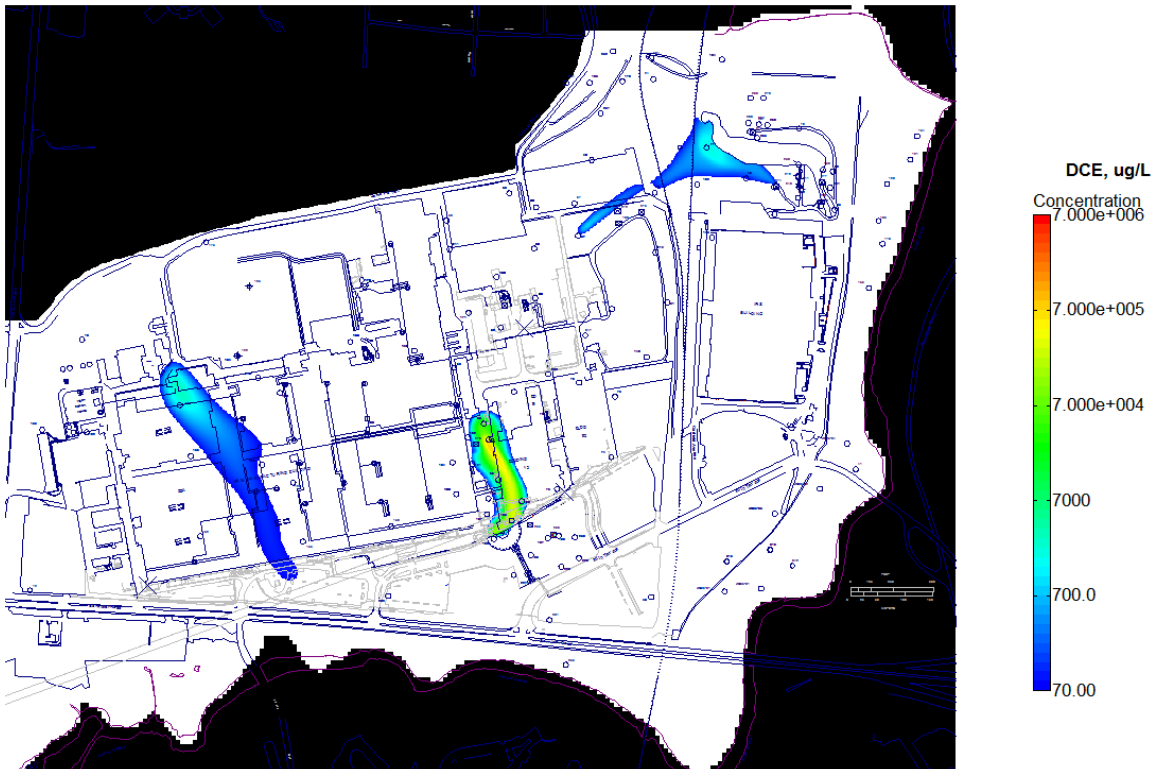
Future Conditions: DCE, Year 31 to 250, source concentration stable

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



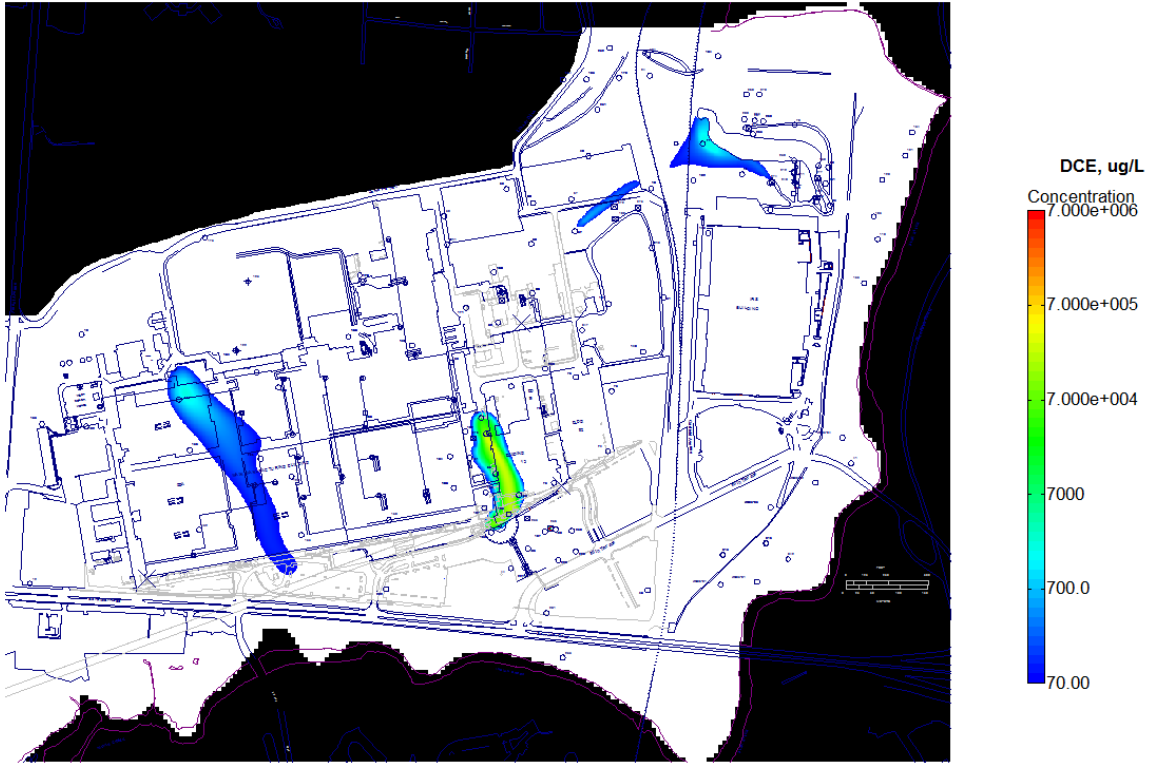


Future Conditions: DCE, Year 251, 251 years after source remediation



Future Conditions: DCE, Year 252, 252 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: DCE, Year 253, 253 years after source remediation



Future Conditions: DCE, Year 254, 254 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction





Future Conditions: DCE, Year 255, 255 years after source remediation<sup>5</sup>



Future Conditions: DCE, Year 260, 260 years after source remediation

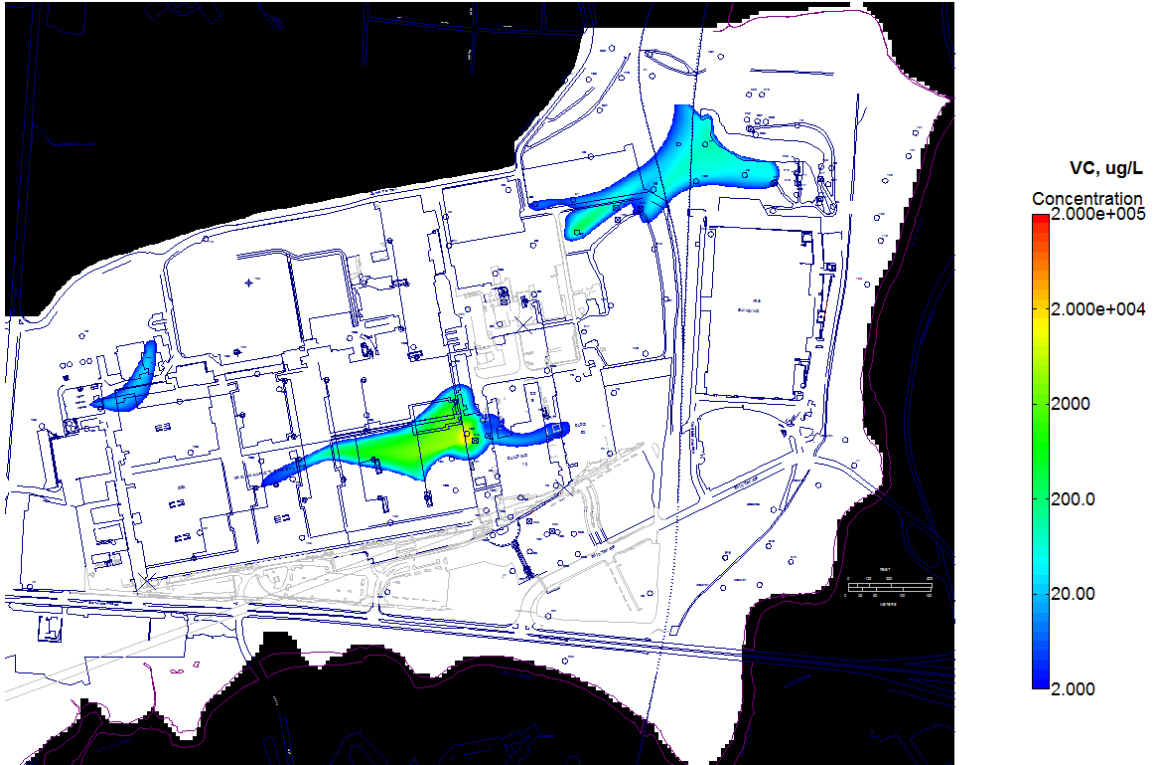
Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



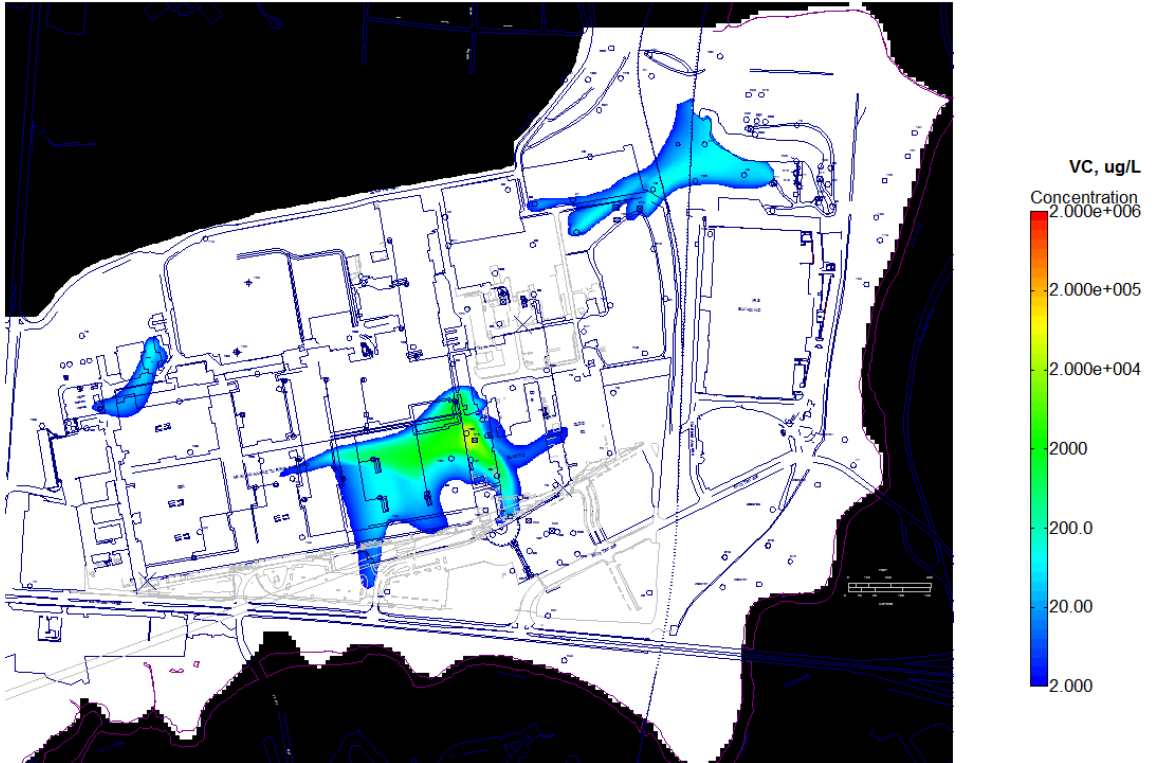
Future Conditions: DCE, Year 270, 270 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 24: Plumes – VC, Future Conditions, 50% Source  
Concentration Reduction, 0% Source Concentration Reduction**

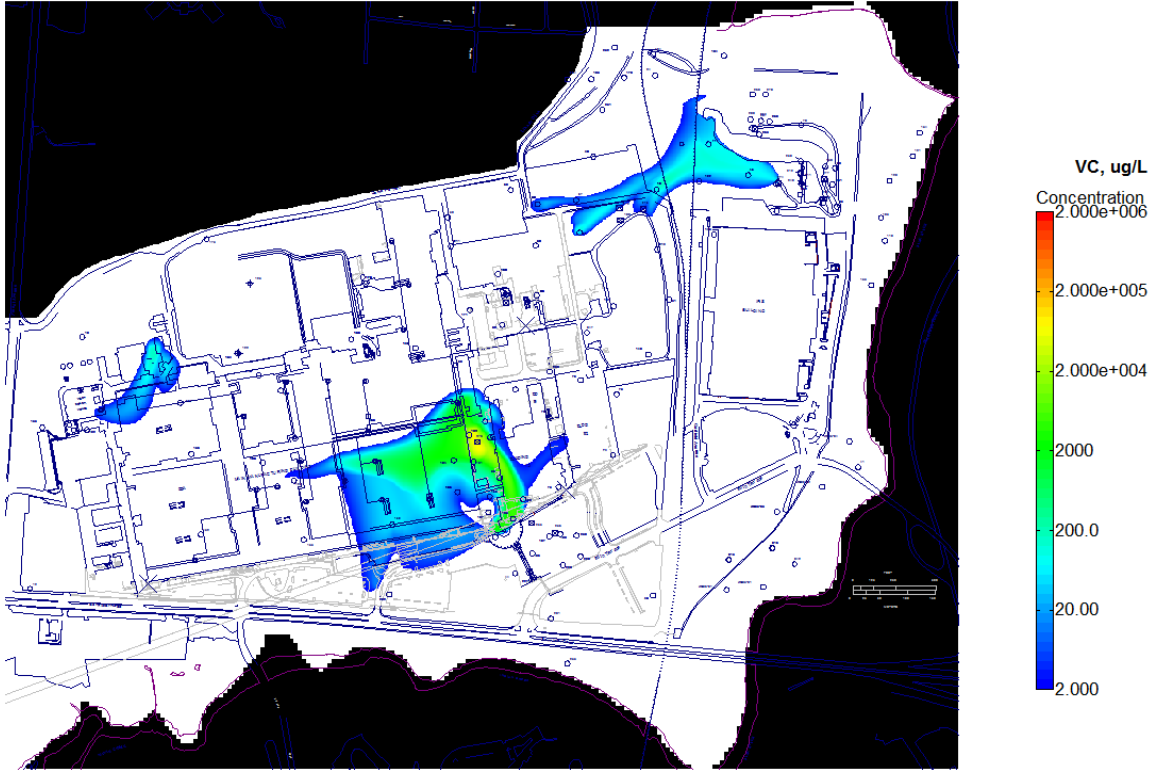


Future Conditions: Initial VC Concentrations

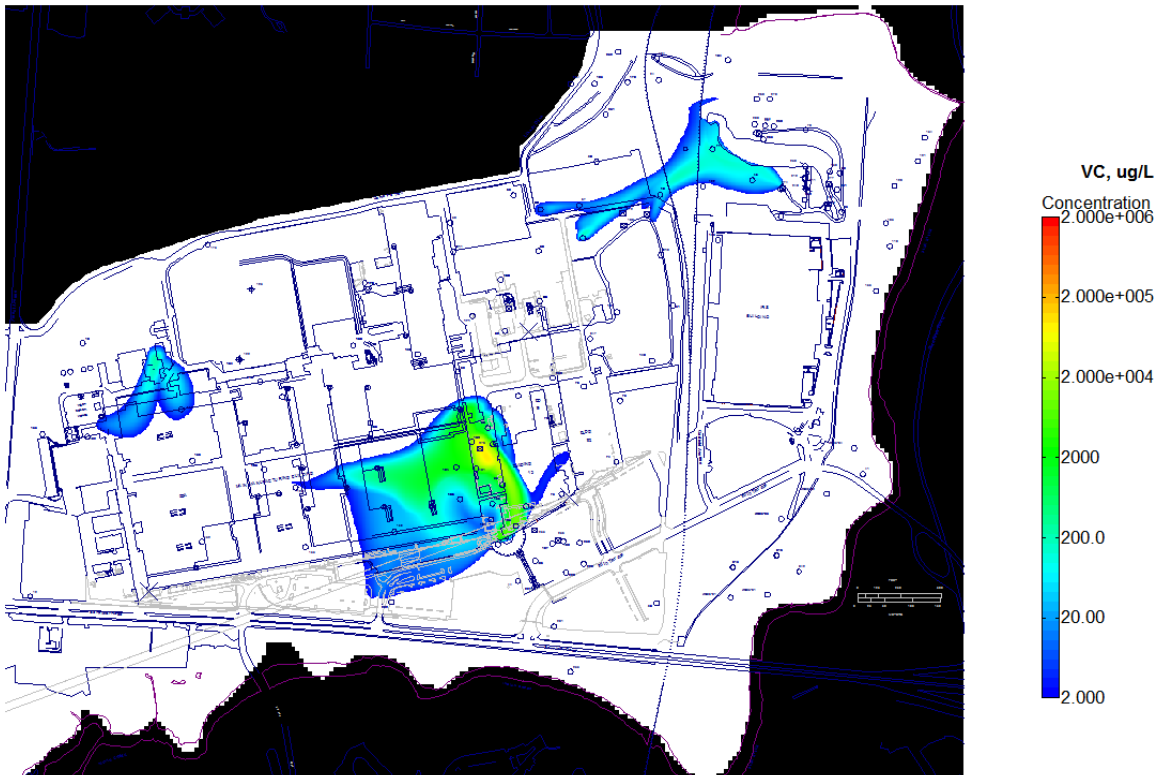


Future Conditions: VC, Year 1, 1 year after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

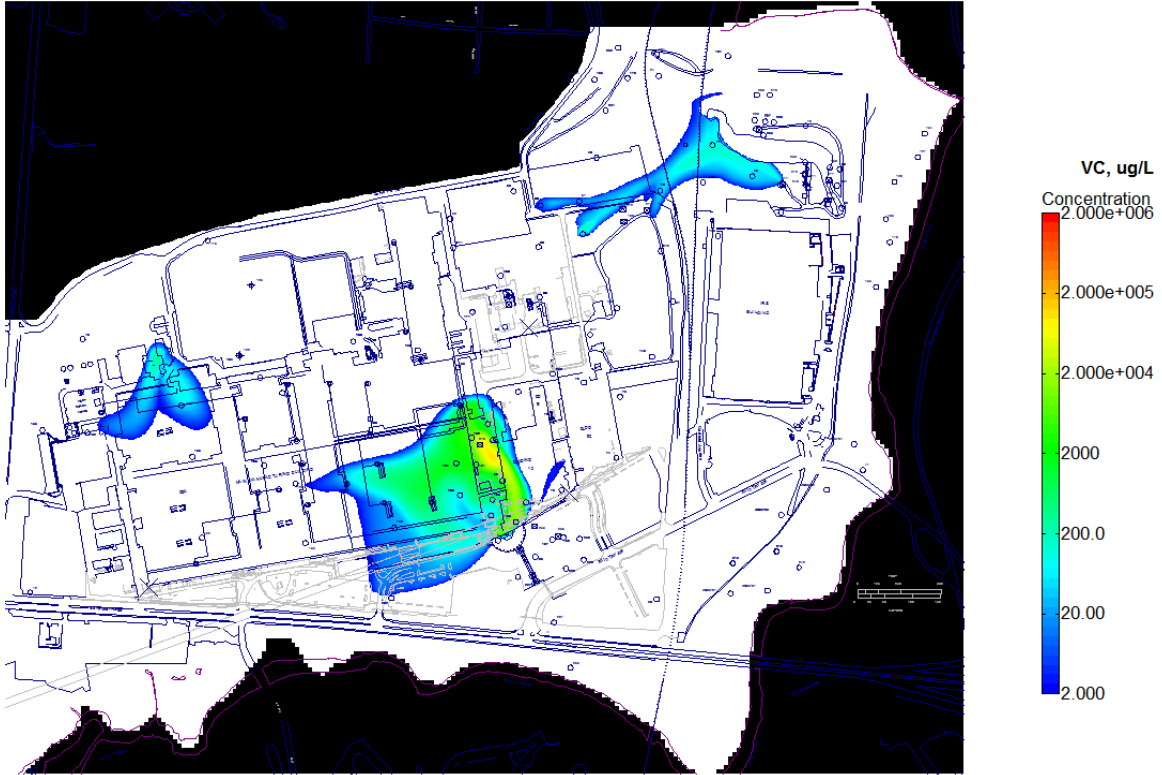


Future Conditions: VC, Year 2, 2 years after source remediation

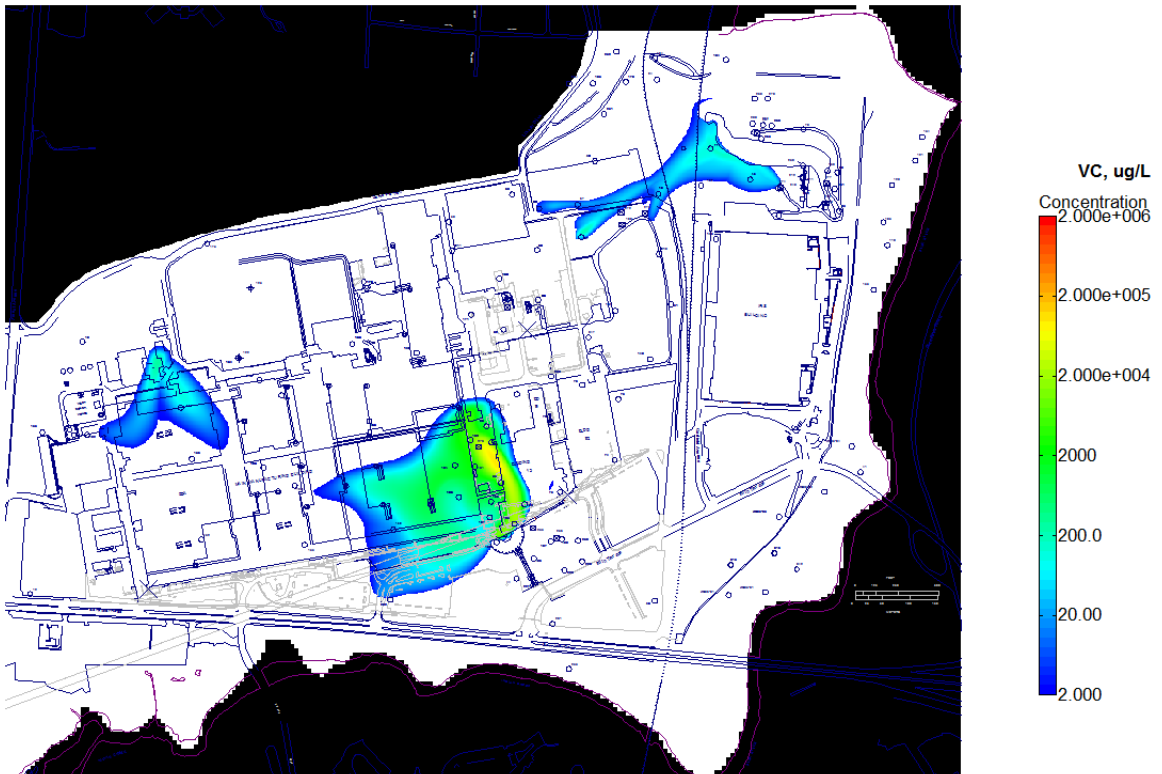


Future Conditions: VC, Year 3, 3 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

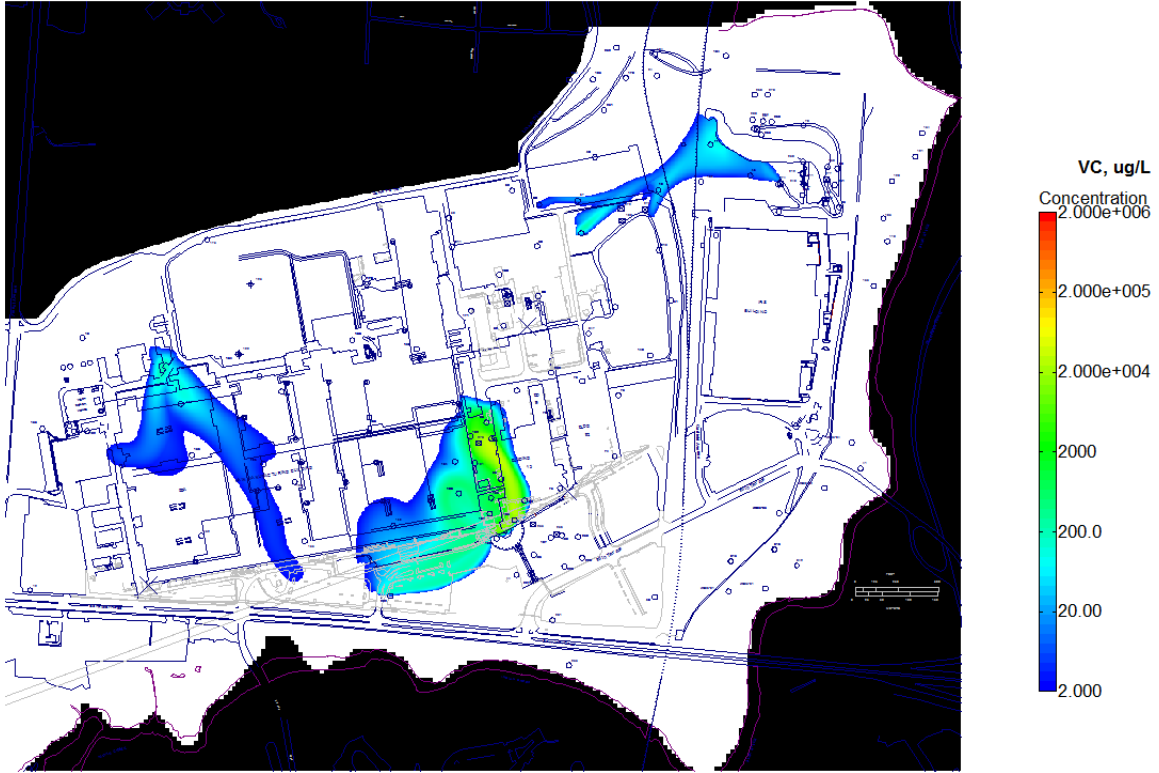


Future Conditions: VC, Year 4, 4 years after source remediation

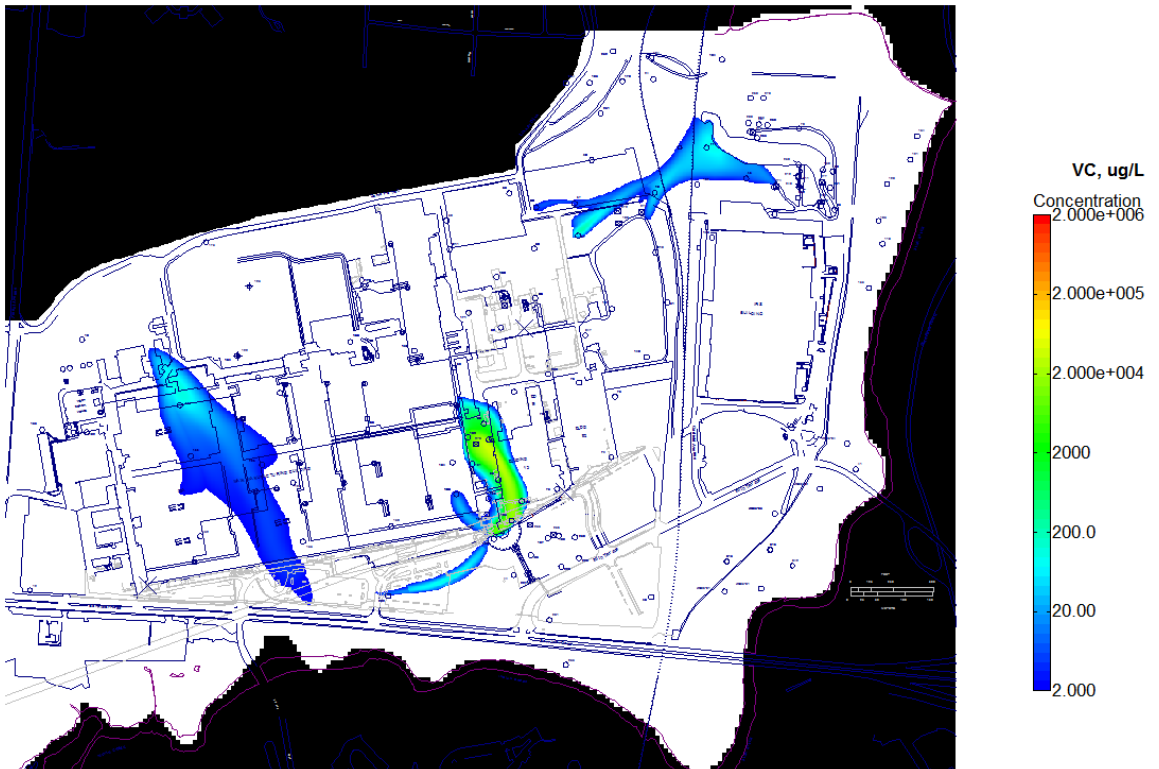


Future Conditions: VC, Year 5, 5 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



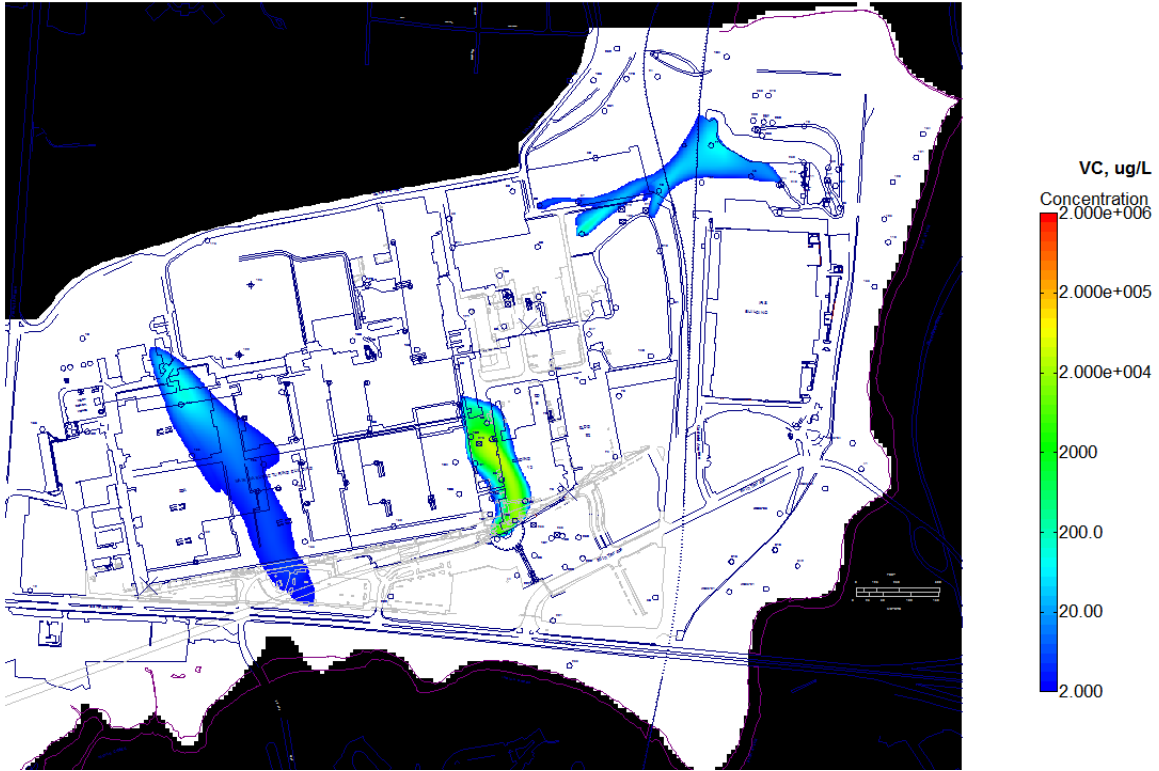
Future Conditions: VC, Year 10, 10 years after source remediation



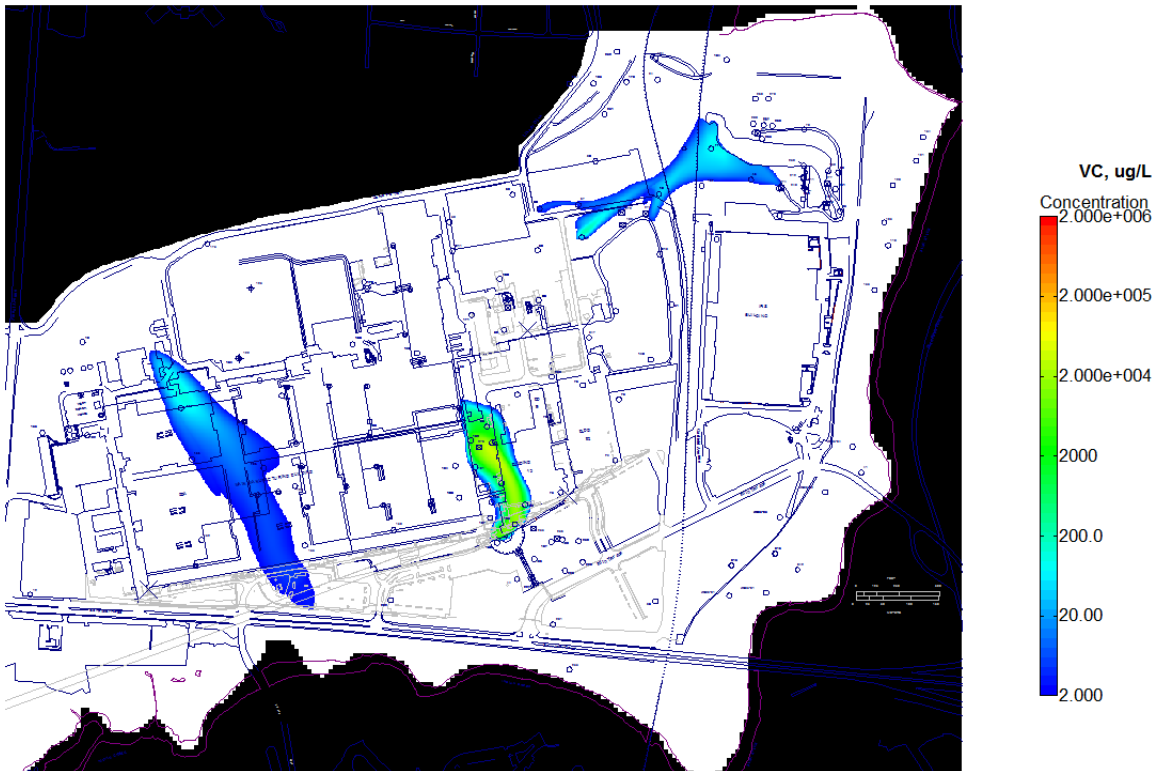
Future Conditions: VC, Year 20, 20 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



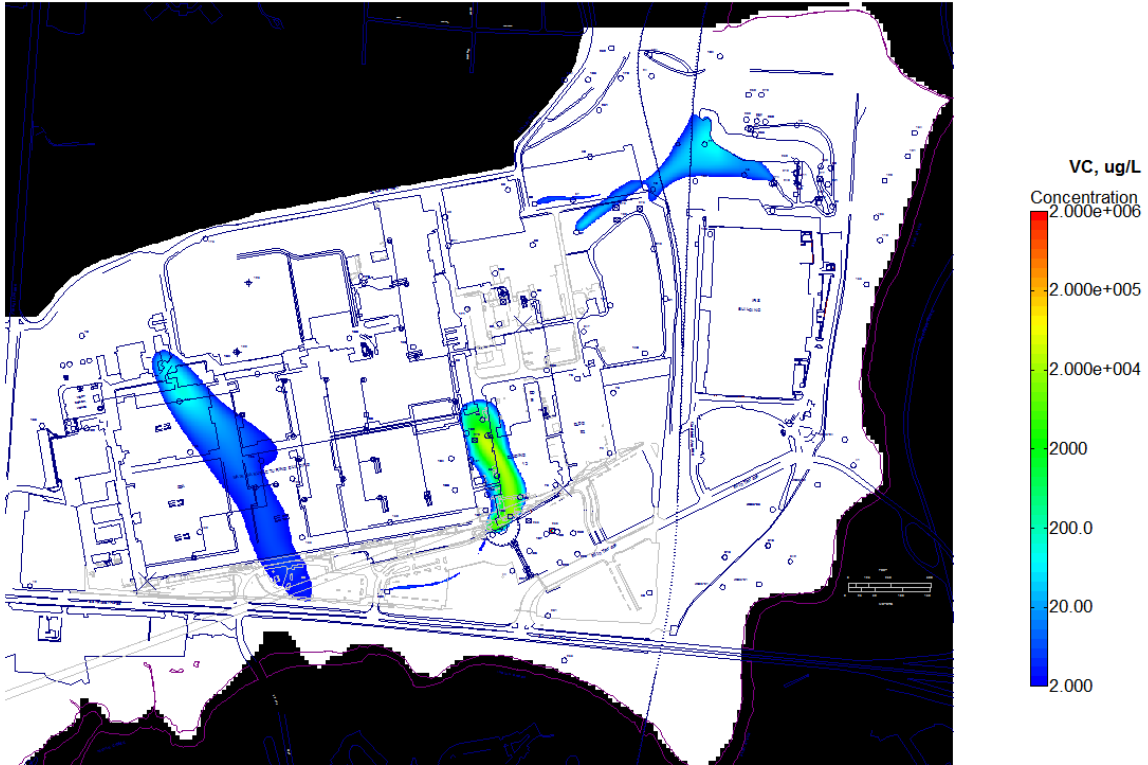


Future Conditions: VC, Year 30, 30 years after source remediation



Future Conditions: VC, Year 31 to 250, source concentration stable

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: DCE, Year 251, 251 years after source remediation



Future Conditions: VC, Year 252, 252 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: VC, Year 253, 253 years after source remediation



Future Conditions: VC, Year 254, 254 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: VC, Year 255, 255 years after source remediation



Future Conditions: VC, Year 260, 260 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: VC, Year 270, 270 years after source remediation

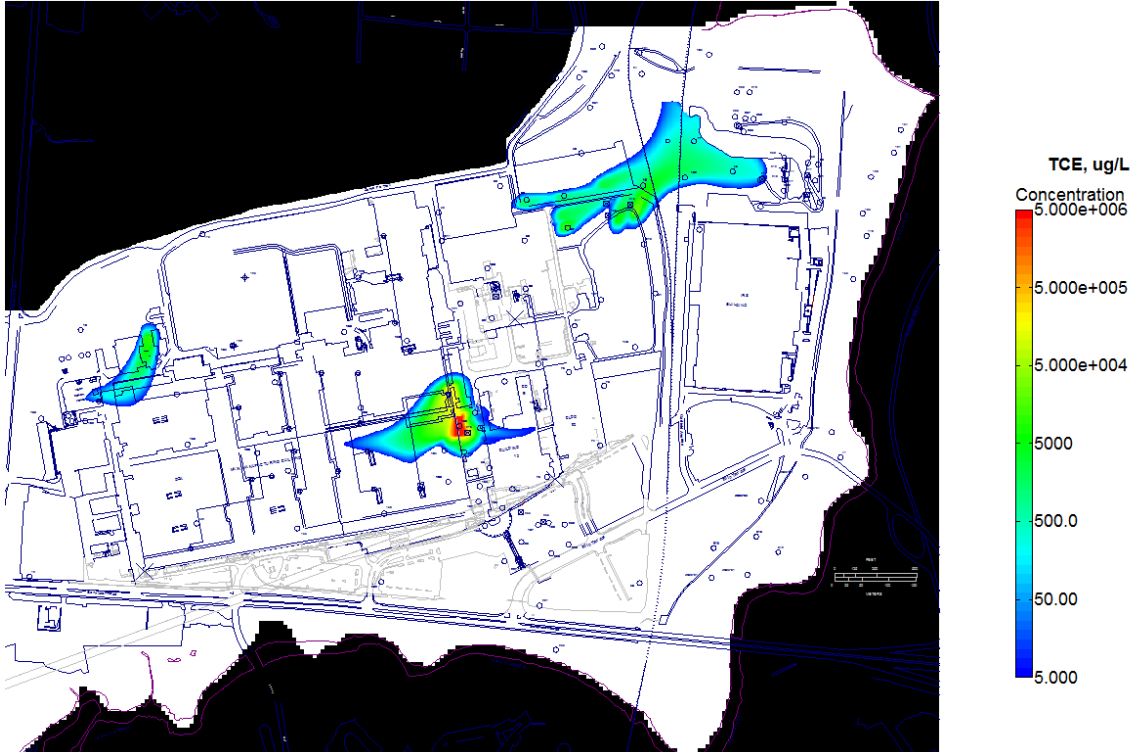


Future Conditions: VC, Year 280, 280 years after source remediation

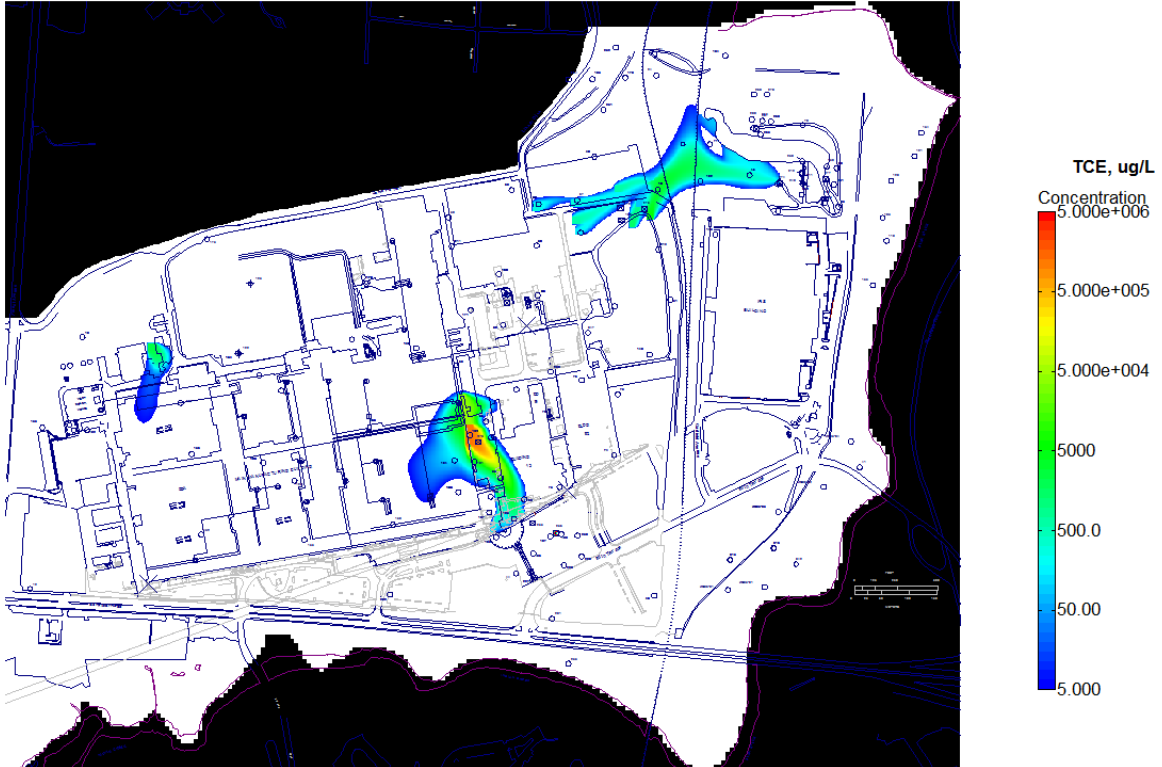
Future Conditions, 50% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 25: Plumes – TCE, Future Conditions, 75% Source  
Concentration Reduction, 0% Source Concentration Reduction**





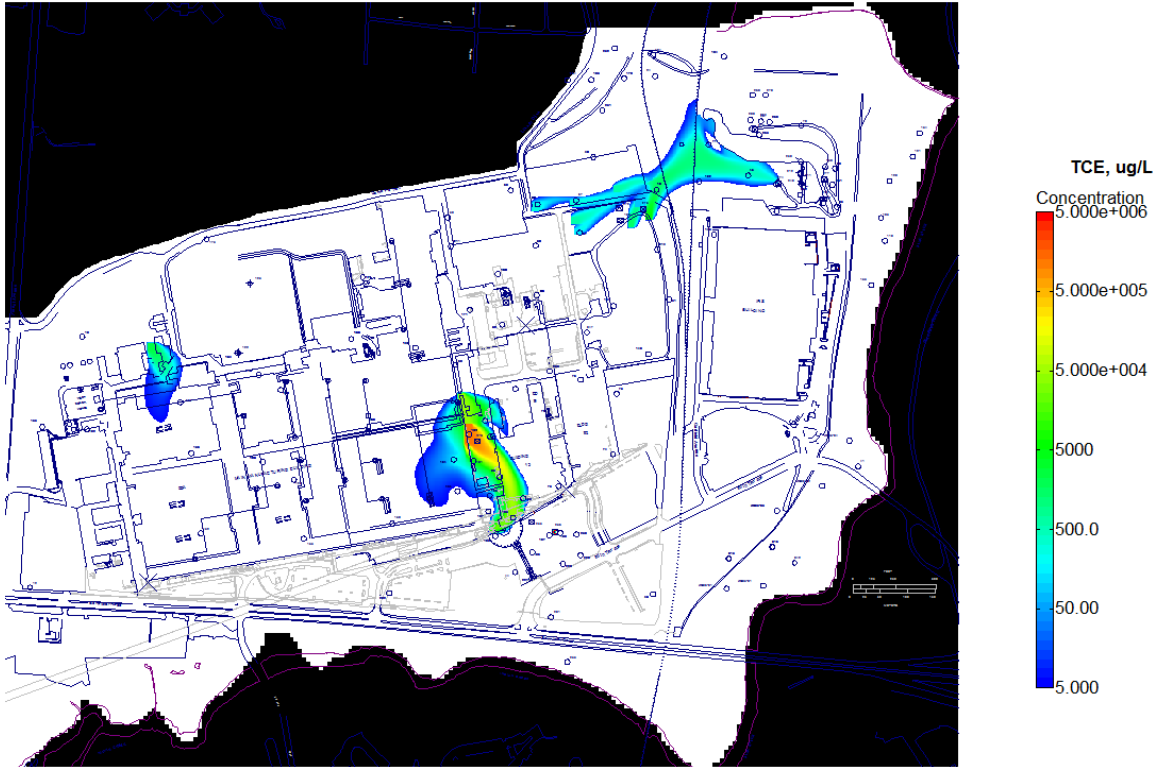
Future Conditions: Initial TCE Concentrations



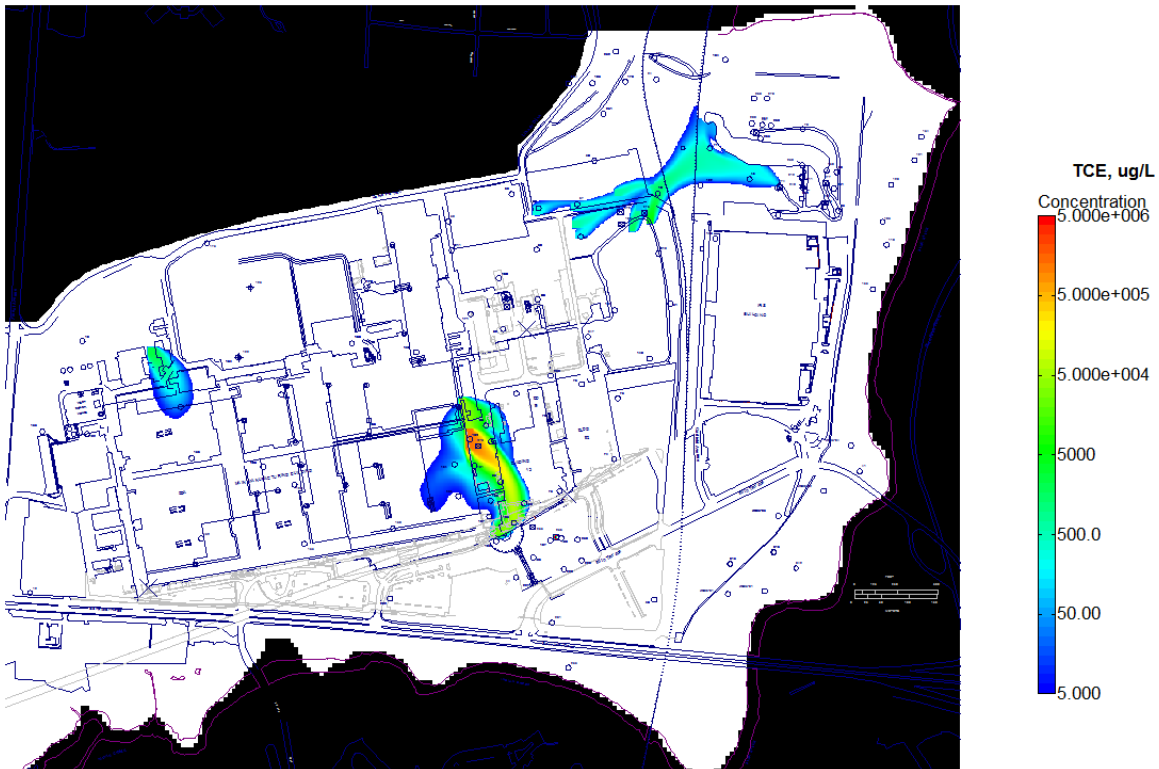
Future Conditions: TCE, Year 1, 1 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



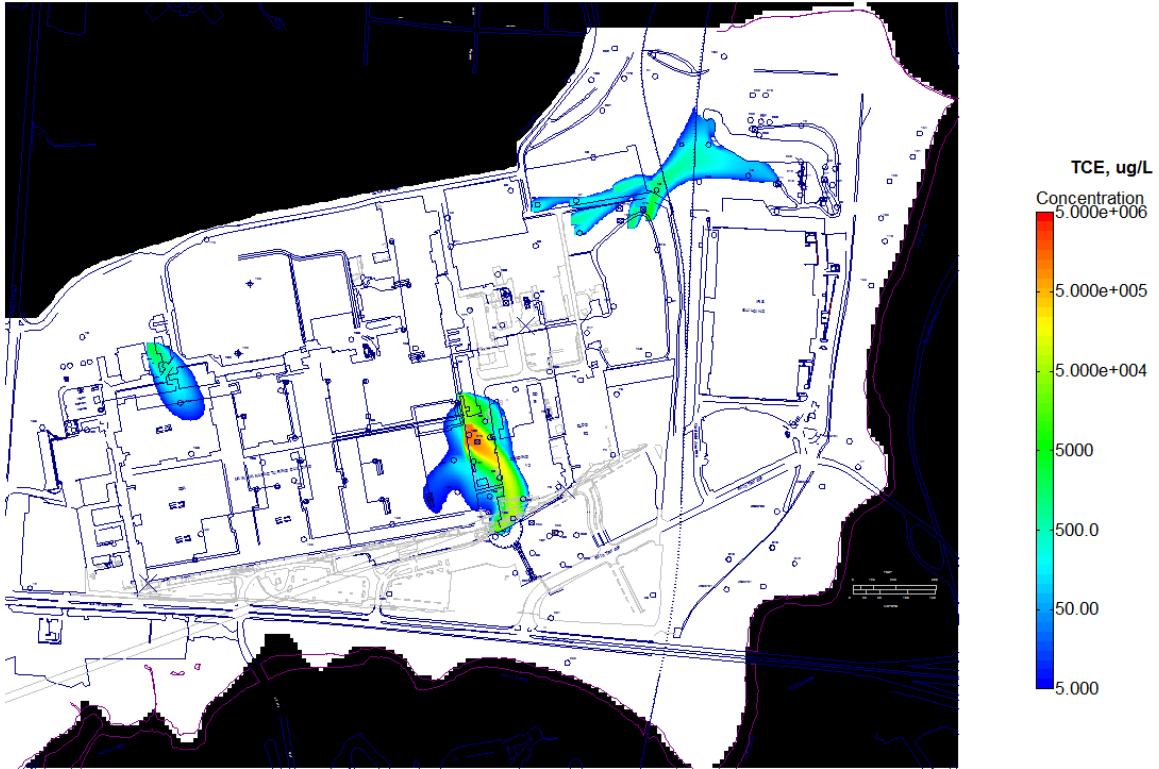


Future Conditions: TCE, Year 2, 2 years after source remediation

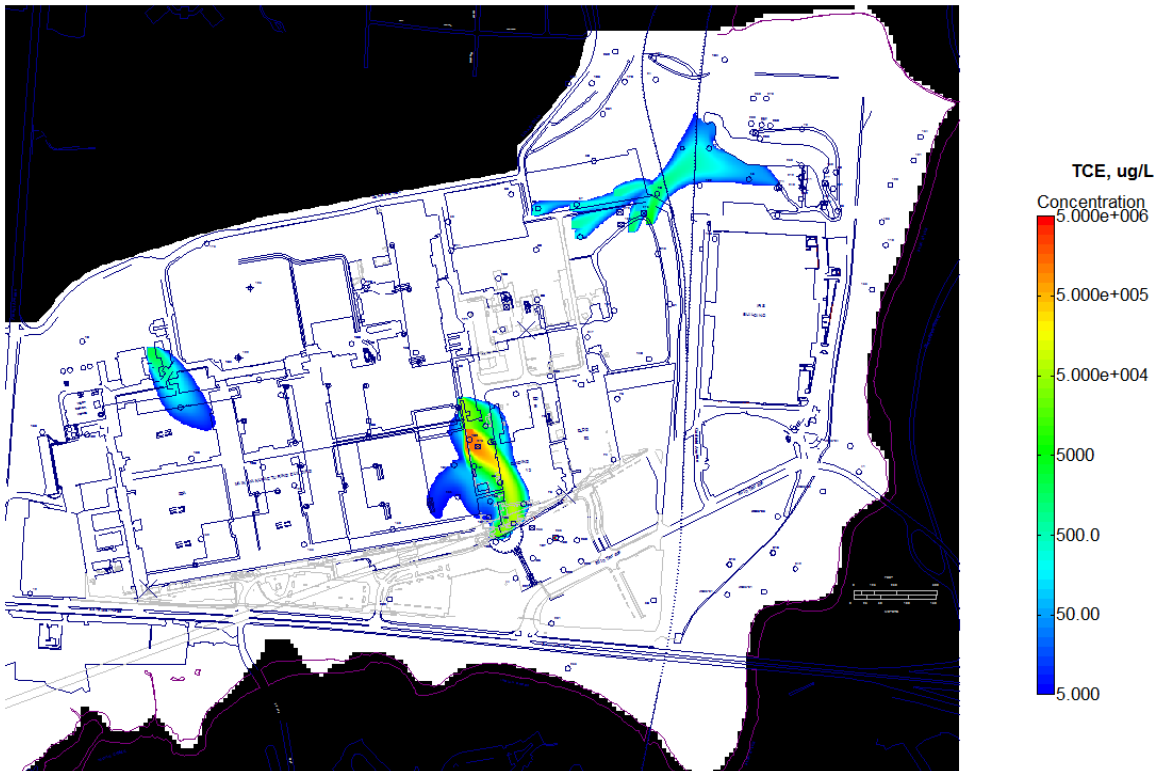


Future Conditions: TCE, Year 3, 3 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction

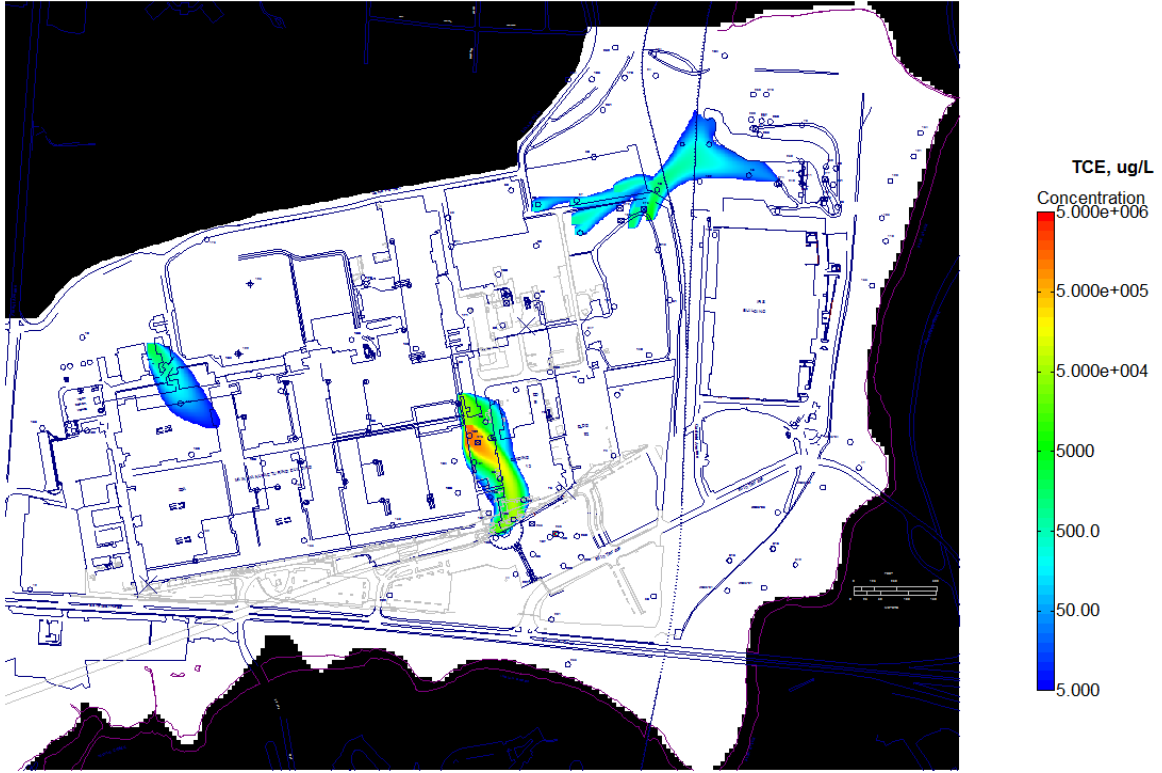


Future Conditions: TCE, Year 4, 4 years after source remediation

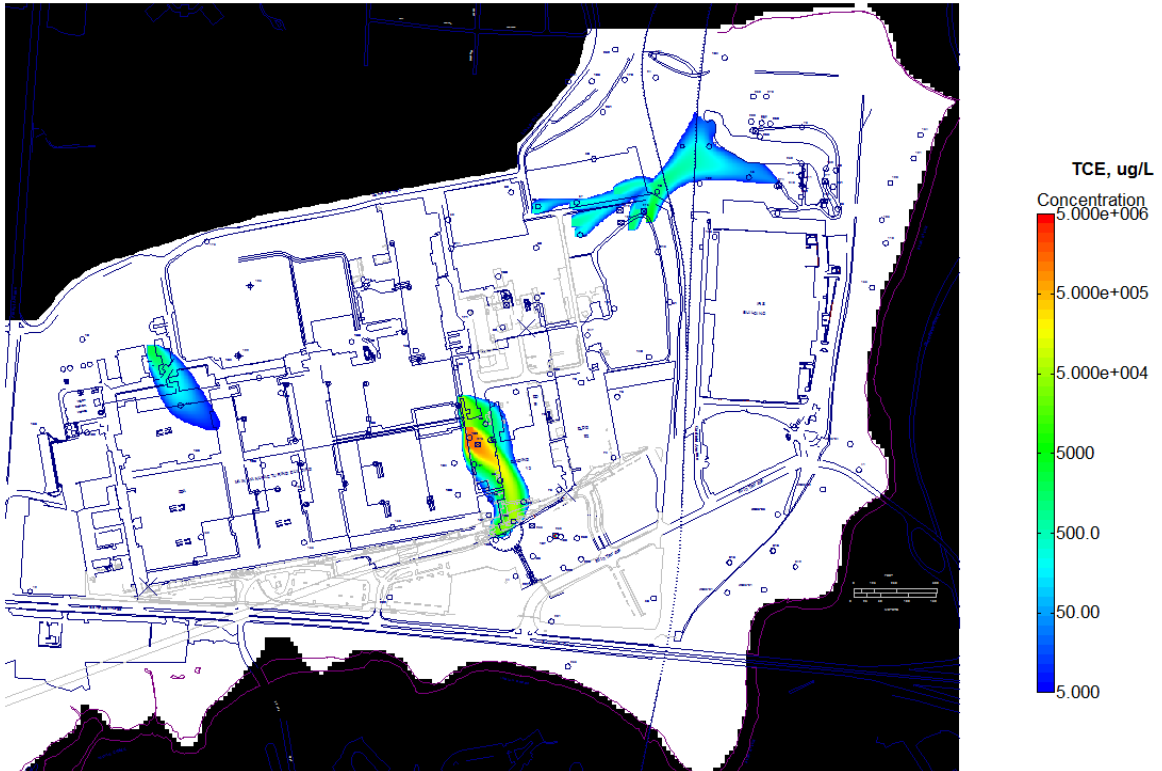


Future Conditions: TCE, Year 5, 5 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction

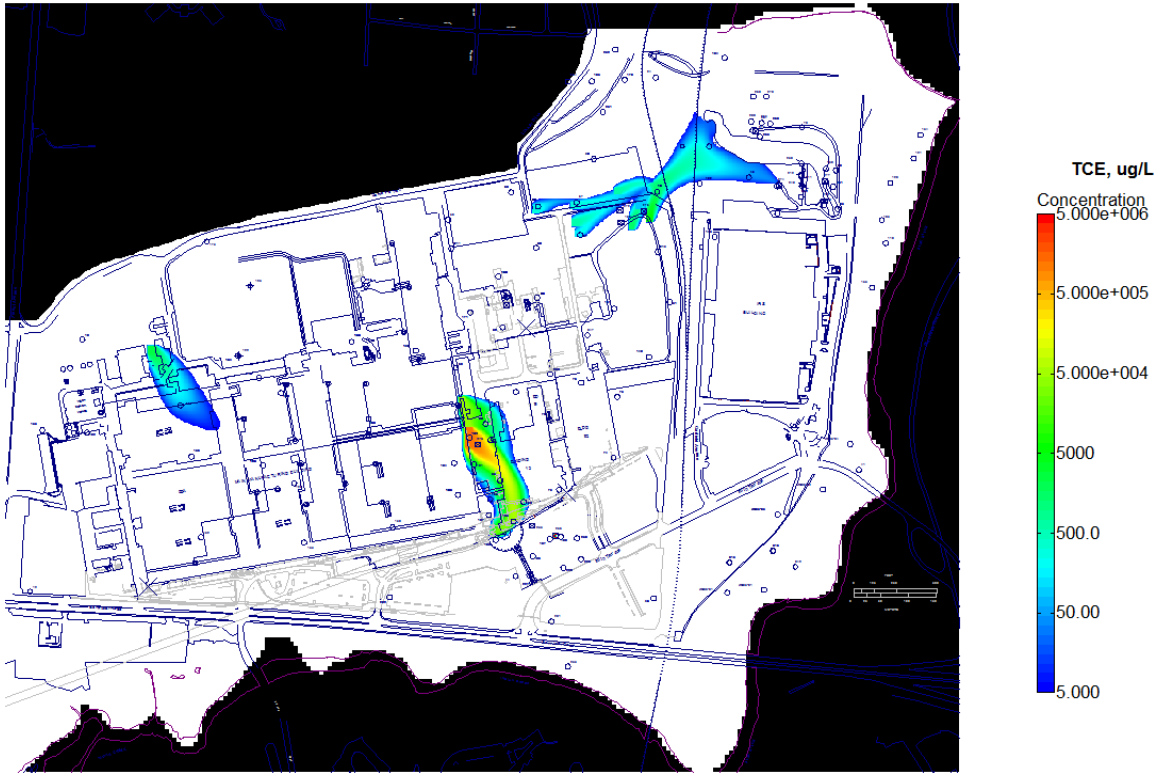


Future Conditions: TCE, Year 10, 10 years after source remediation



Future Conditions: TCE, Year 20, 20 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: TCE, Year 21 to 250, source concentration stable



Future Conditions: TCE, Year 251, 251 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: TCE, Year 252, 252 years after source remediation



Future Conditions: TCE, Year 253, 253 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: TCE, Year 254, 254 years after source remediation



Future Conditions: TCE, Year 255, 255 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



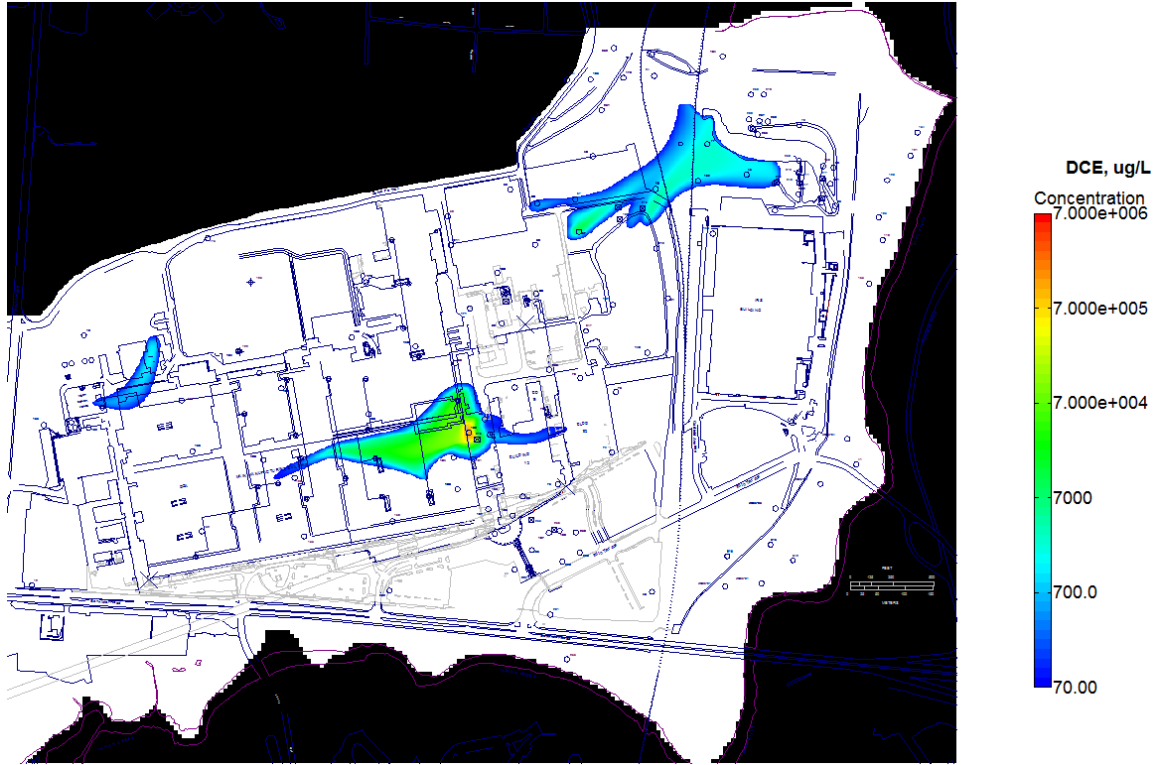


Future Conditions: TCE, Year 260, 260 years after source remediation

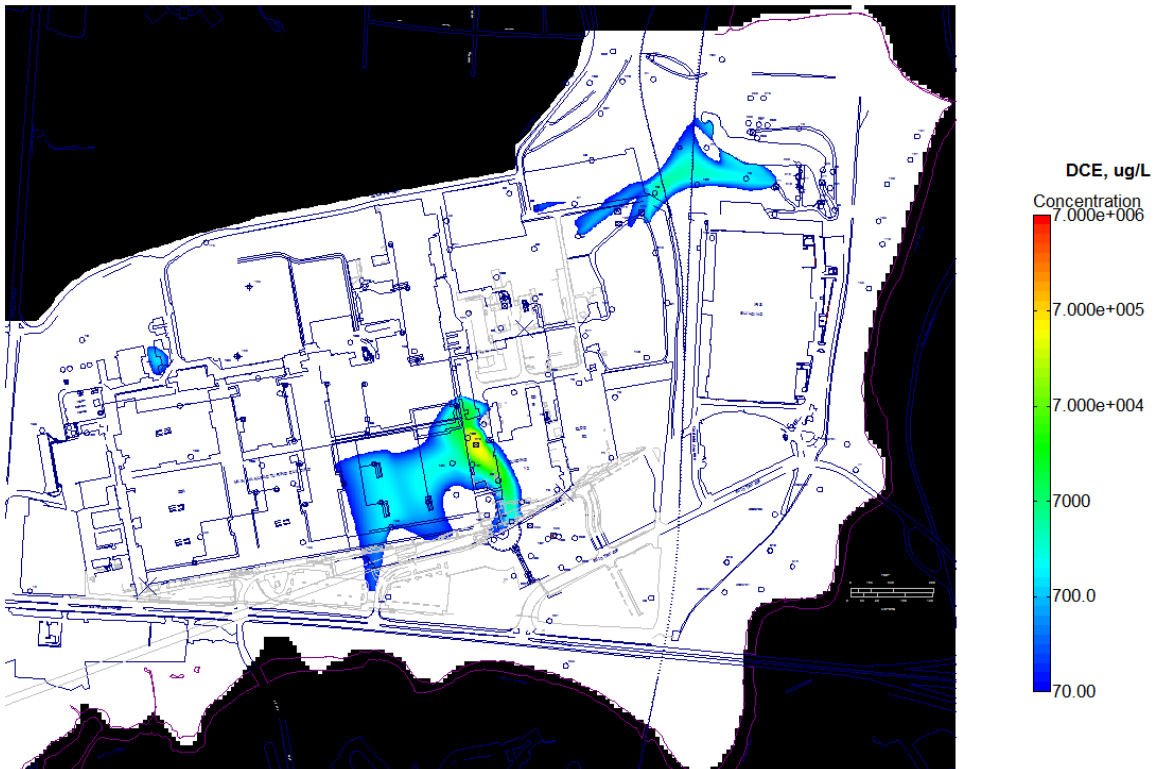
Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



**Appendix 26: Plumes – DCE, Future Conditions, 75% Source  
Concentration Reduction, 0% Source Concentration Reduction**

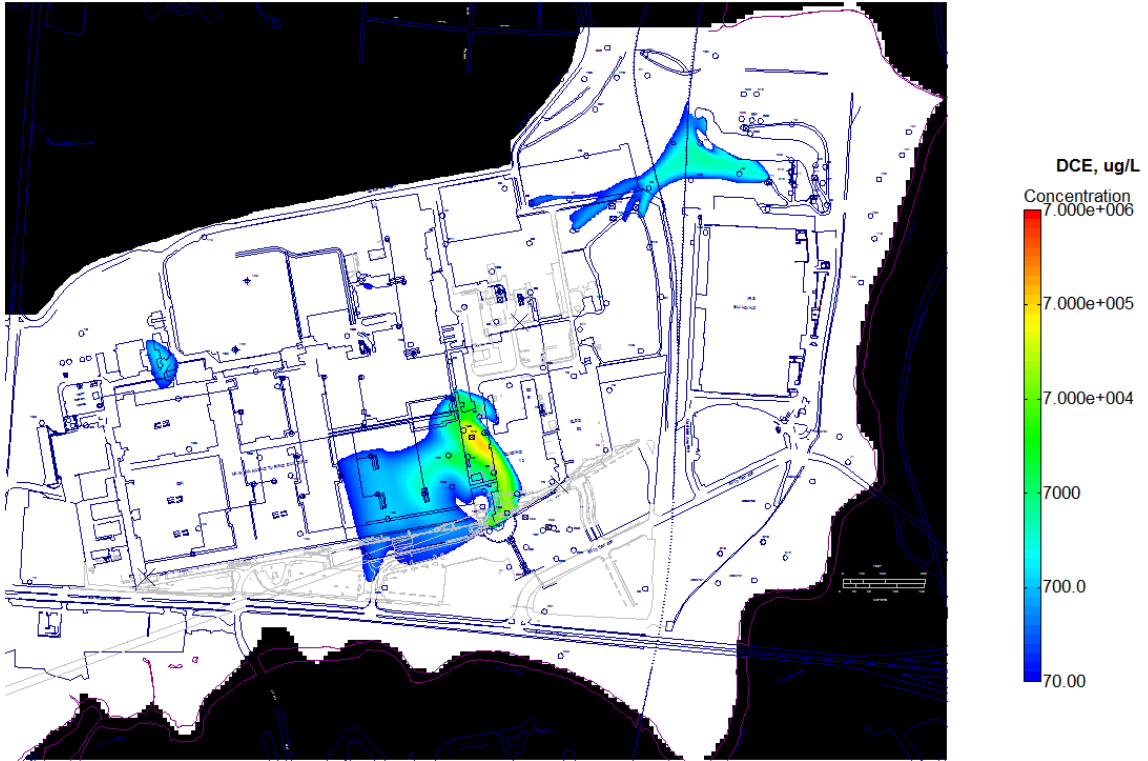


Future Conditions: Initial DCE Concentrations

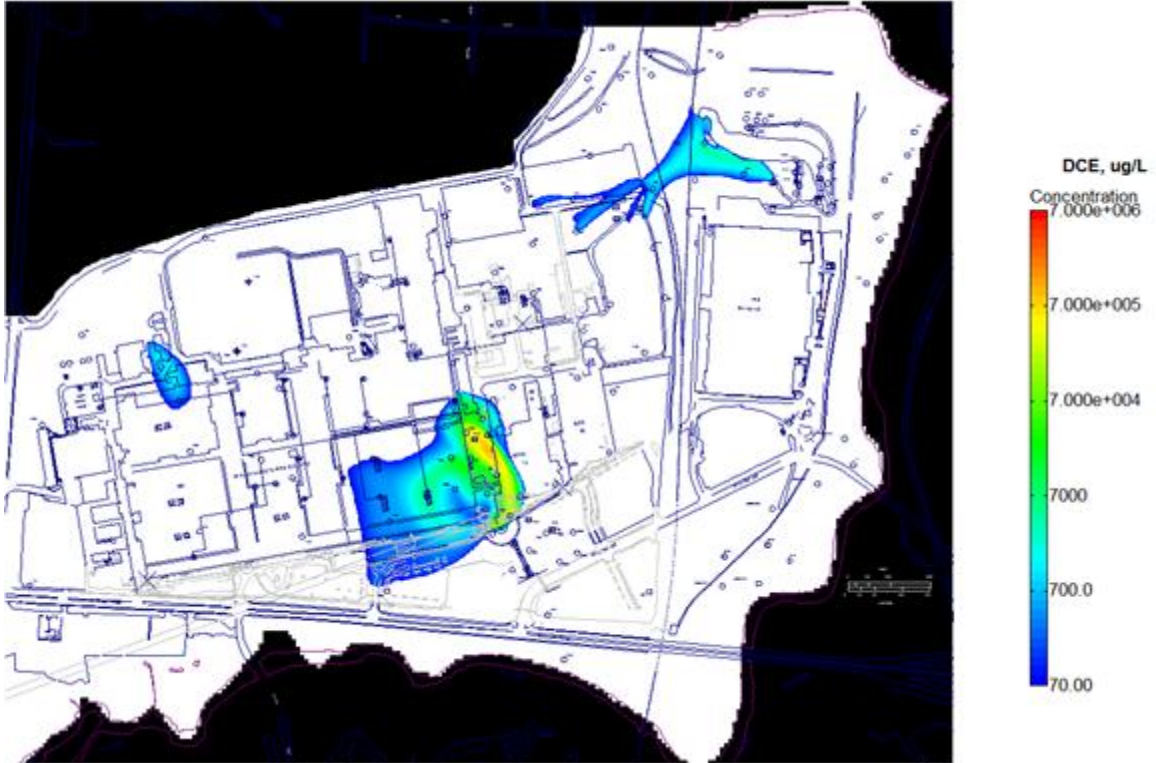


Future Conditions: DCE, Year 1, 1 year after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction

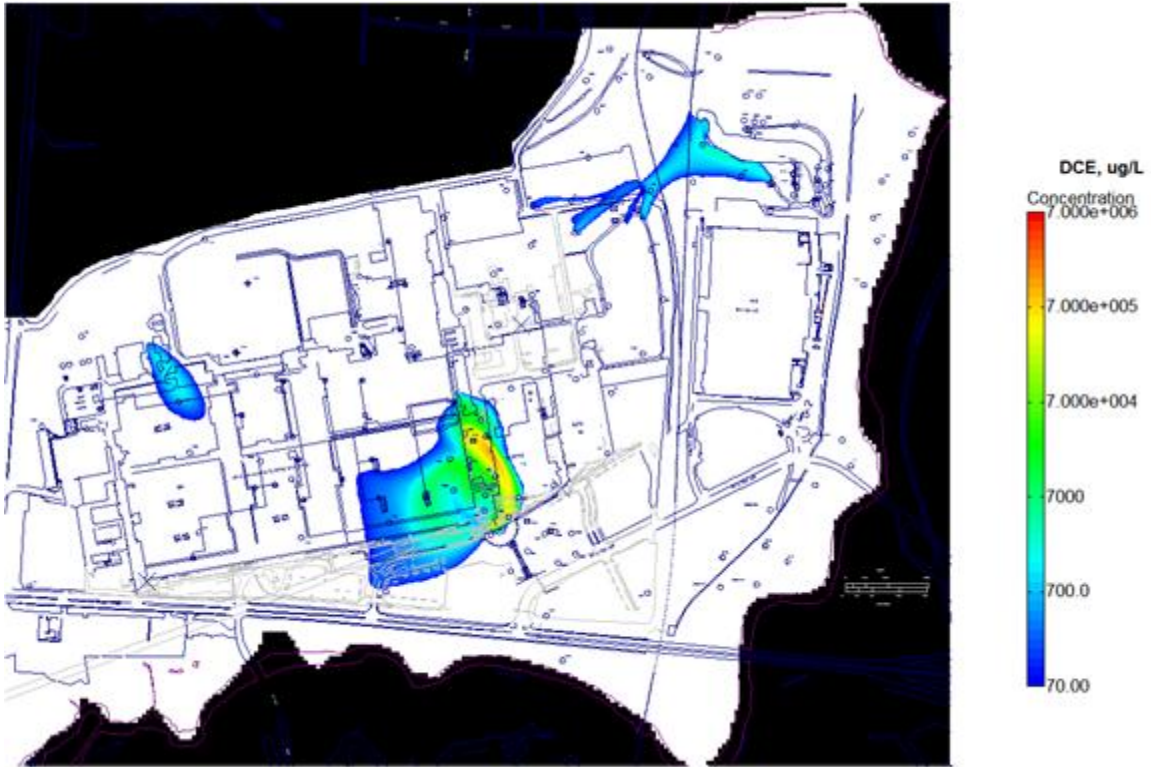


Future Conditions: DCE, Year 2, 2 years after source remediation



Future Conditions: DCE, Year 3, 3 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



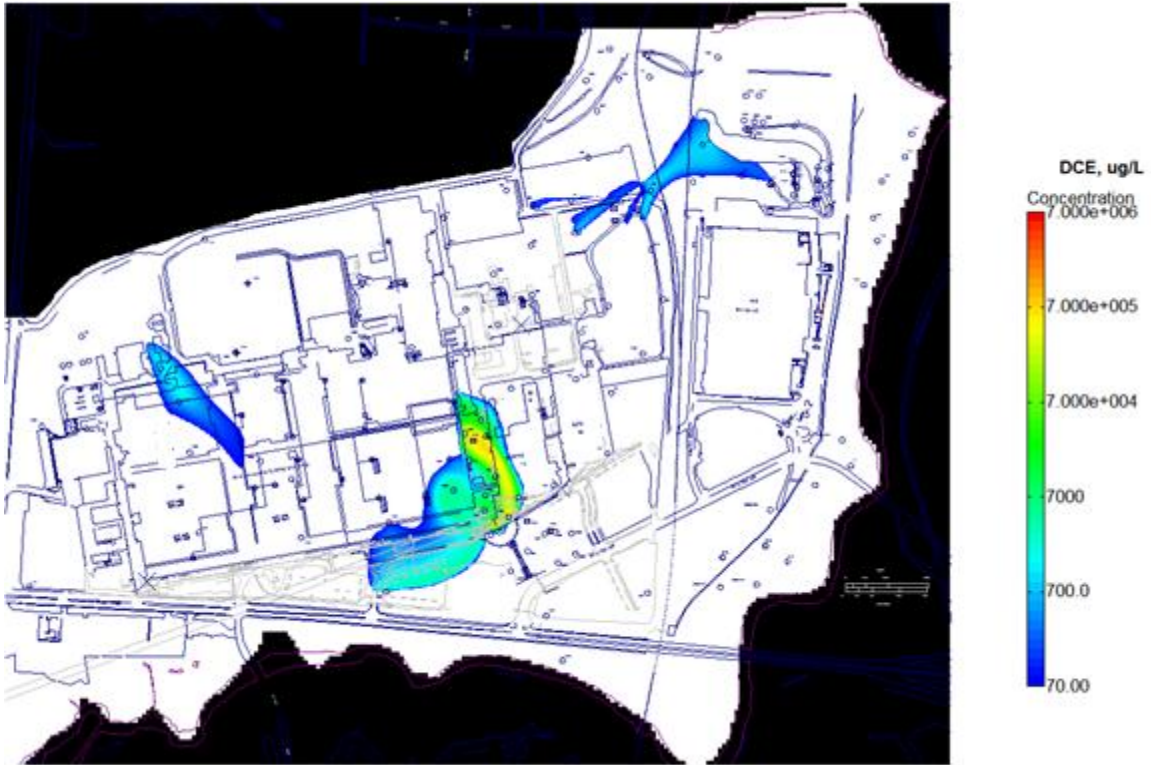
Future Conditions: DCE, Year 4, 4 years after source remediation



Future Conditions: DCE, Year 5, 5 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



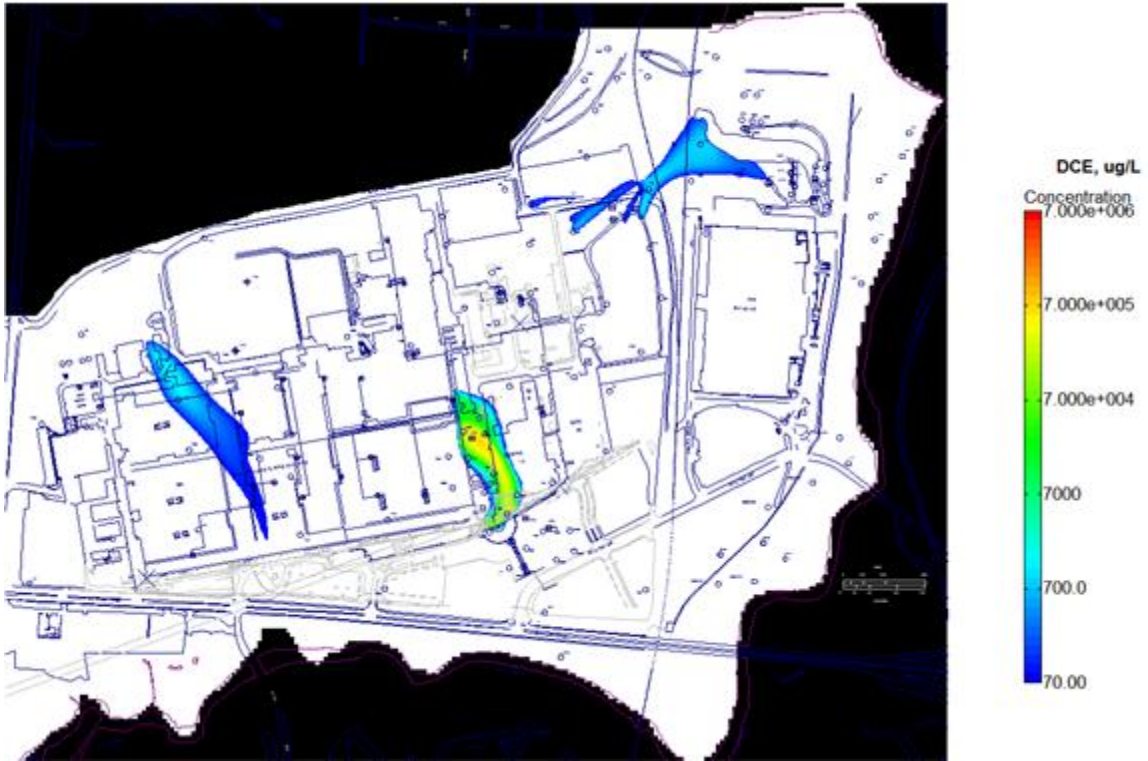


Future Conditions: DCE, Year 10, 10 years after source remediation



Future Conditions: DCE, Year 20, 20 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction

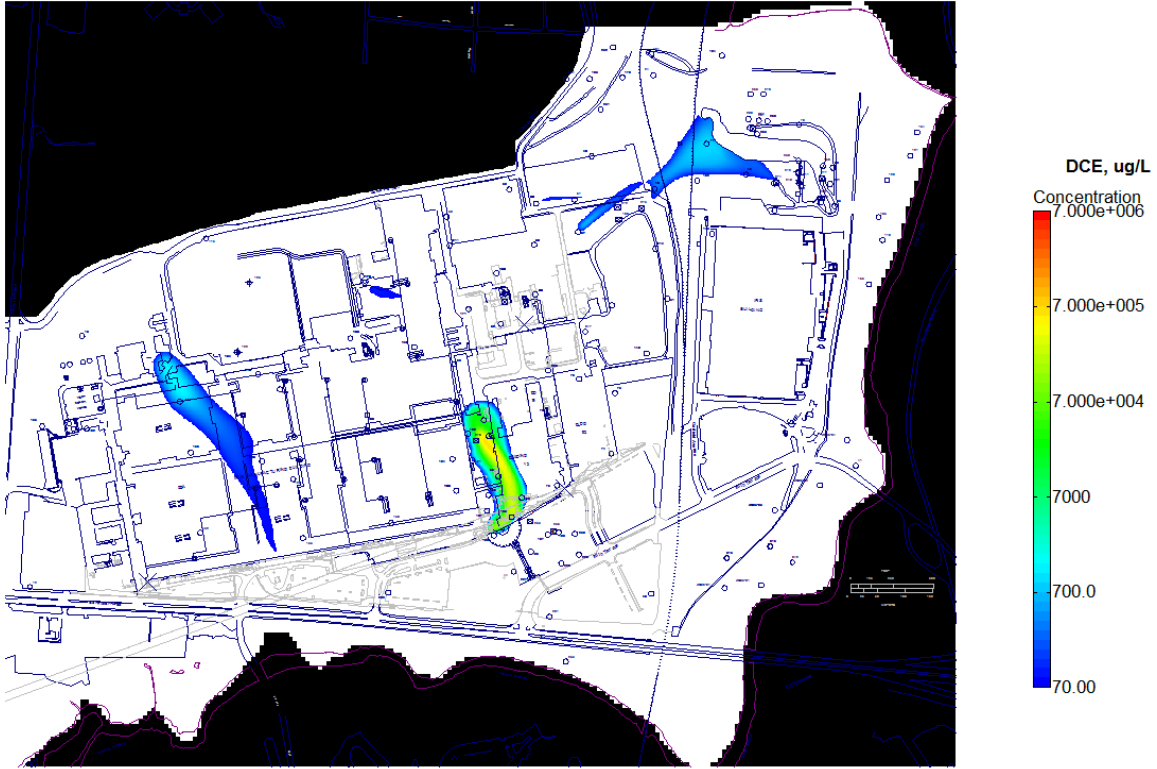


Future Conditions: DCE, Year 30, 30 years after source remediation

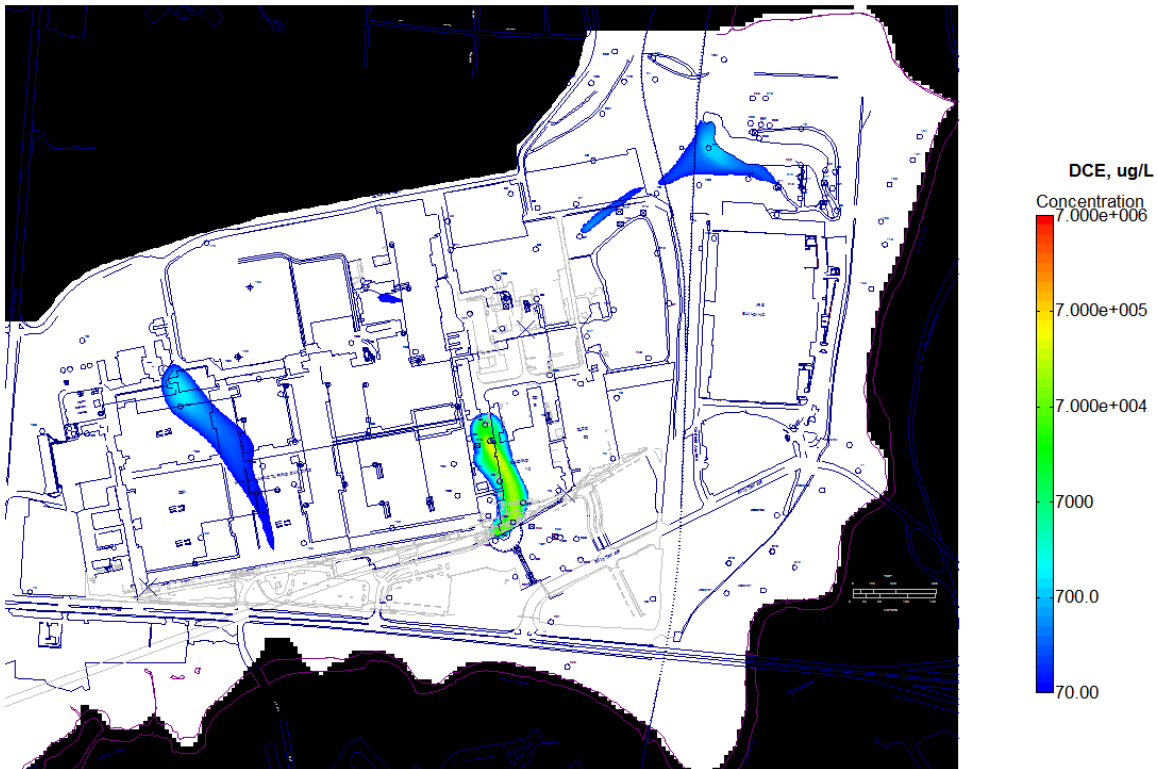


Future Conditions: DCE, Year 31 to 250, source concentration stable

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



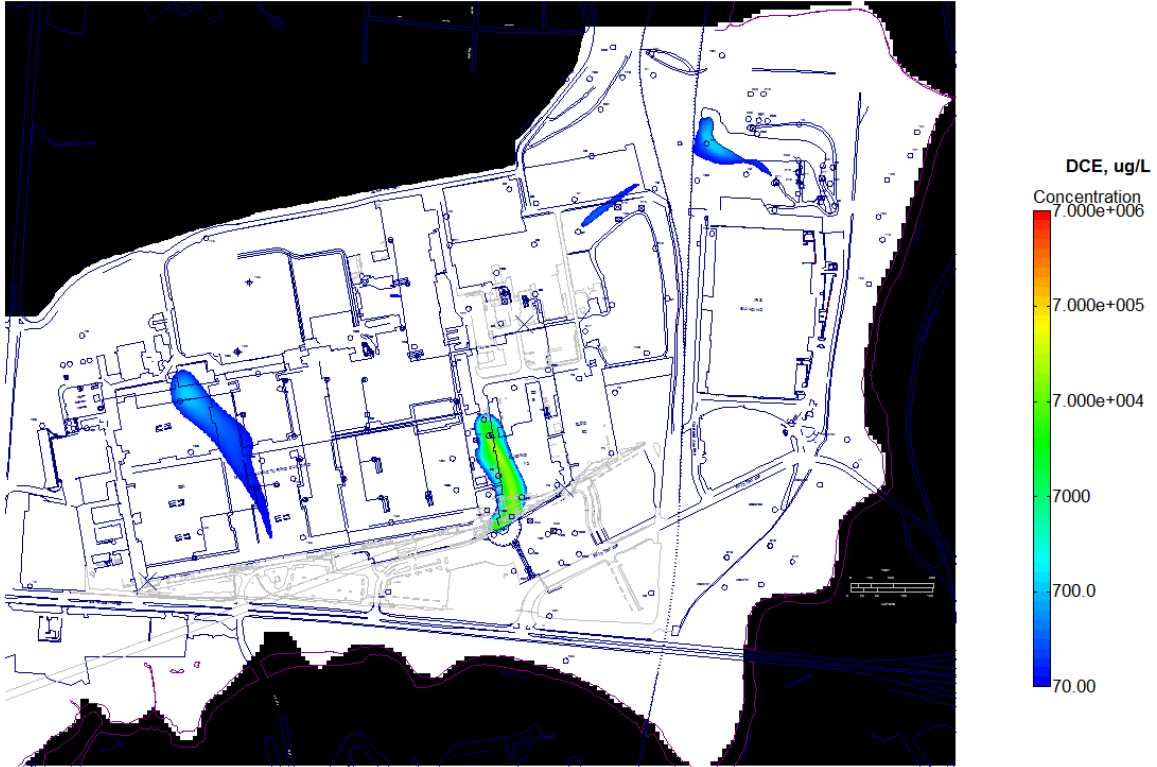
Future Conditions: DCE, Year 251, 251 years after source remediation



Future Conditions: DCE, Year 252, 252 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



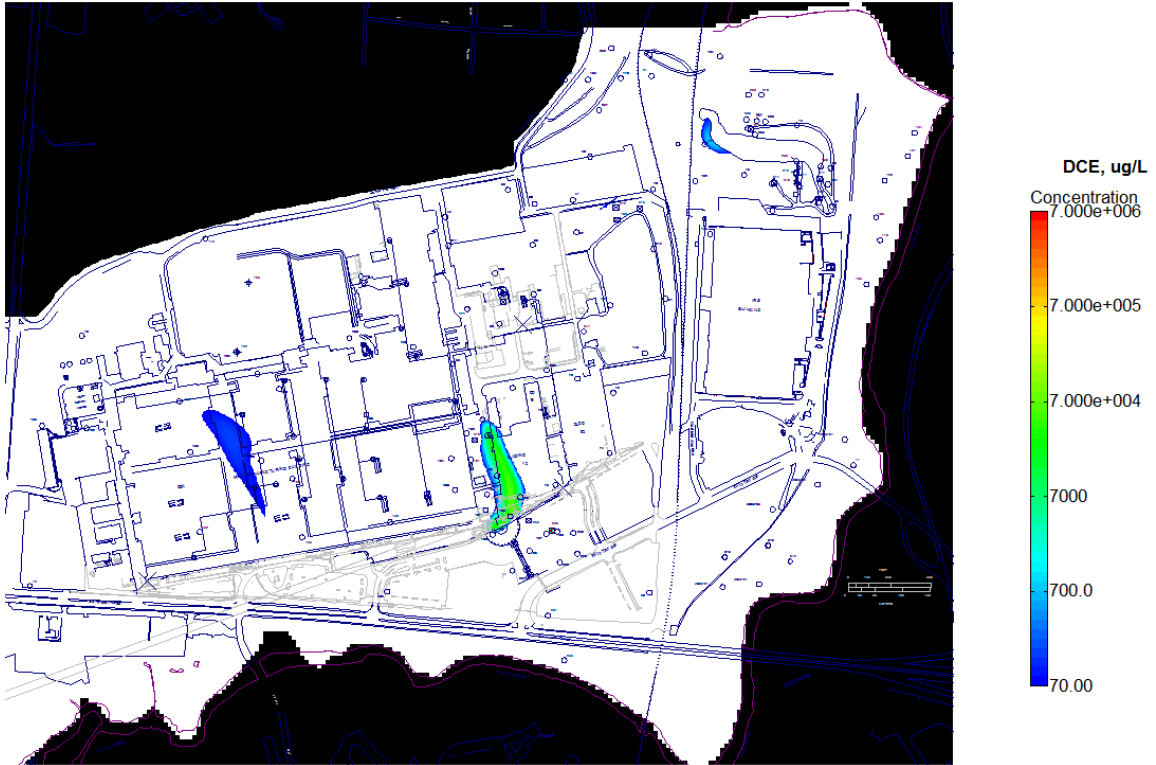


Future Conditions: DCE, Year 253, 253 years after source remediation



Future Conditions: DCE, Year 254, 254 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: DCE, Year 255, 255 years after source remediation



Future Conditions: DCE, Year 260, 260 years after source remediation

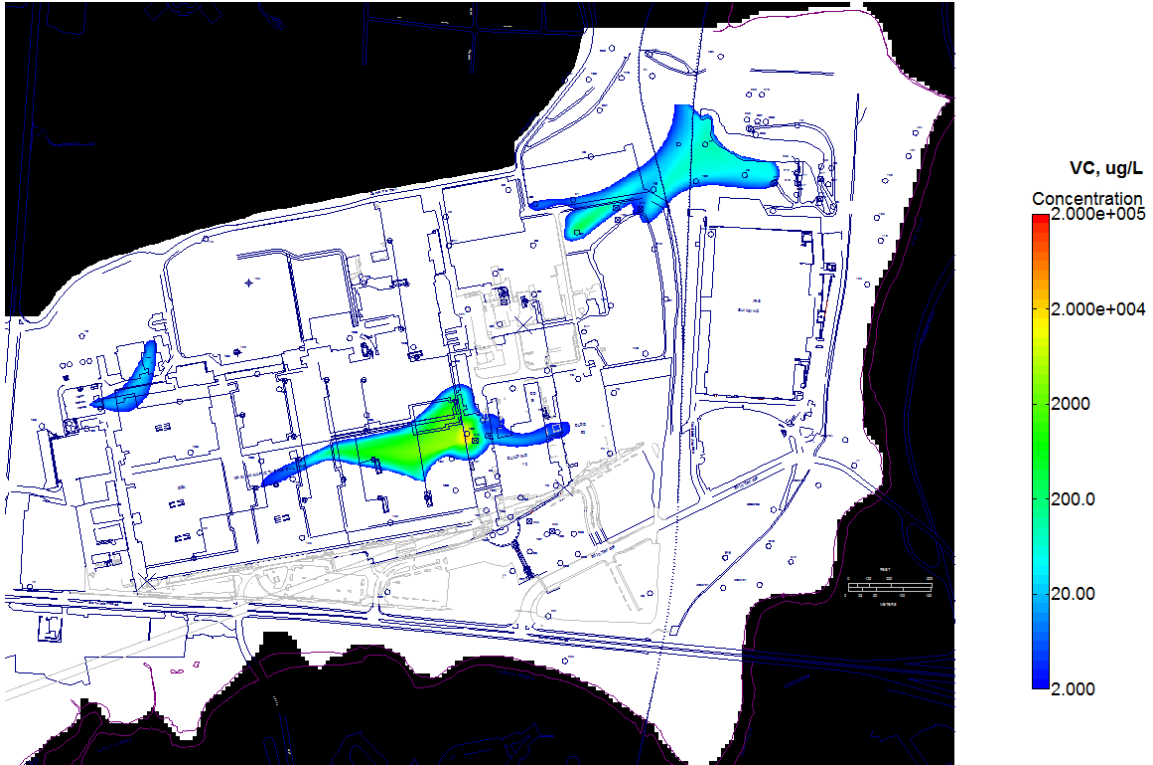
Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



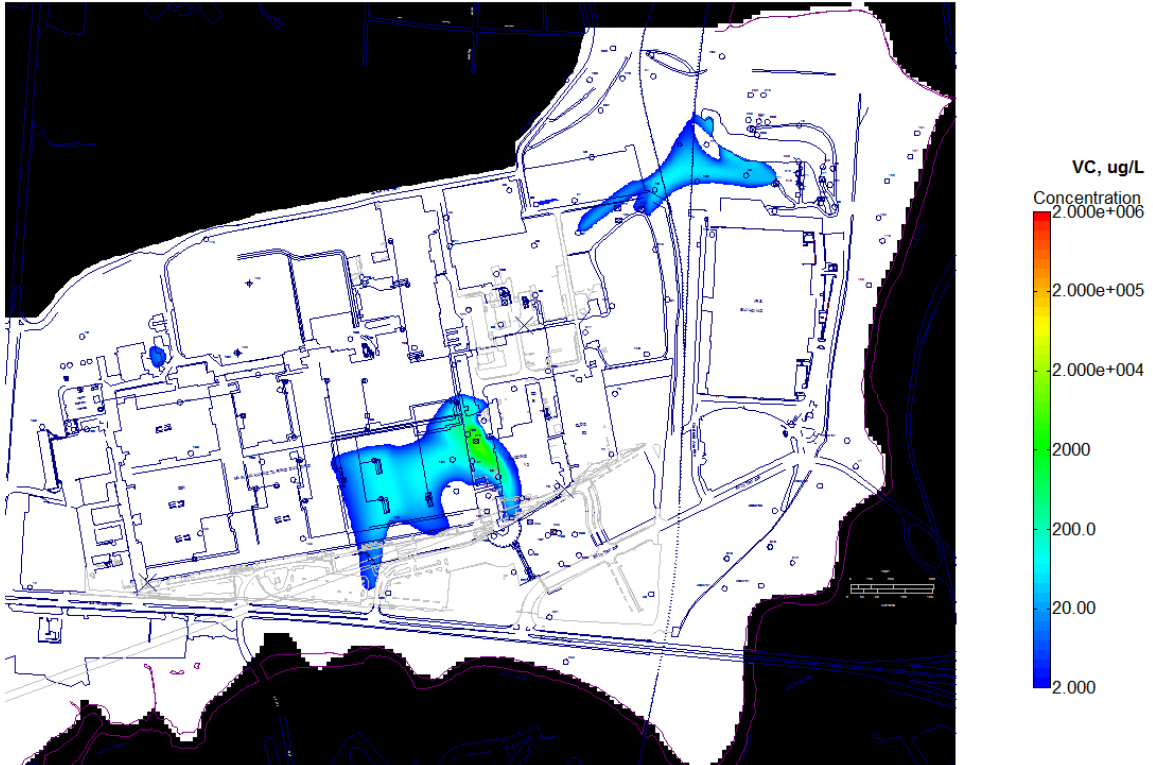
Future Conditions: DCE, Year 270, 270 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 27: Plumes – VC, Future Conditions, 75% Source  
Concentration Reduction, 0% Source Concentration Reduction**

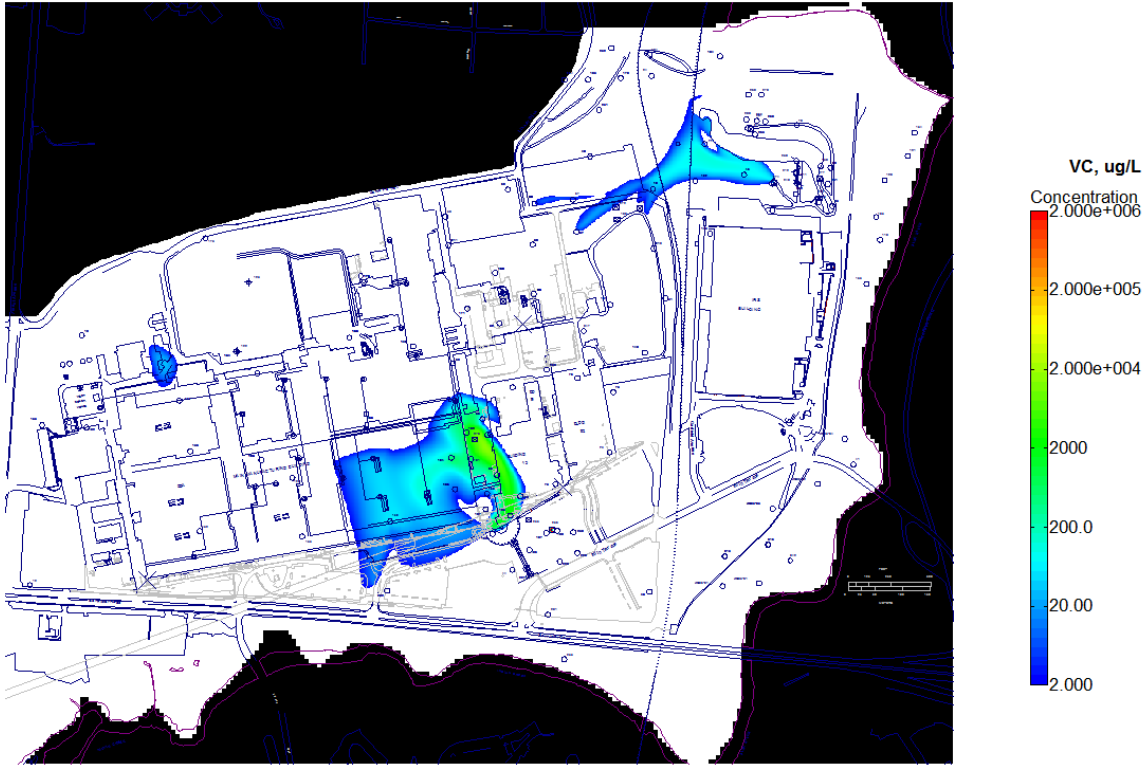


Future Conditions: Initial VC Concentrations

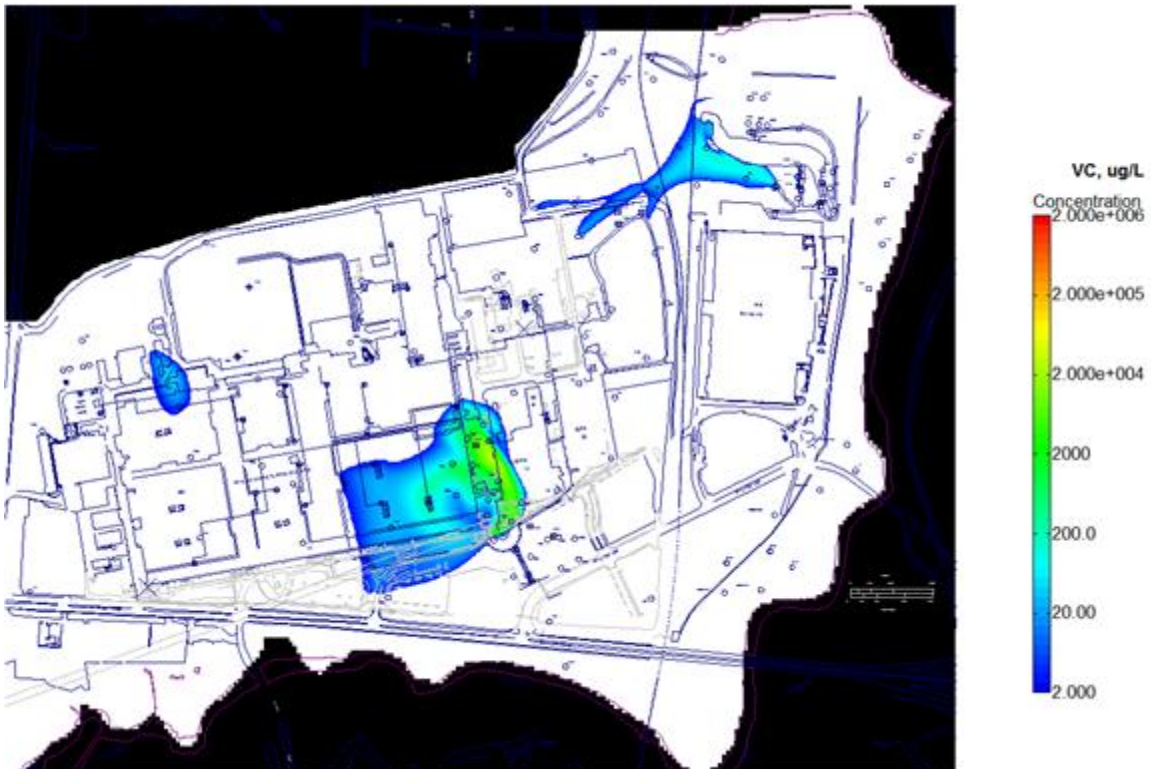


Future Conditions: VC, Year 1, 1 year after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



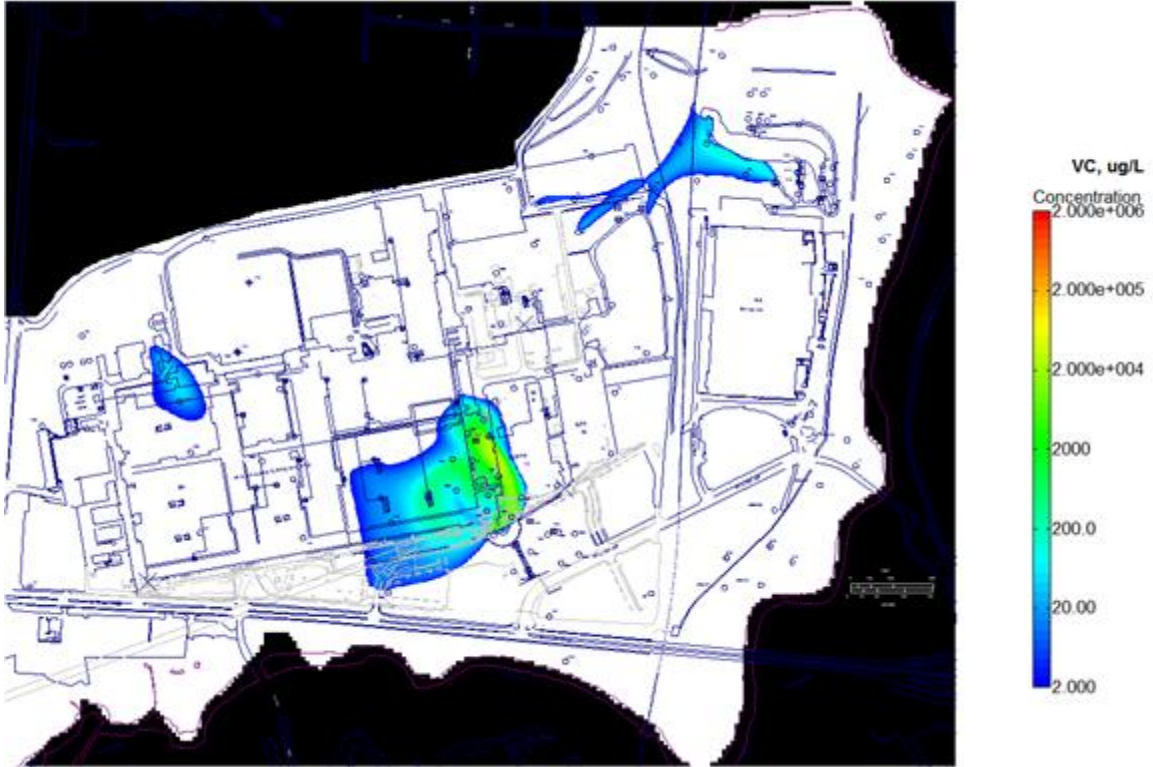
Future Conditions: VC, Year 2, 2 years after source remediation



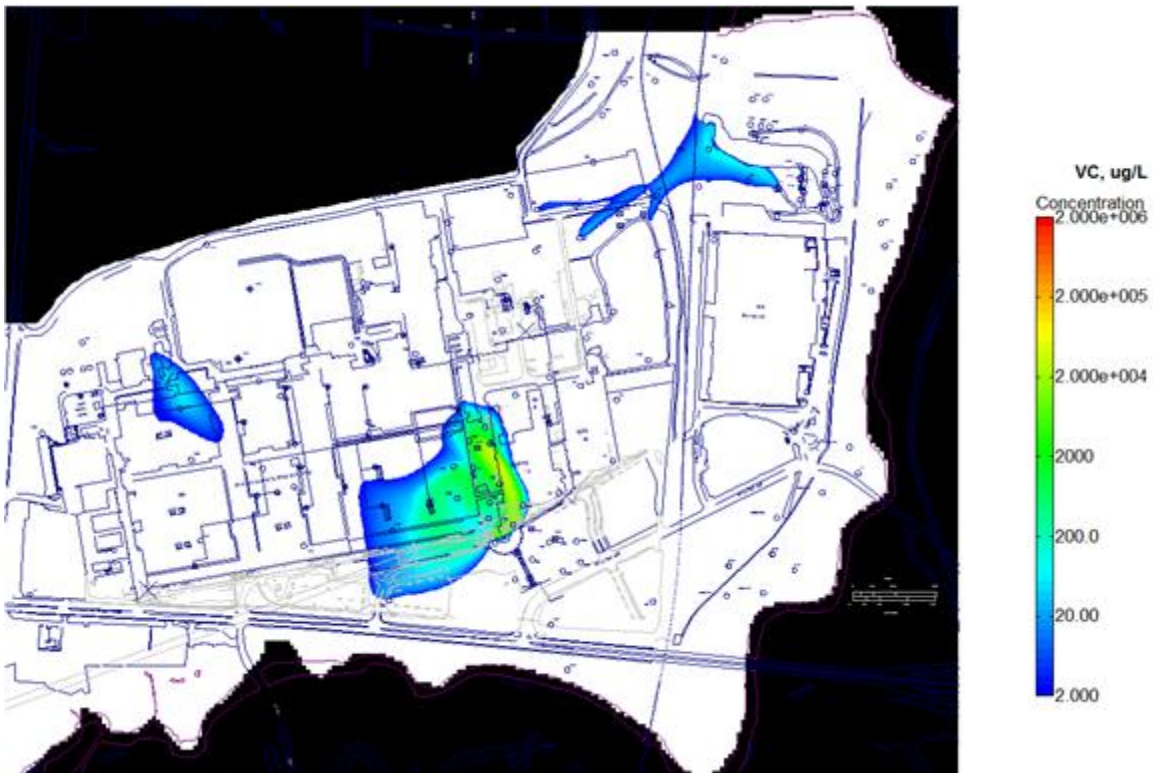
Future Conditions: VC, Year 3, 3 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction





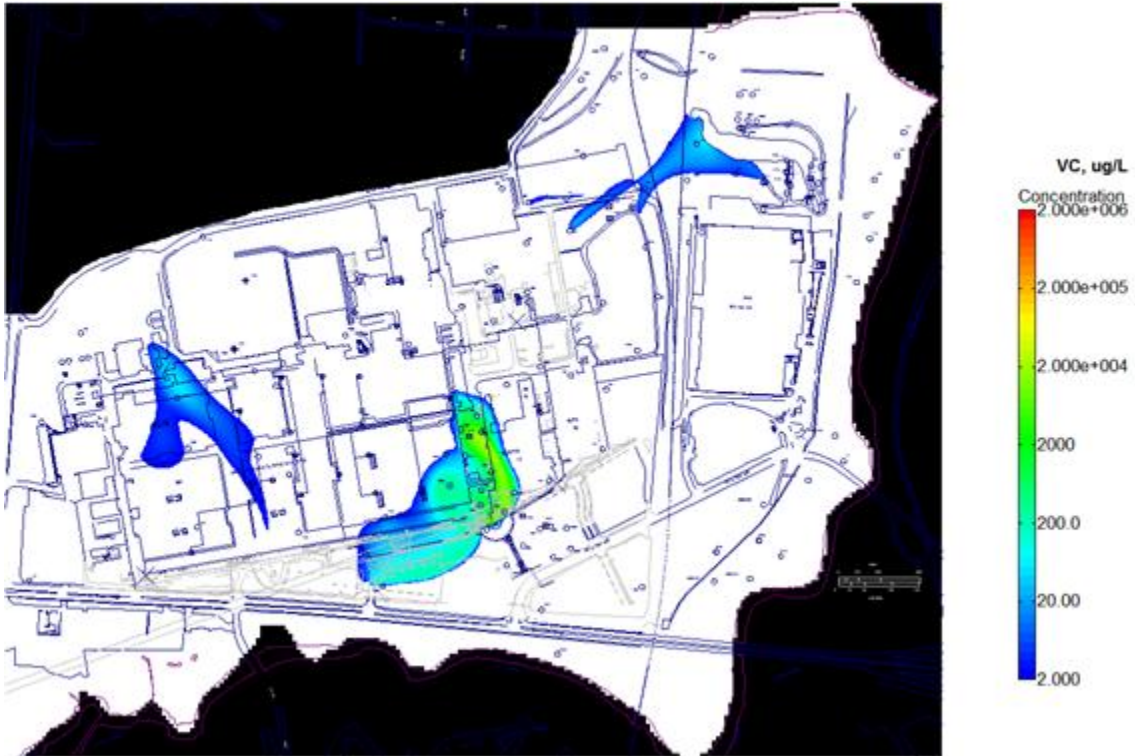
Future Conditions: VC, Year 4, 4 years after source remediation



Future Conditions: VC, Year 5, 5 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction





Future Conditions: VC, Year 10, 10 years after source remediation



Future Conditions: VC, Year 20, 20 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: VC, Year 30, 30 years after source remediation



Future Conditions: VC, Year 31 to 250, source concentration stable

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction





Future Conditions: VC, Year 251, 251 years after source remediation



Future Conditions: VC, Year 252, 252 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: VC, Year 253, 253 years after source remediation



Future Conditions: VC, Year 254, 254 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction





Future Conditions: VC, Year 255, 255 years after source remediation



Future Conditions: VC, Year 260, 260 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction

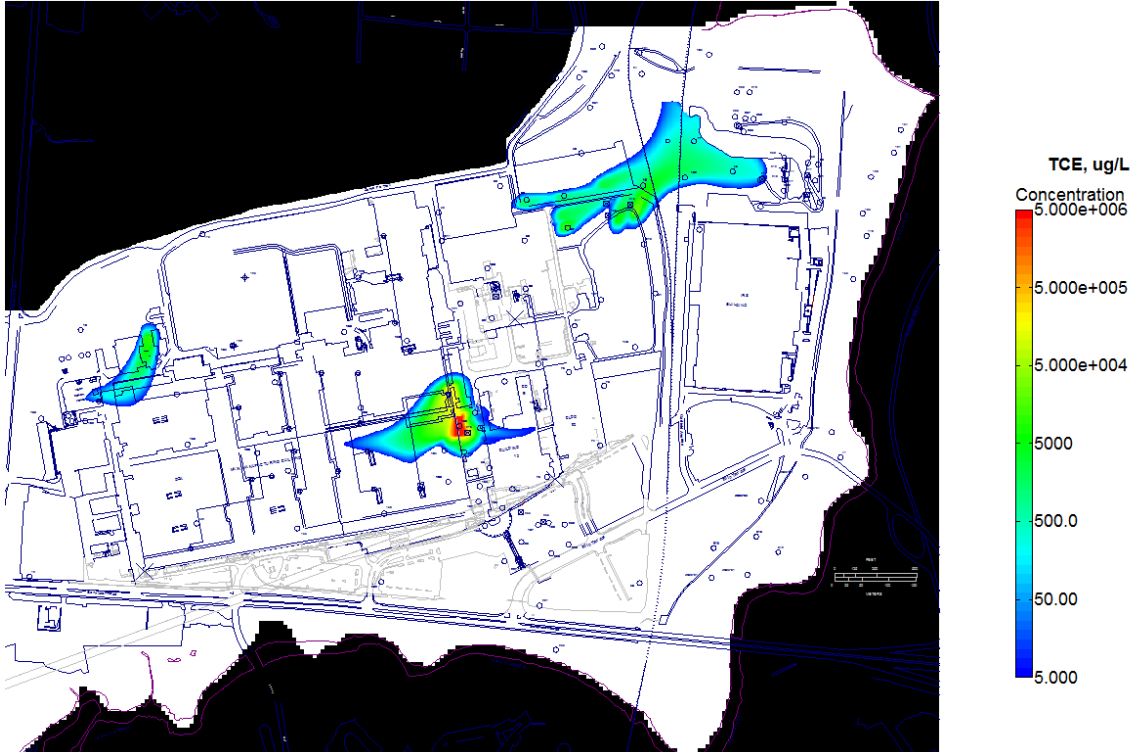


Future Conditions: VC, Year 270, 270 years after source remediation

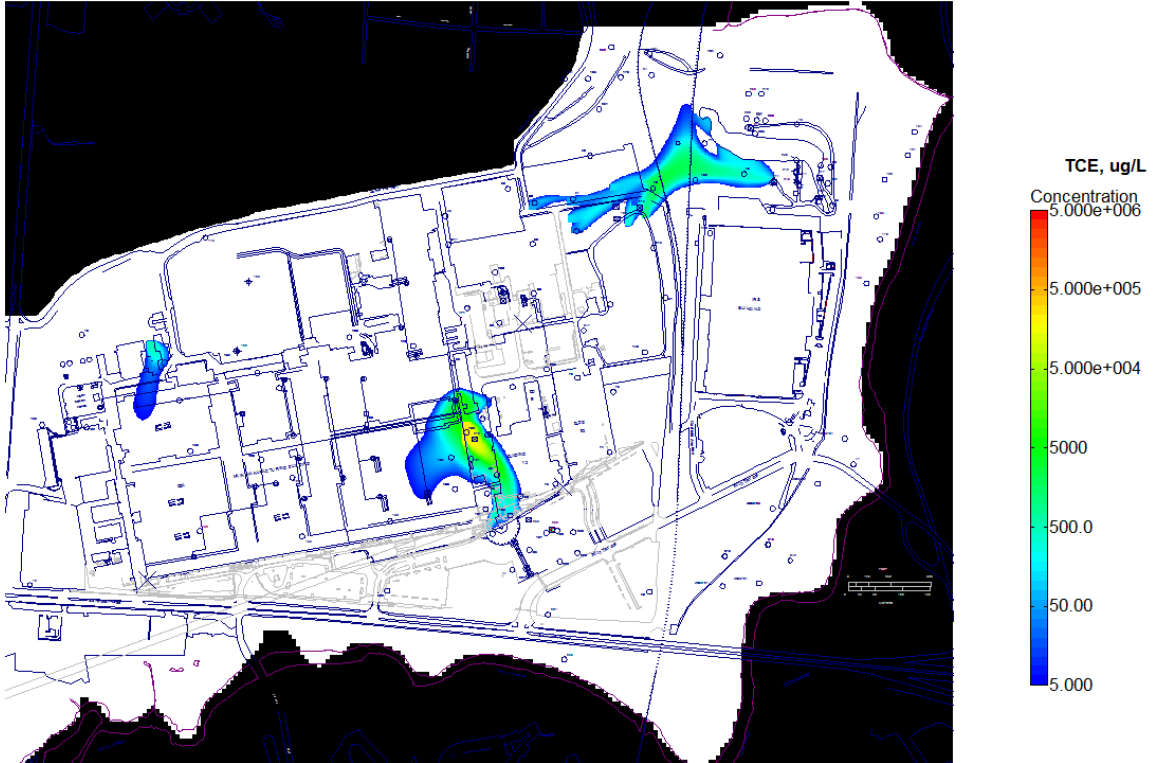
Future Conditions, 75% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 28: Plumes – TCE, Future Conditions, 95% Source  
Concentration Reduction, 0% Source Concentration Reduction**



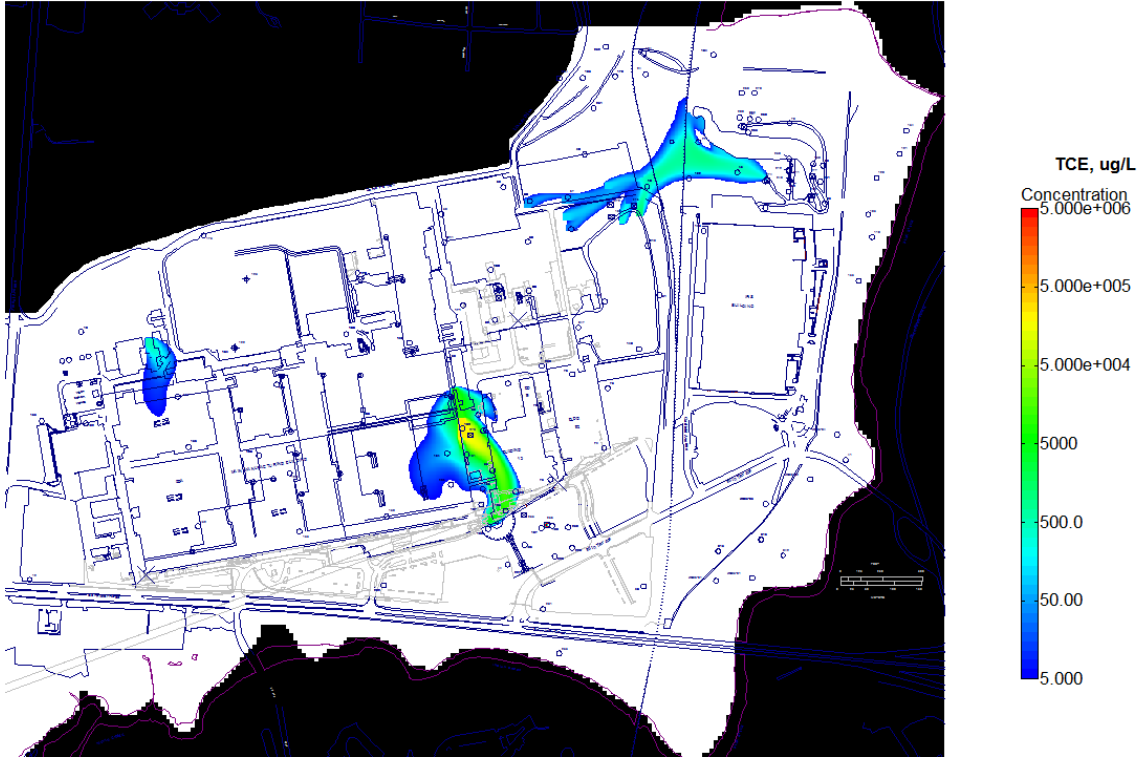


Future Conditions: Initial TCE Concentrations

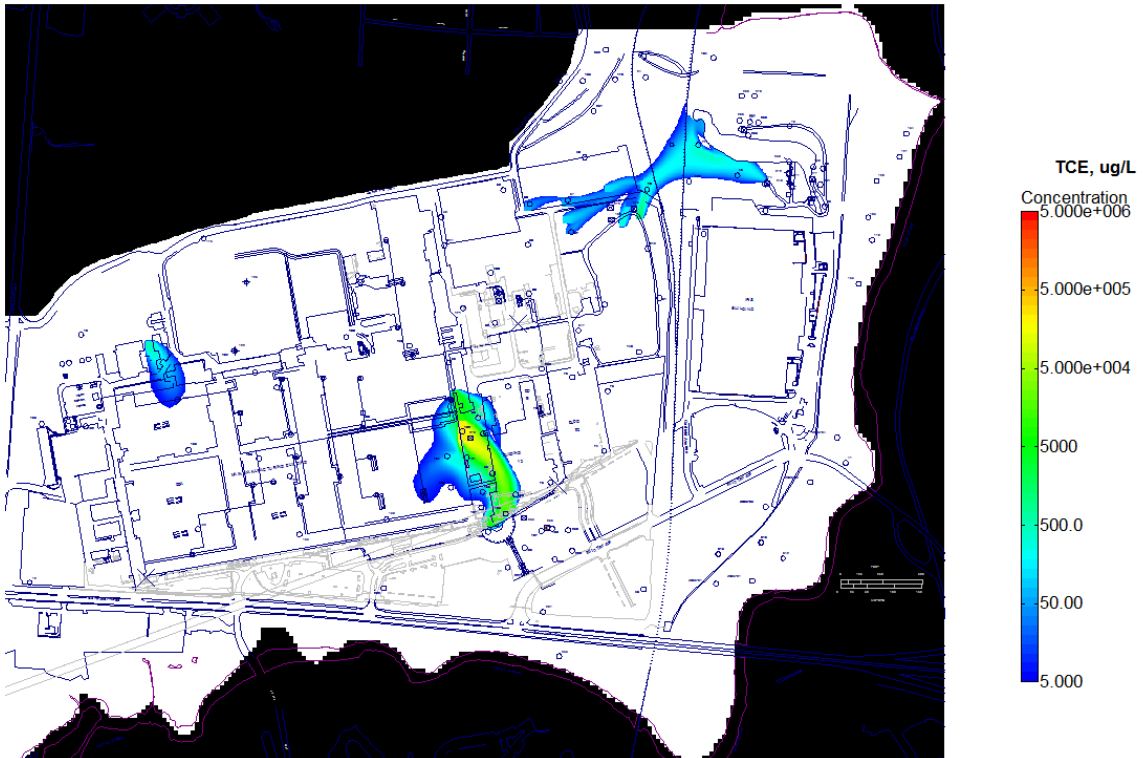


Future Conditions: TCE, Year 1, 1 year after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

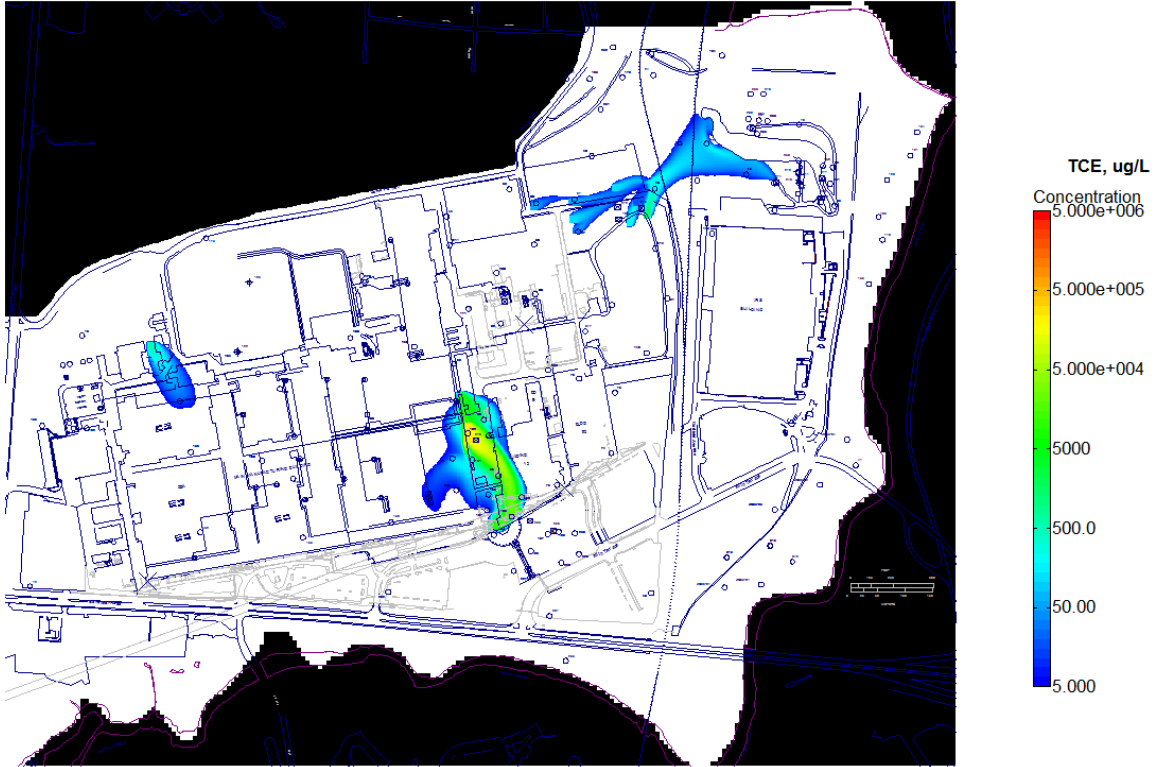


Future Conditions: TCE, Year 2, 2 years after source remediation

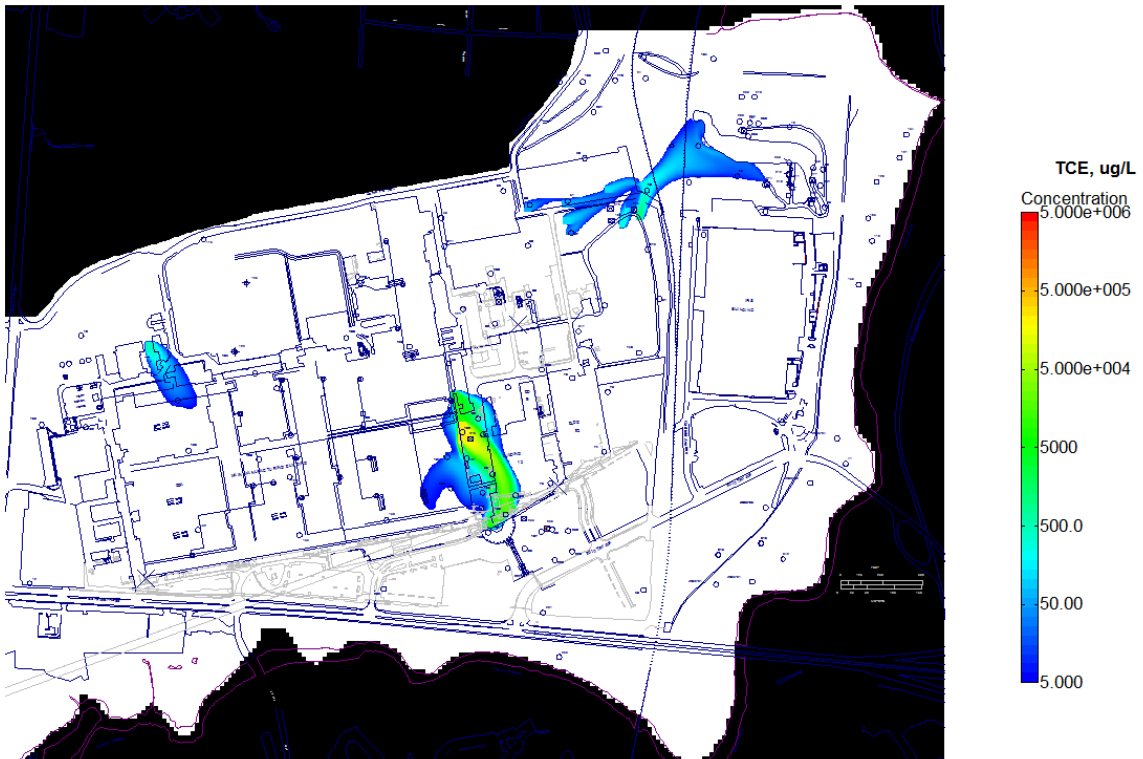


Future Conditions: TCE, Year 3, 3 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

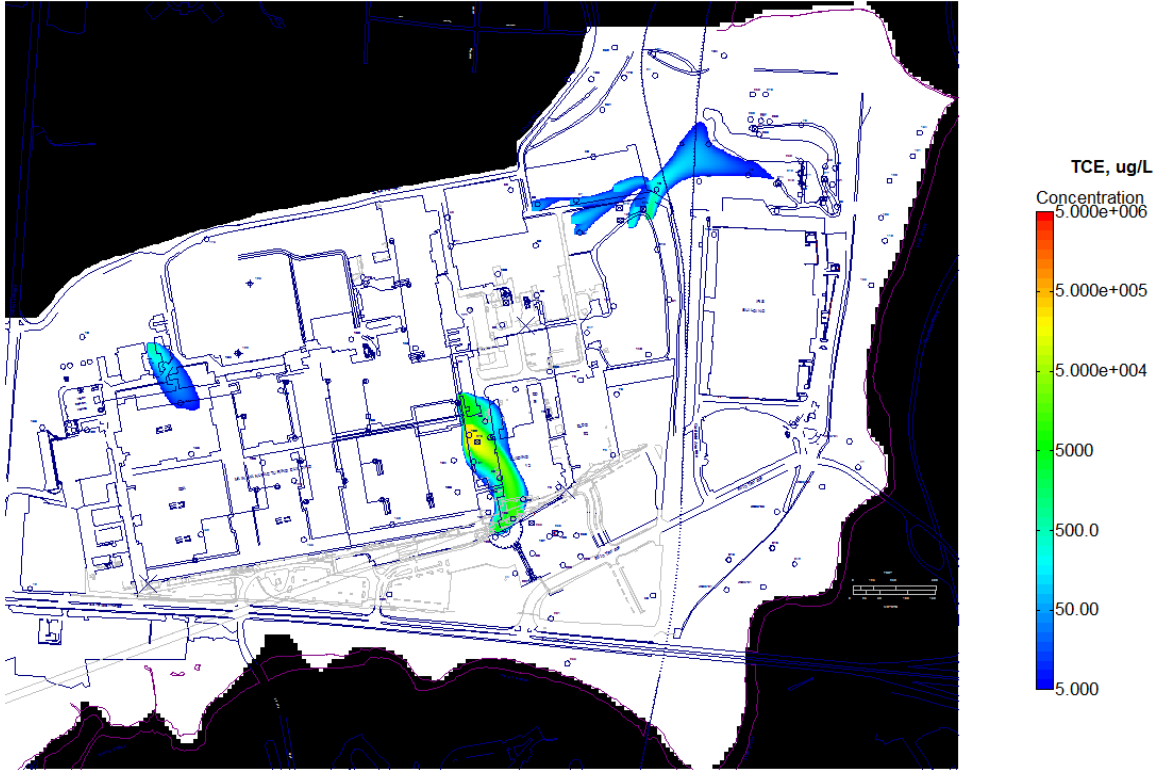


Future Conditions: TCE, Year 4, 4 years after source remediation

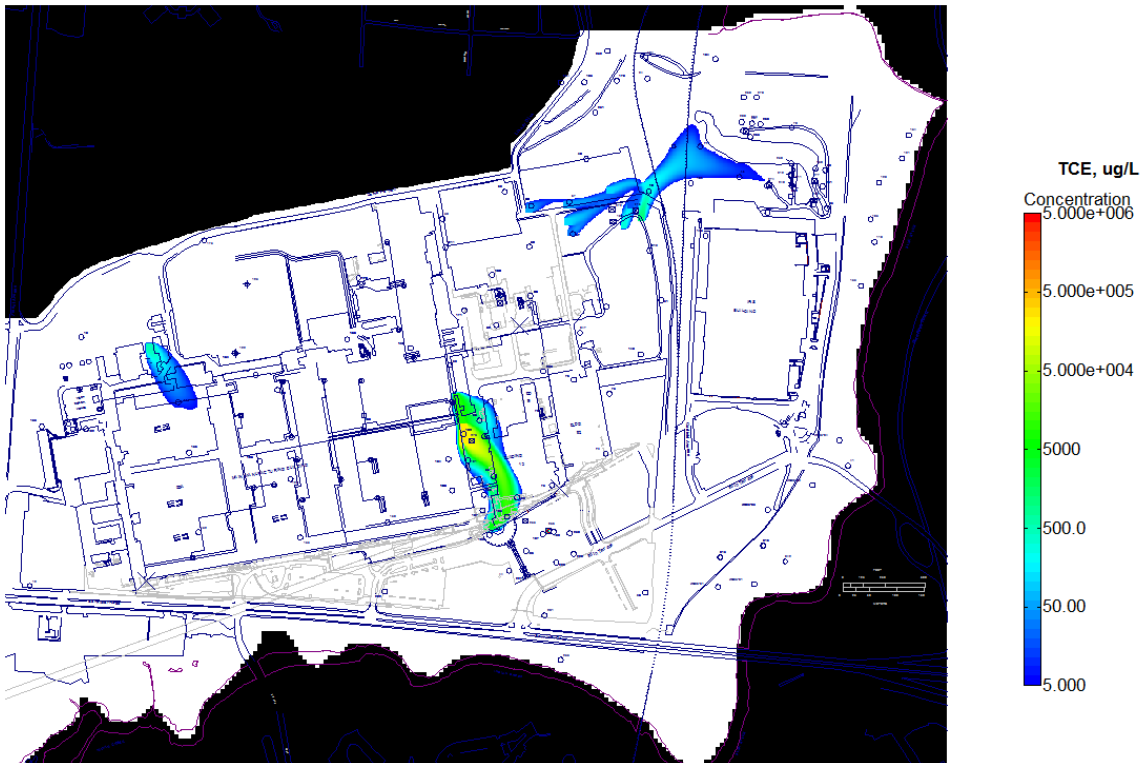


Future Conditions: TCE, Year 5, 5 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

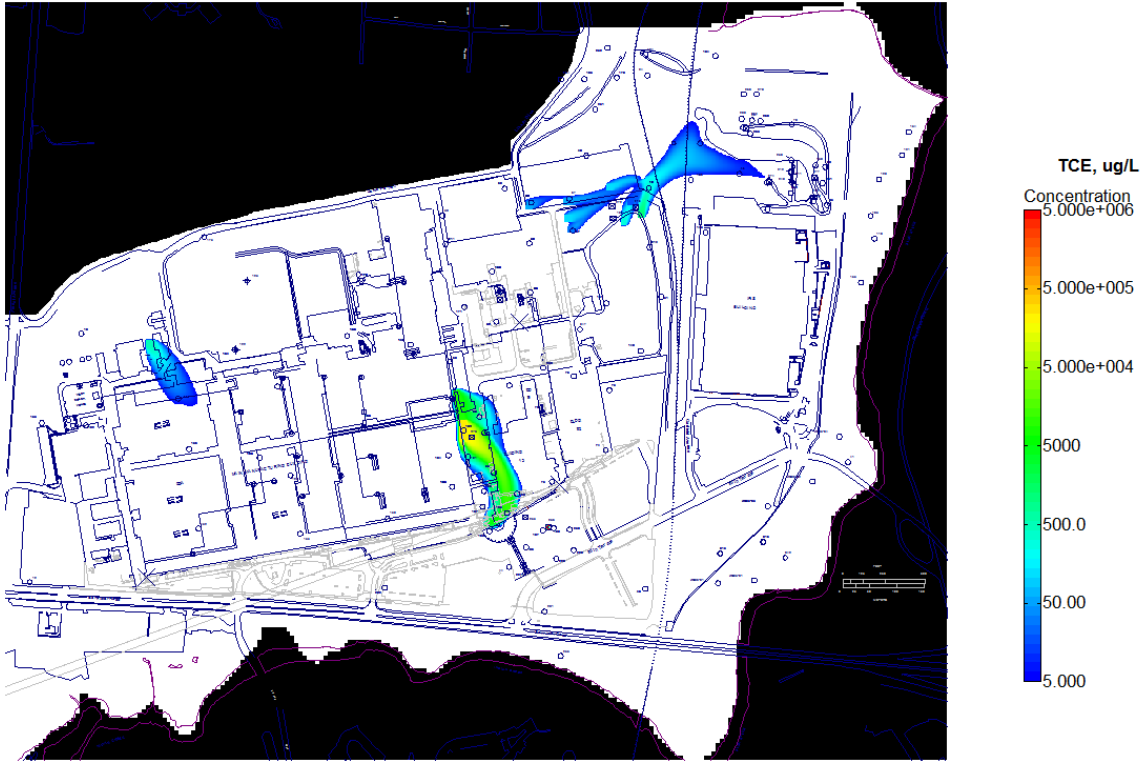


Future Conditions: TCE, Year 10, 10 years after source remediation



Future Conditions: TCE, Year 20, 20 year afters remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: TCE, Year 21 to 250, source concentration stable



Future Conditions: TCE, Year 251, 251 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: TCE, Year 252, 252 years after source remediation



Future Conditions: TCE, Year 253, 253 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction





Future Conditions: TCE, Year 254, 254 years after source remediation



Future Conditions: TCE, Year 255, 255 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

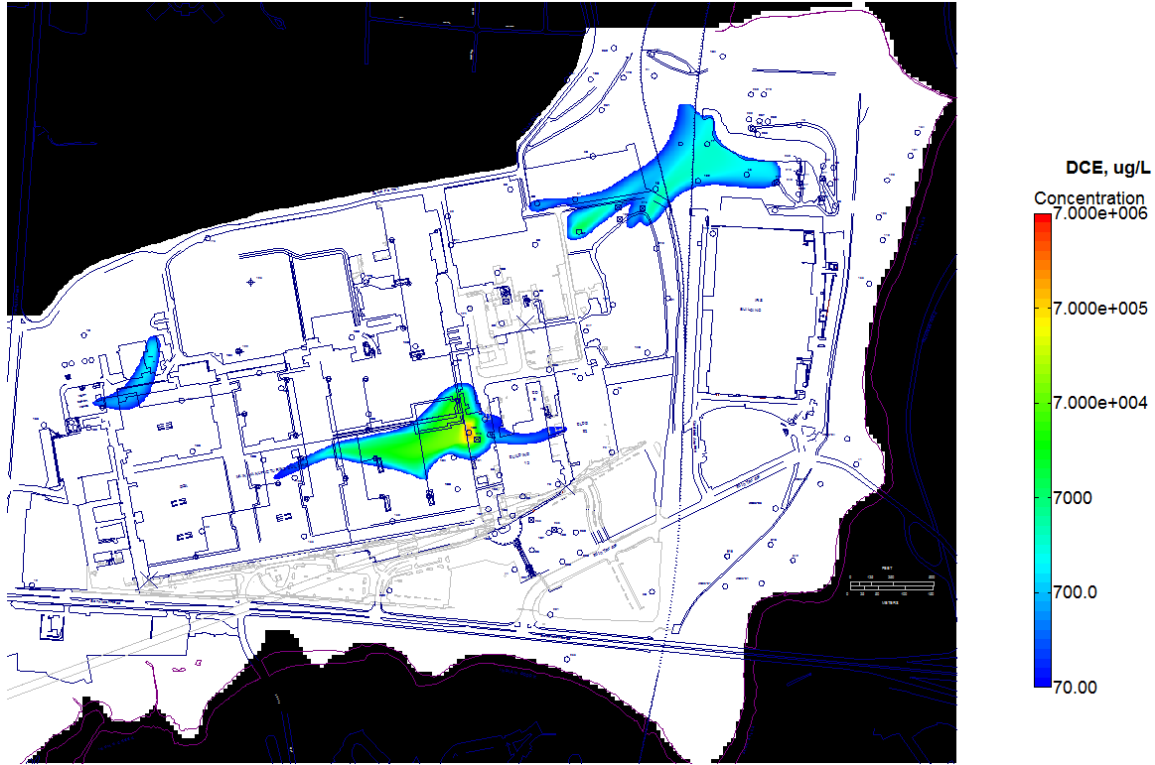




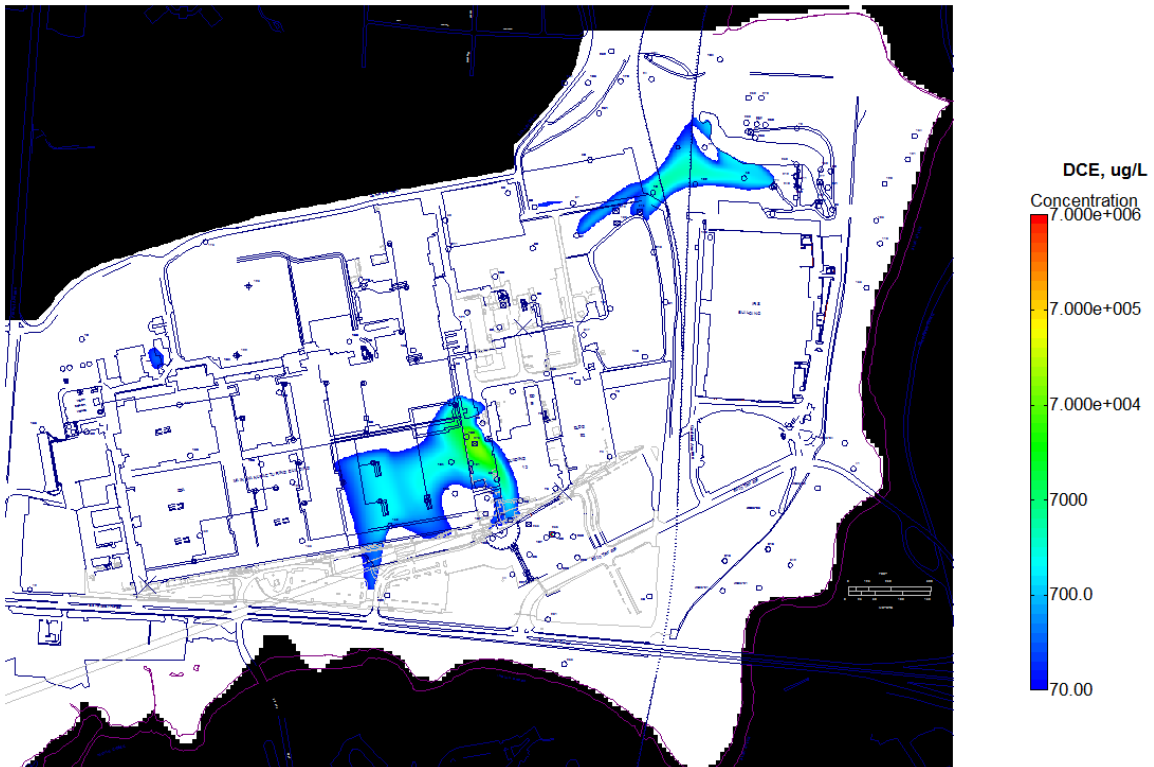
Future Conditions: TCE, Year 260, 260 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 29: Plumes – DCE, Future Conditions, 95% Source  
Concentration Reduction, 0% Source Concentration Reduction**

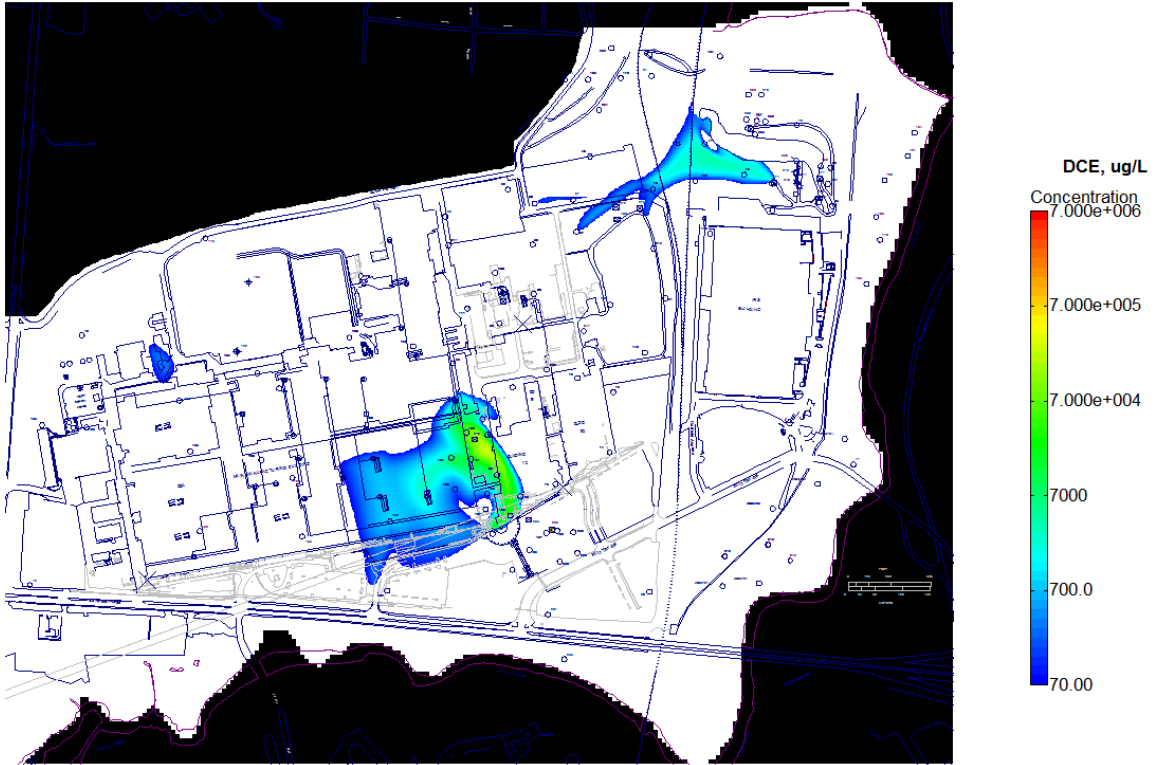


Future Conditions: Initial DCE Concentrations

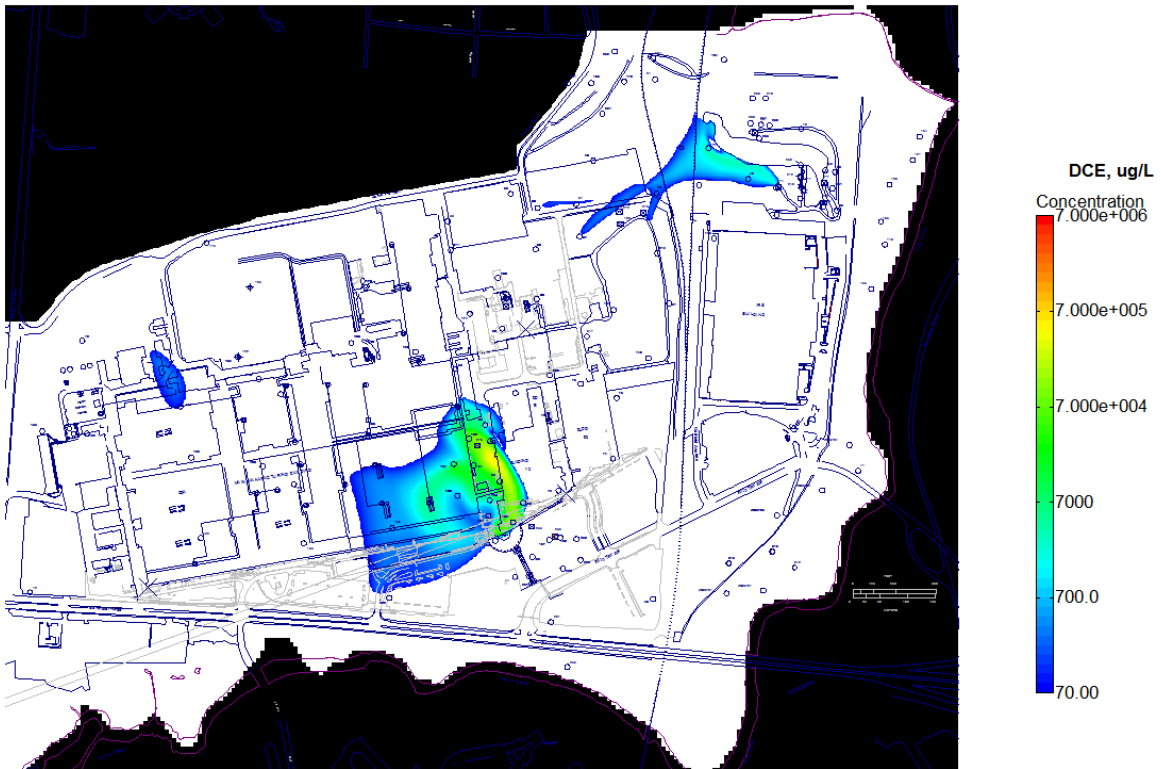


Future Conditions: DCE, Year 1, 1 year after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

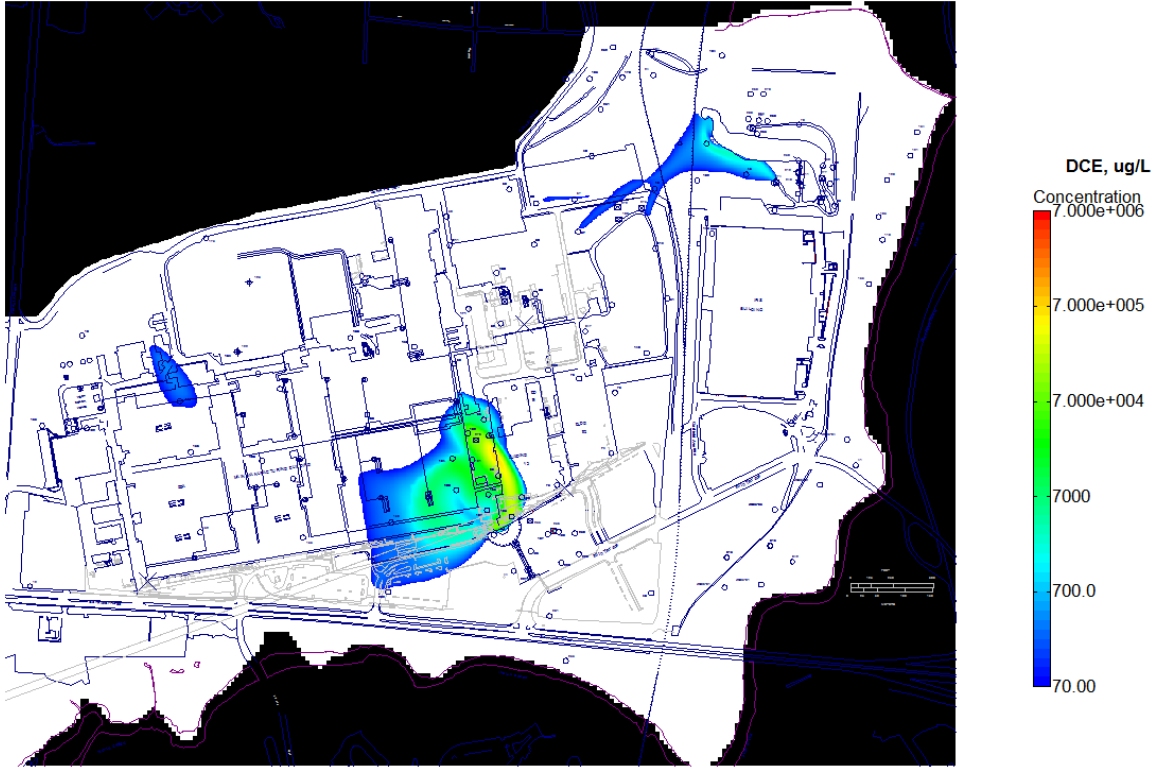


Future Conditions: DCE, Year 2, 2 years after source remediation

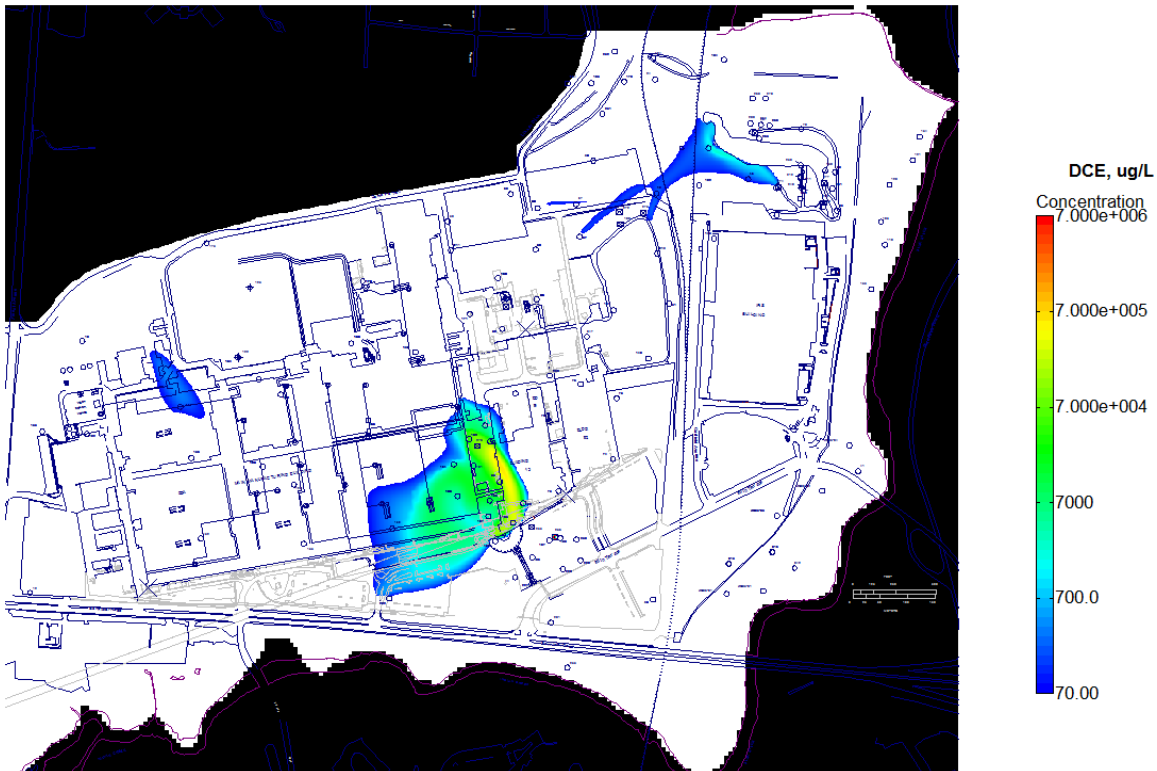


Future Conditions: DCE, Year 3, 3 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: DCE, Year 4, 4 years after source remediation



Future Conditions: DCE, Year 5, 5 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: DCE, Year 10, 10 years after source remediation



Future Conditions: DCE, Year 20, 20 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction





Future Conditions: DCE, Year 30, 30 years after source remediation



Future Conditions: DCE, Year 31 to 250, source concentration stable

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: DCE, Year 251, 251 years after source remediation



Future Conditions: DCE, Year 252, 252 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: DCE, Year 253, 253 years after source remediation



Future Conditions: DCE, Year 254, 254 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: DCE, Year 255, 255 years after source remediation



Future Conditions: DCE, Year 260, 260 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: DCE, Year 270, 270 years after source remediation

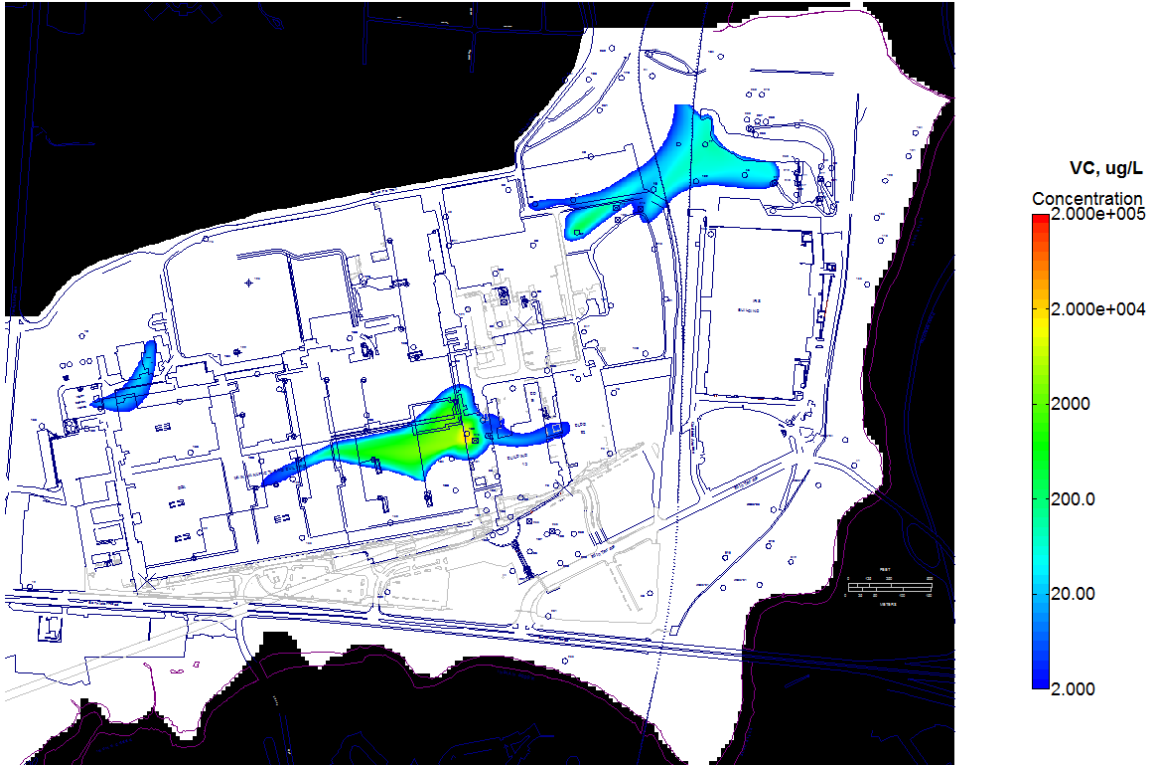


Future Conditions: DCE, Year 280, 280 years after source remediation

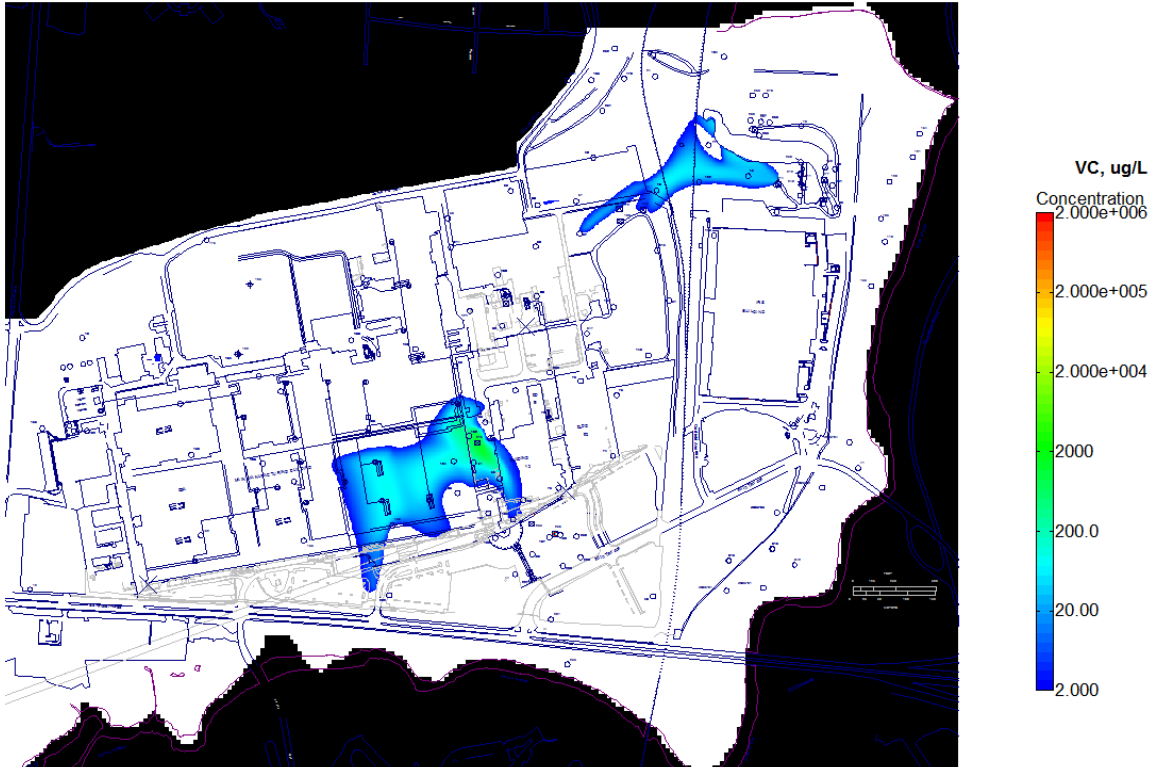
Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 30: Plumes – VC, Future Conditions, 95% Source  
Concentration Reduction, 0% Source Concentration Reduction**



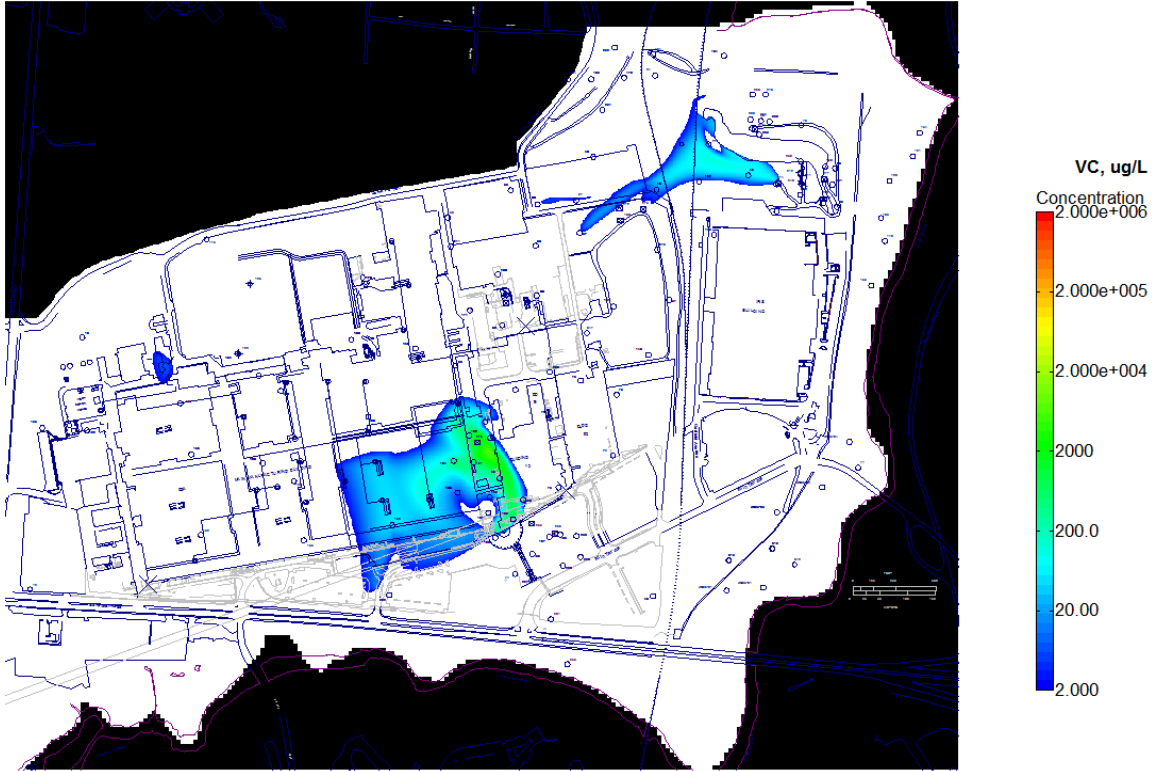


Future Conditions: Initial VC Concentrations

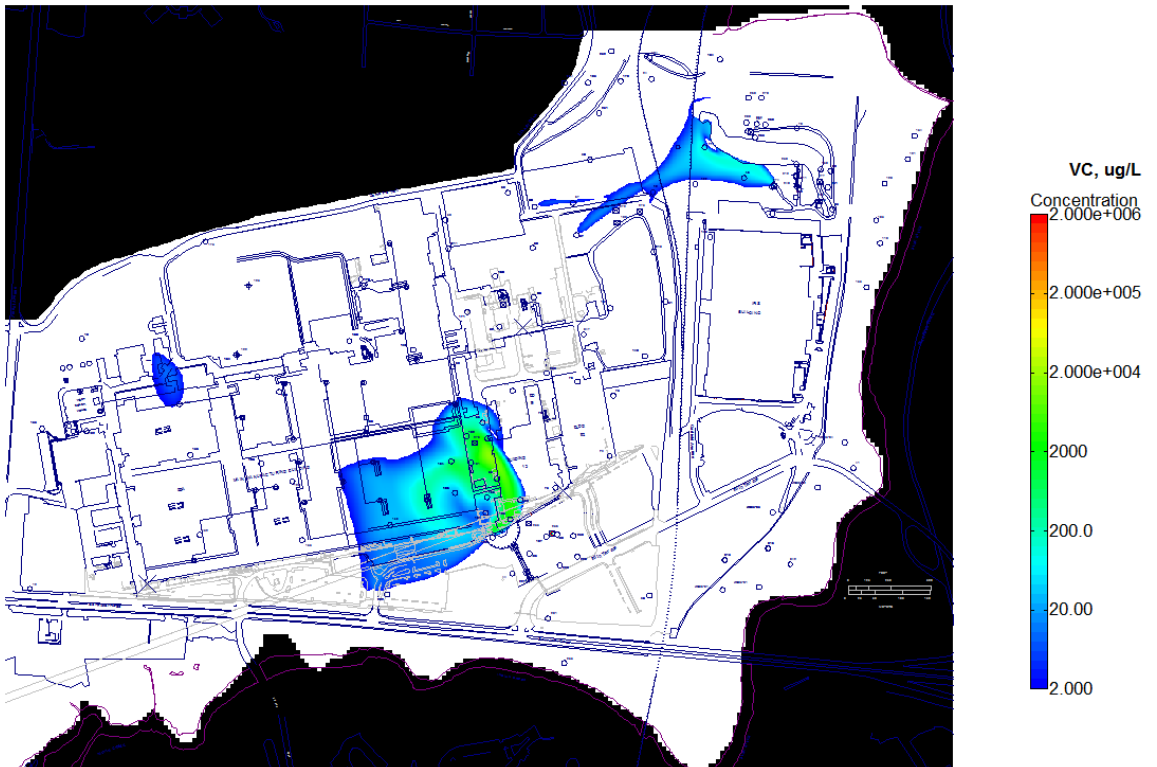


Future Conditions: VC, Year 1, 1 year after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

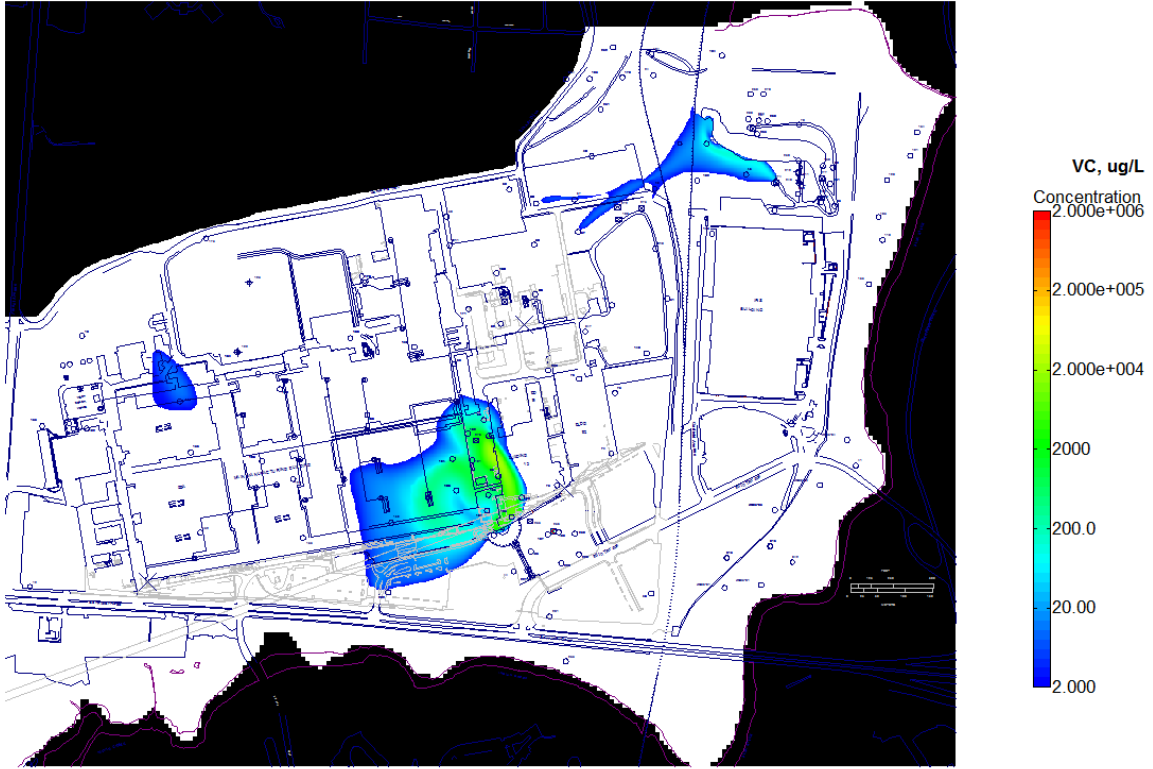


Future Conditions: VC, Year 2, 2 years after source remediation

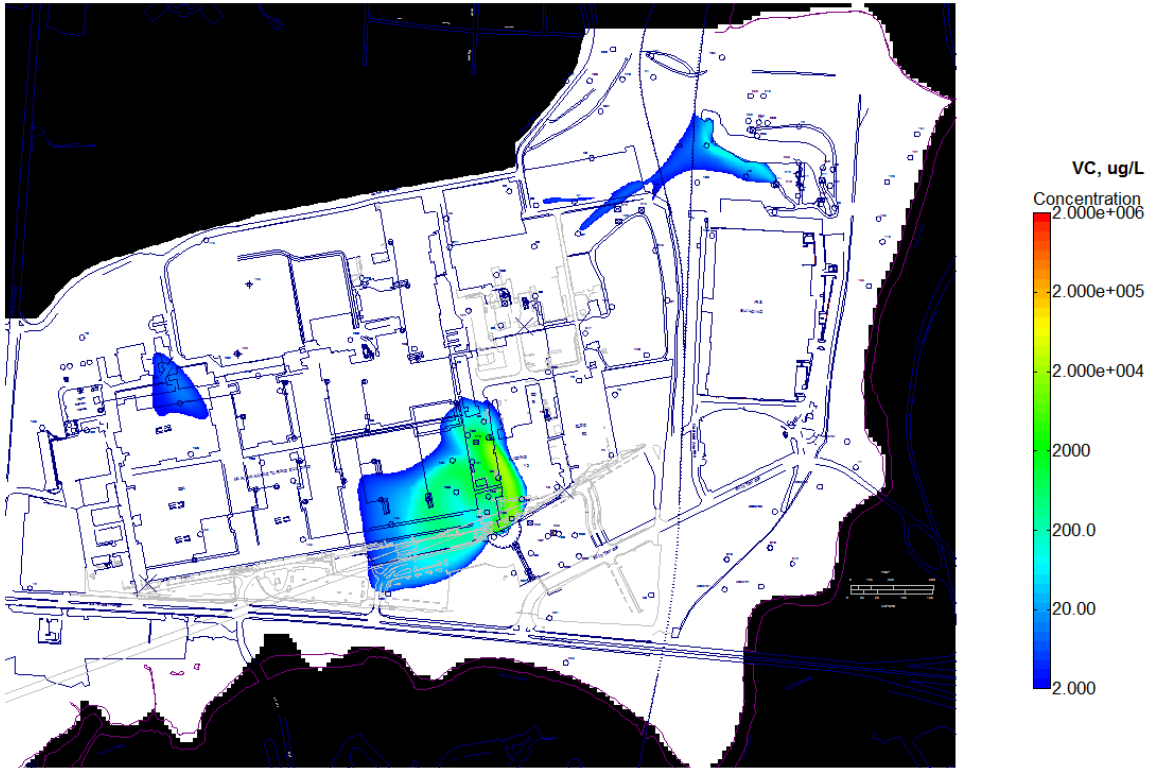


Future Conditions: VC, Year 3, 3 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

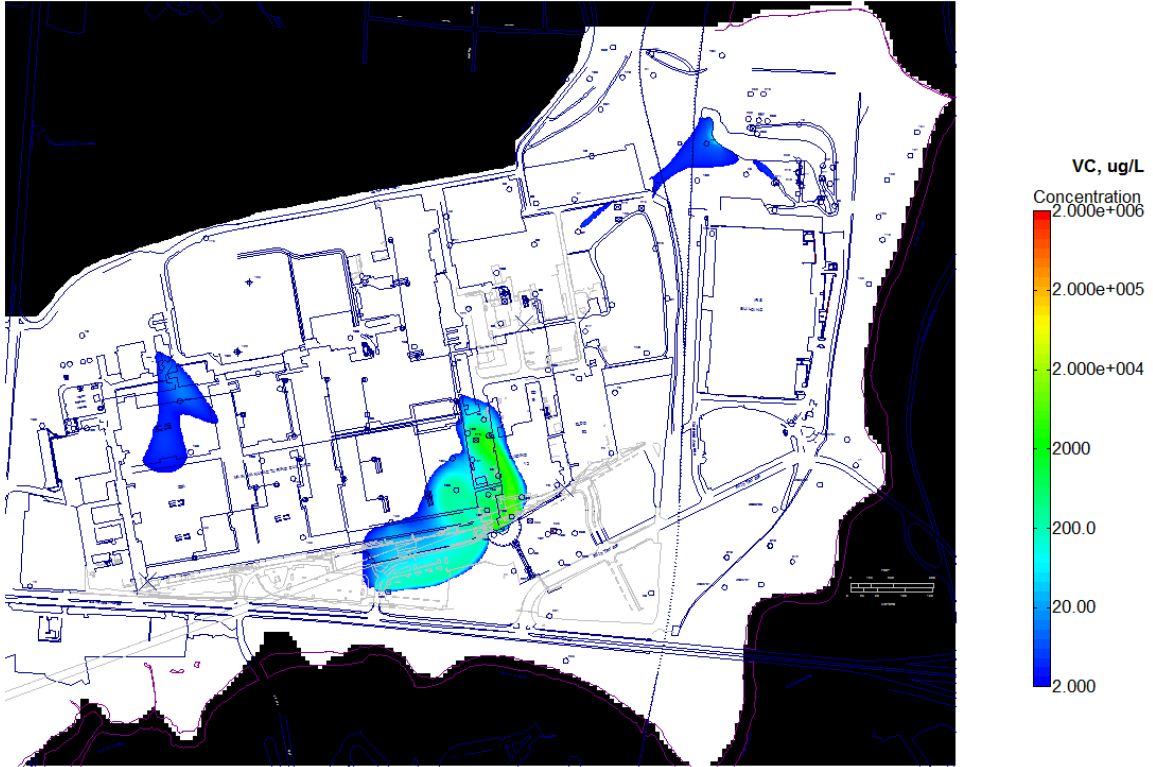


Future Conditions: VC, Year 4, 4 years after source remediation



Future Conditions: VC, Year 5, 5 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

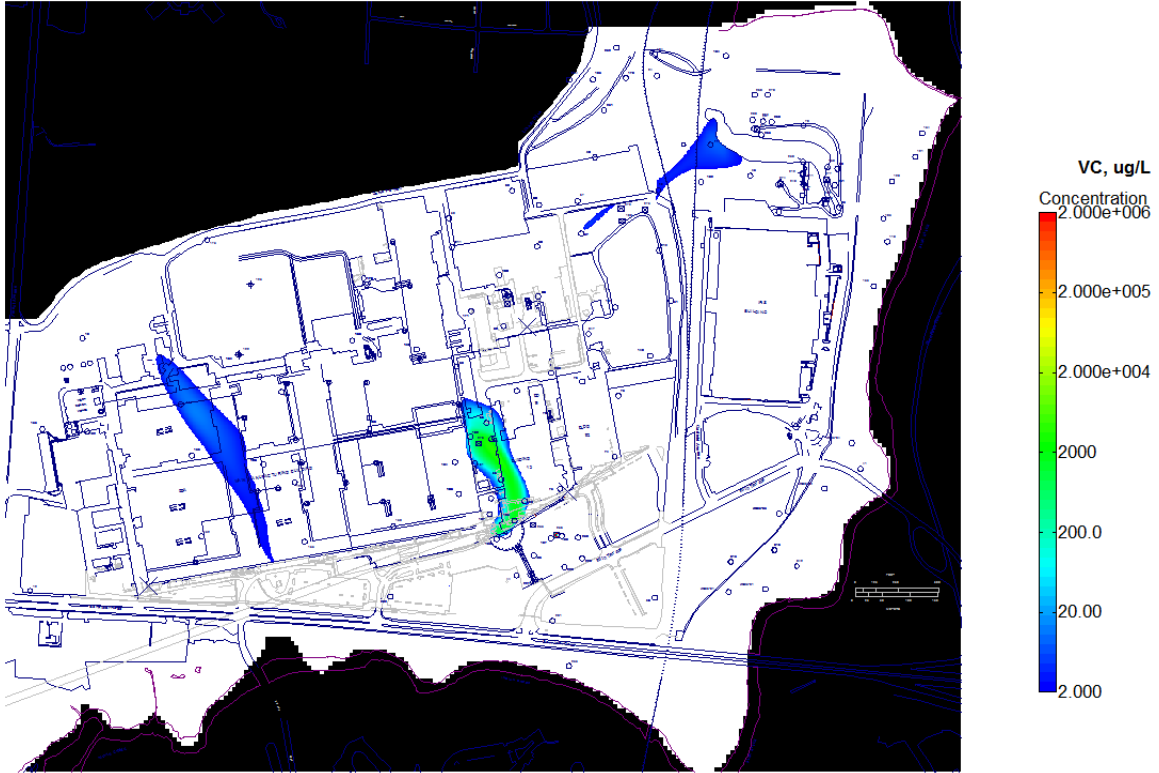


Future Conditions: VC, Year 10, 10 years after source remediation



Future Conditions: VC, Year 20, 20 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: VC, Year 30, 30 years after source remediation



Future Conditions: VC, Year 31 to 250, source concentration stable

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction





Future Conditions: VC, Year 251, 251 years after source remediation



Future Conditions: VC, Year 252, 252 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction





Future Conditions: VC, Year 253, 253 years after source remediation



Future Conditions: VC, Year 254, 254 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



Future Conditions: VC, Year 255, 255 years after source remediation



Future Conditions: VC, Year 260, 260 years after source remediation

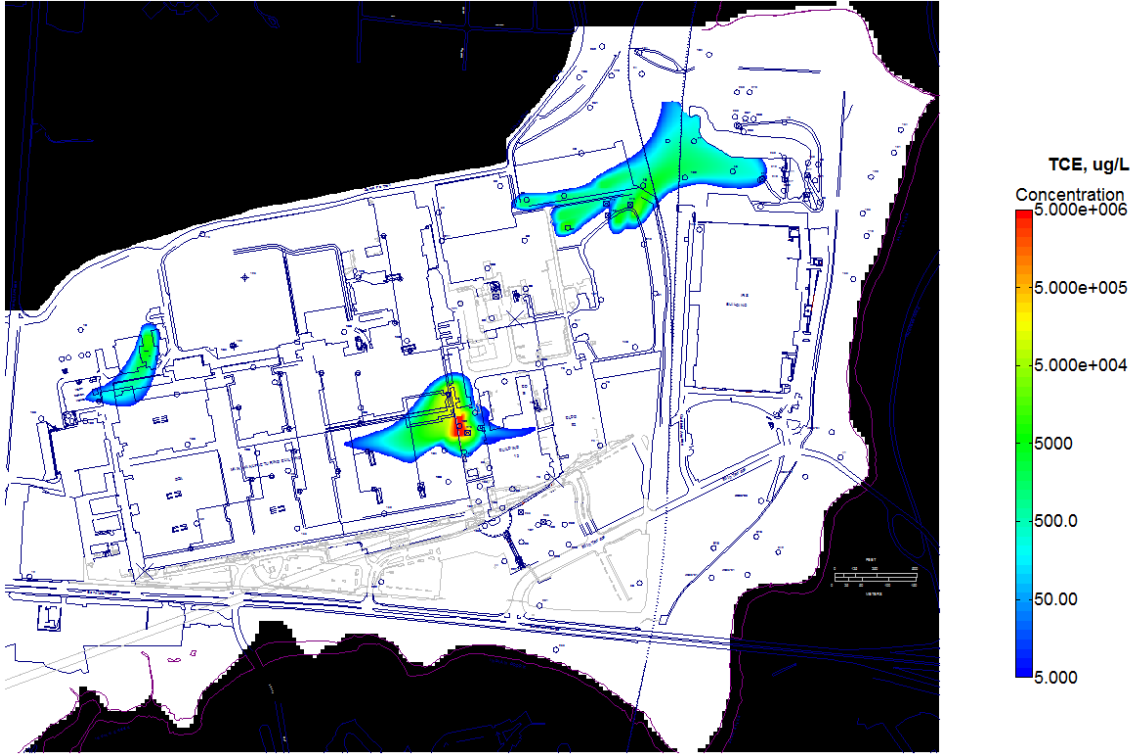
Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction



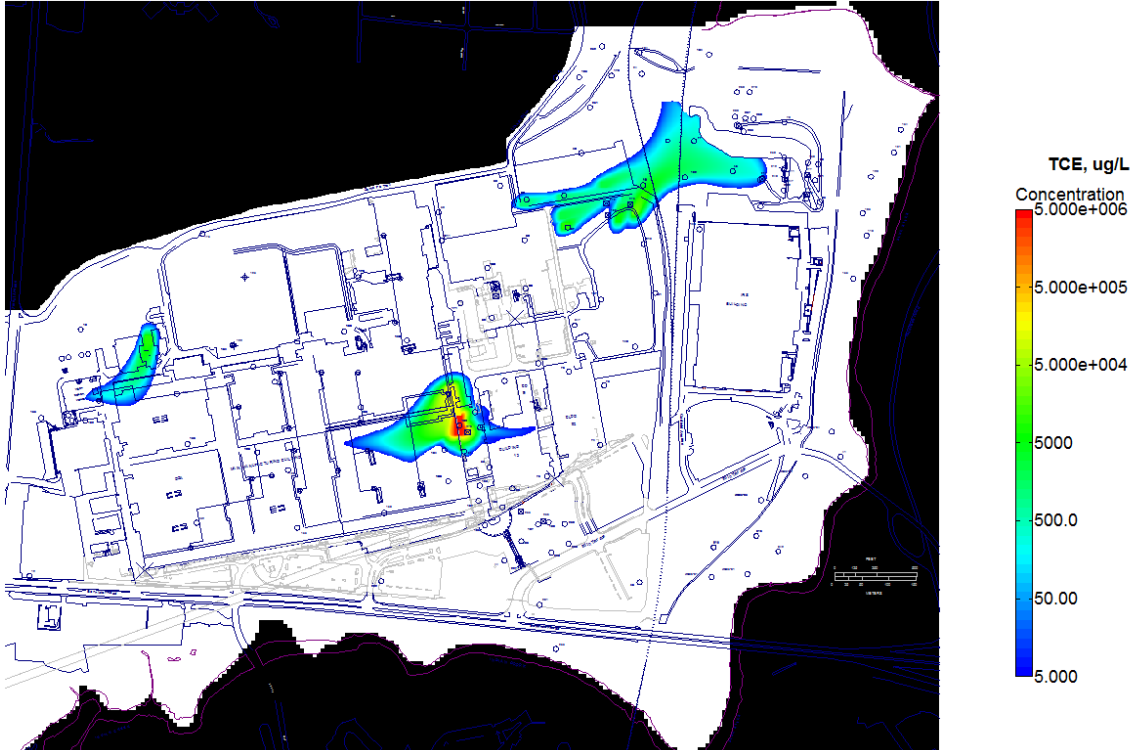
Future Conditions: VC, Year 270, 270 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 0% Source Duration Reduction

**Appendix 31: Plumes – TCE, Current Conditions, 0% Source  
Concentration Reduction, 50% Source Duration Reduction**

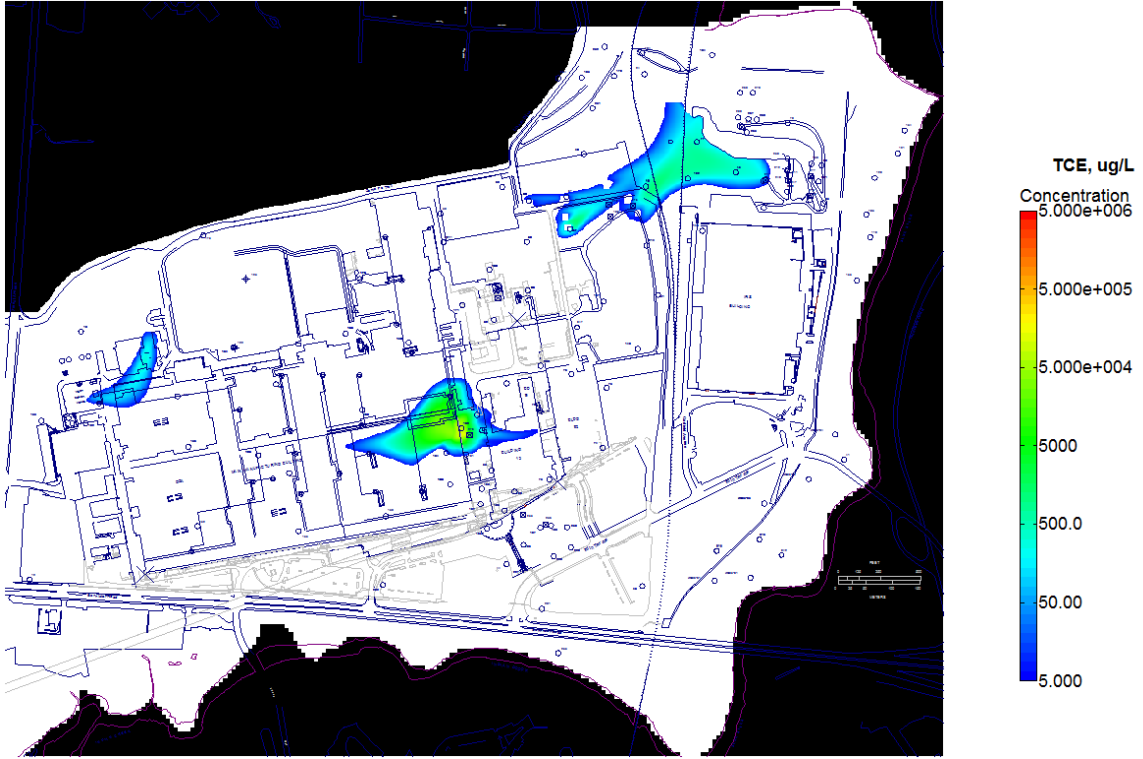


Current Conditions: Initial TCE Concentrations



Current Conditions: TCE, Years 1 through 125, source active

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



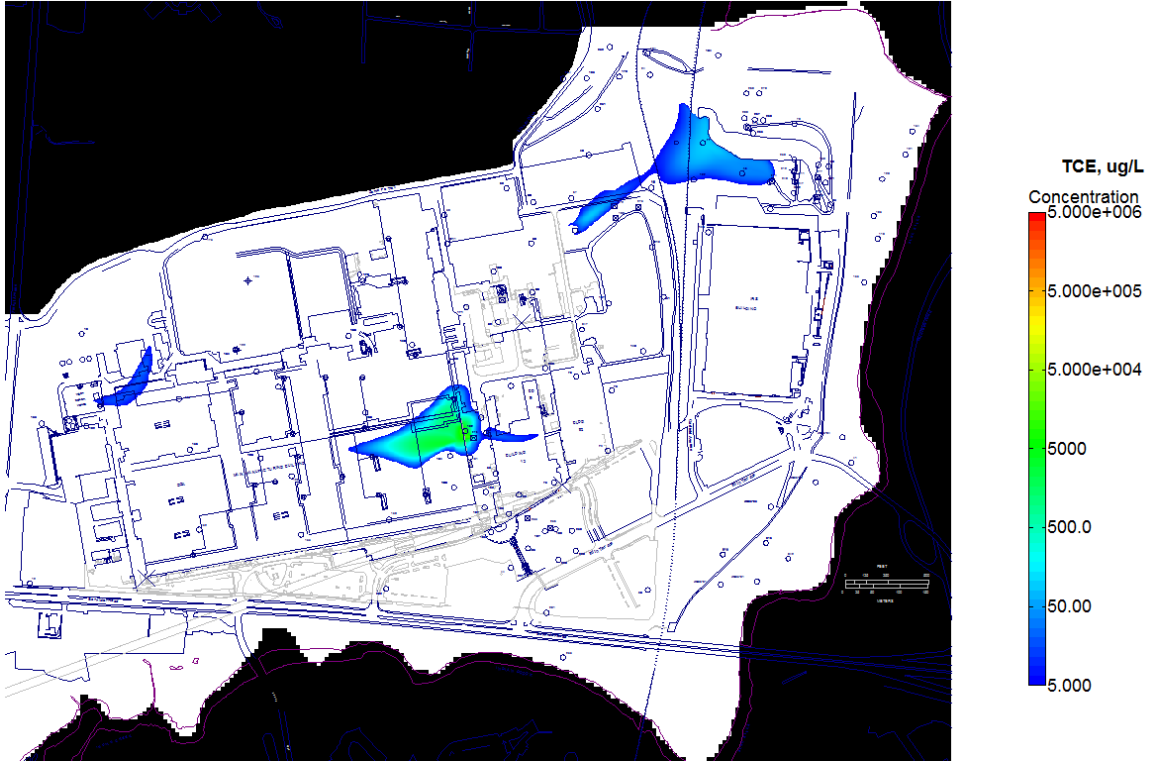
Current Conditions: TCE, Year 126, 1 year after 50% source duration reduction



Current Conditions: TCE, Year 127, 2 years after 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction





Current Conditions: TCE, Year 128, 3 years after 50% source duration reduction



Current Conditions: TCE, Year 129, 4 years after 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: TCE, Year 130, 5 years after 50% source duration reduction



Current Conditions: TCE, Year 131, 6 years after 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: TCE, Year 132, 7 years after 50% source duration reduction



Current Conditions: TCE, Year 133, 8 years after 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



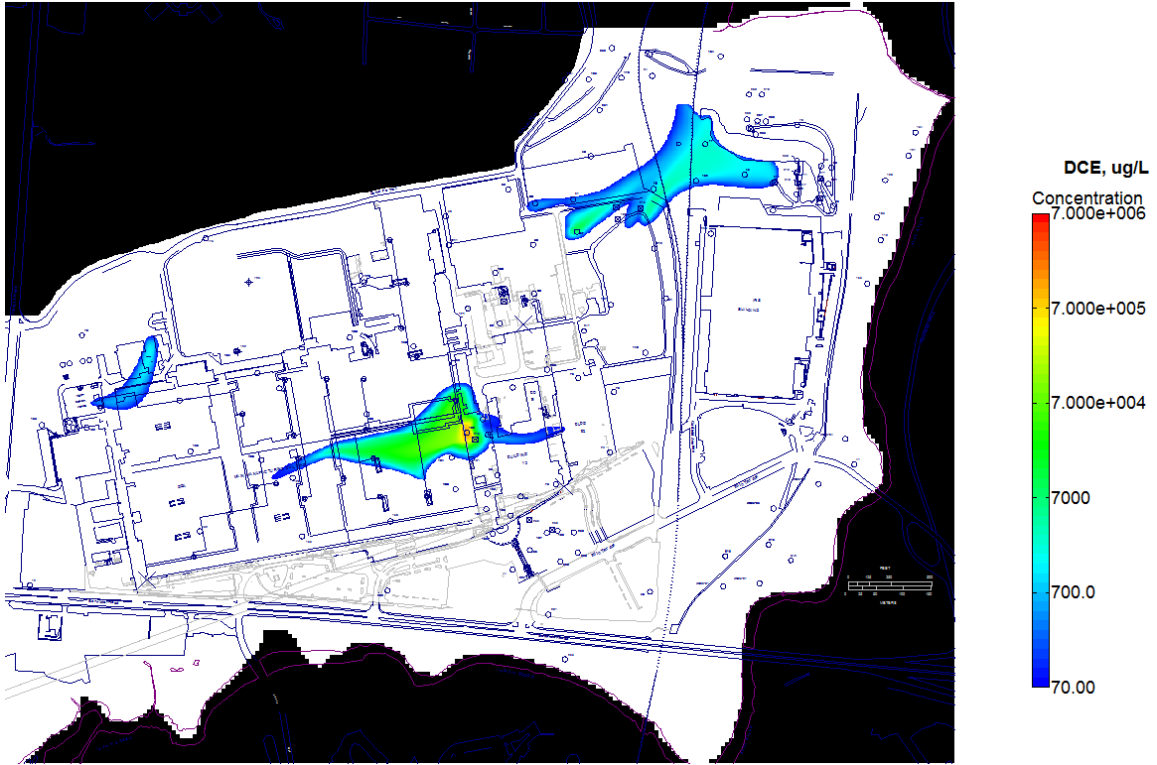
Current Conditions: TCE, Year 134, 9 years after 50% source duration reduction



Current Conditions: TCE, Year 135, 10 years after 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

**Appendix 32: Plumes – DCE, Current Conditions, 0% Source  
Concentration Reduction, 50% Source Duration Reduction**



Current Conditions: Initial DCE Concentrations



Current Conditions: DCE, Years 1 through 125, constant source

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



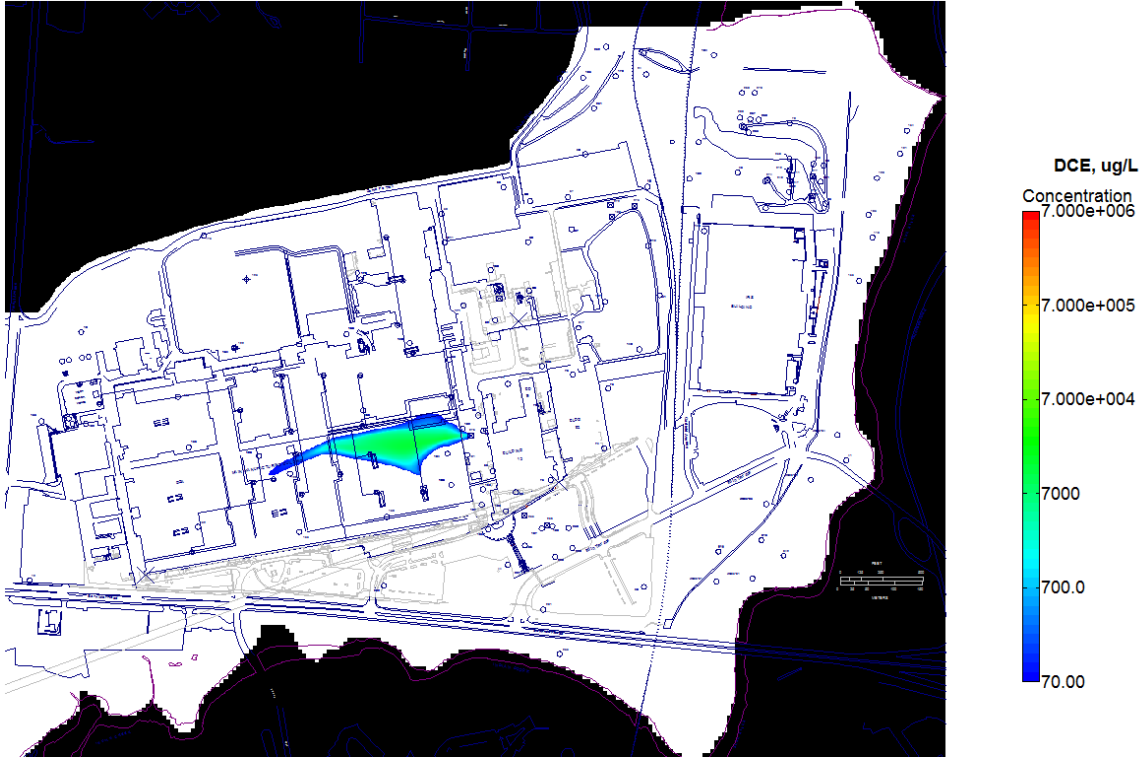


Current Conditions: DCE, Year 130, 5 years after 50% source duration reduction



Current Conditions: DCE, Year 135, 10 years after 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: DCE, Year 145, 20 years after 50% source duration reduction



Current Conditions: DCE, Year 155, 30 years after 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: DCE, Year 165, 40 years after 50% source duration reduction



Current Conditions: DCE, Year 175, 50 years after 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



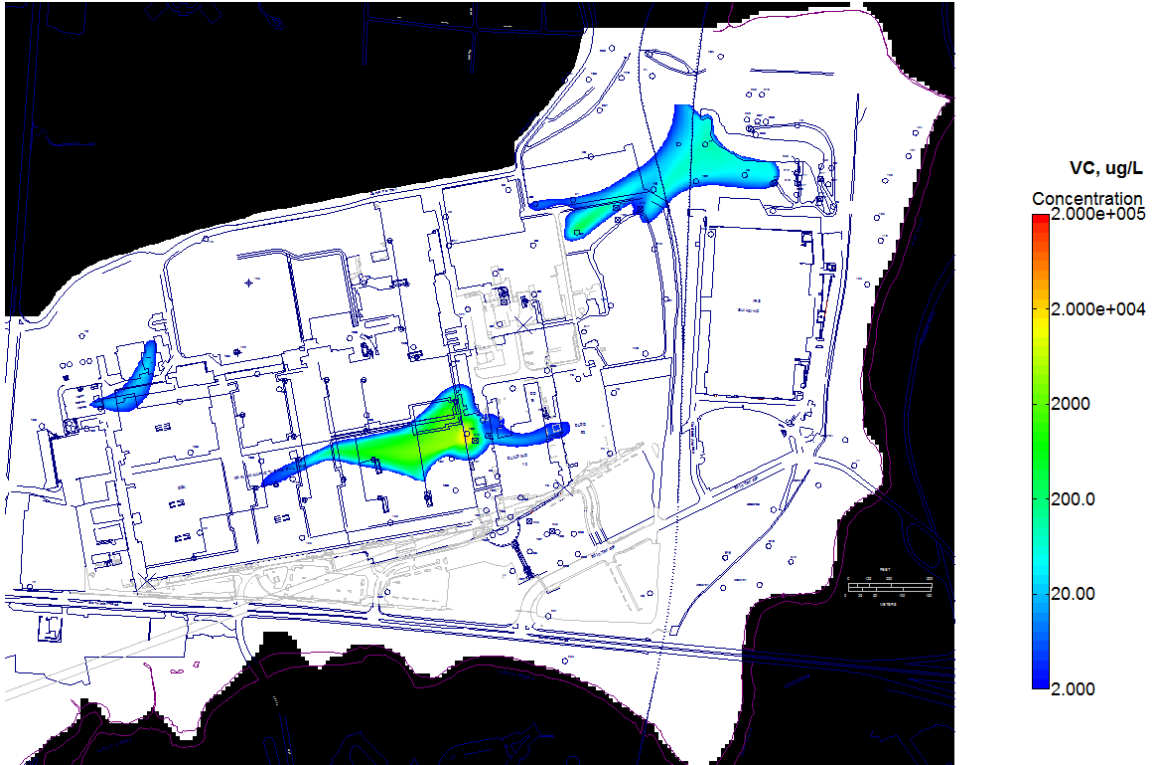
Current Conditions: DCE, Year 185, 60 years after 50% source duration reduction



Current Conditions: DCE, Year 195, 70 years 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

**Appendix 33: Plumes – VC, Current Conditions, 0% Source  
Concentration Reduction, 50% Source Duration Reduction**



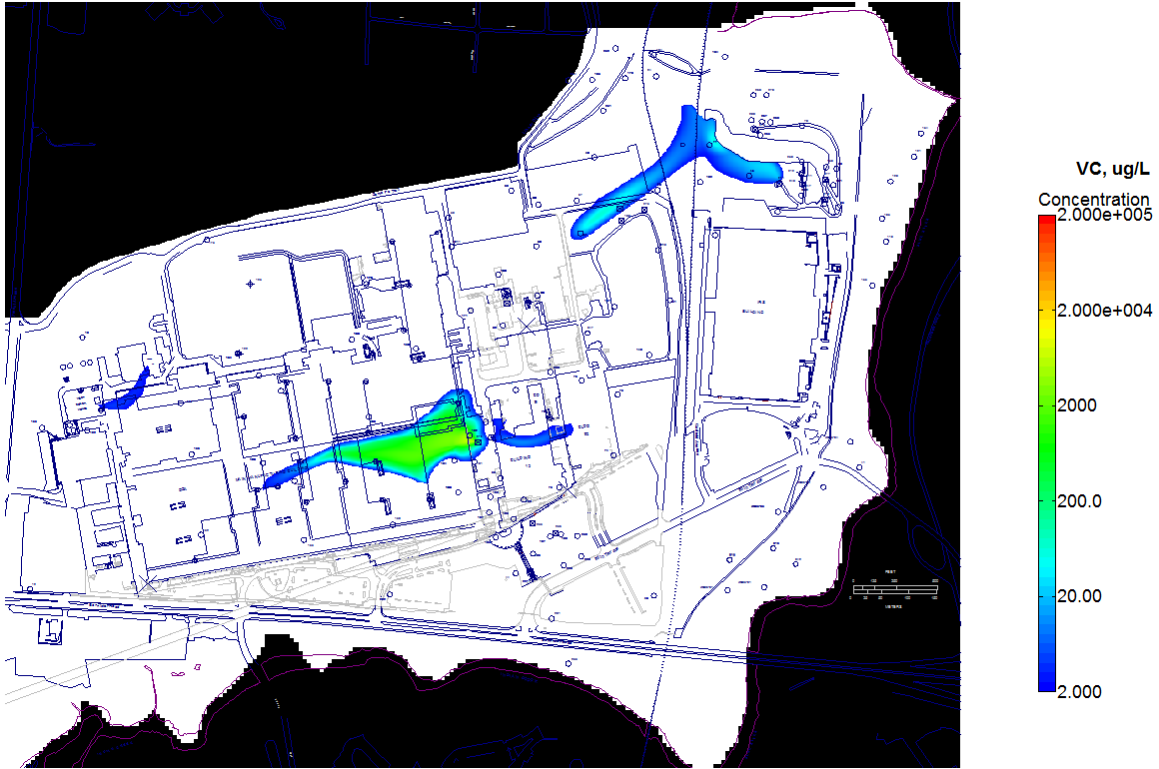
Current Conditions: Initial VC Concentrations



Current Conditions: VC, Years 1 through 125, constant source

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



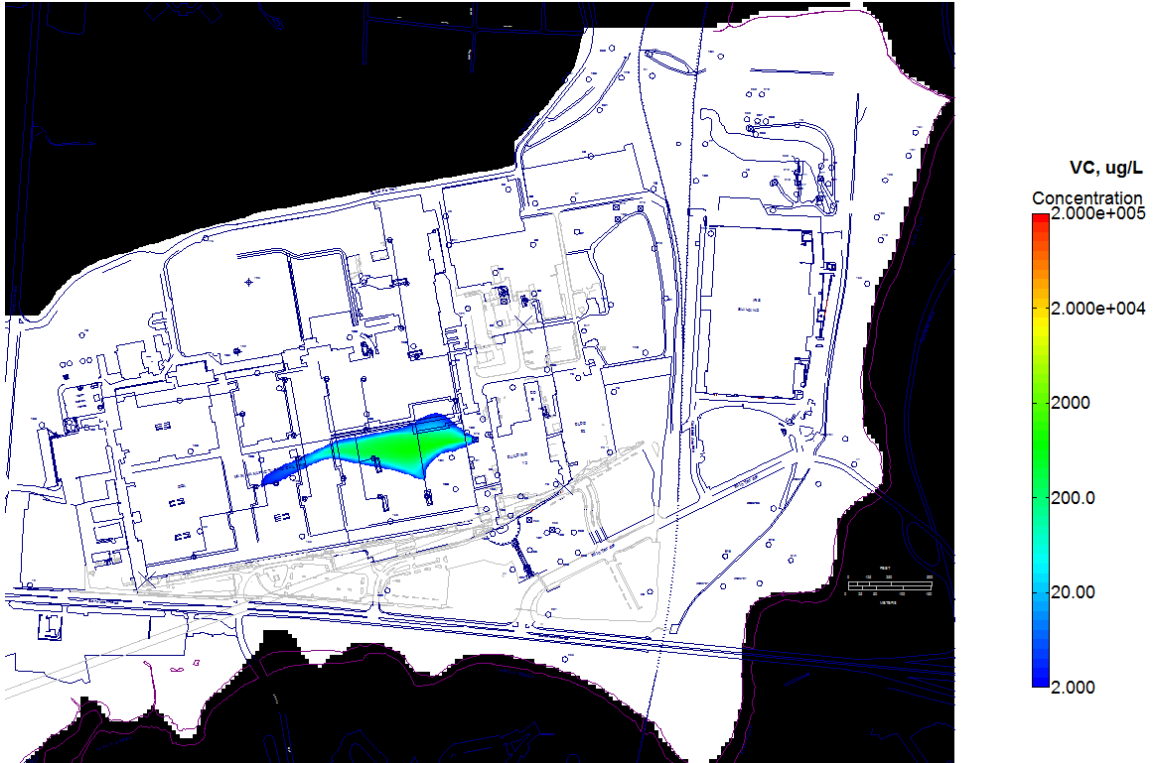


Current Conditions: VC, Year 130, 5 years after 50% source duration reduction

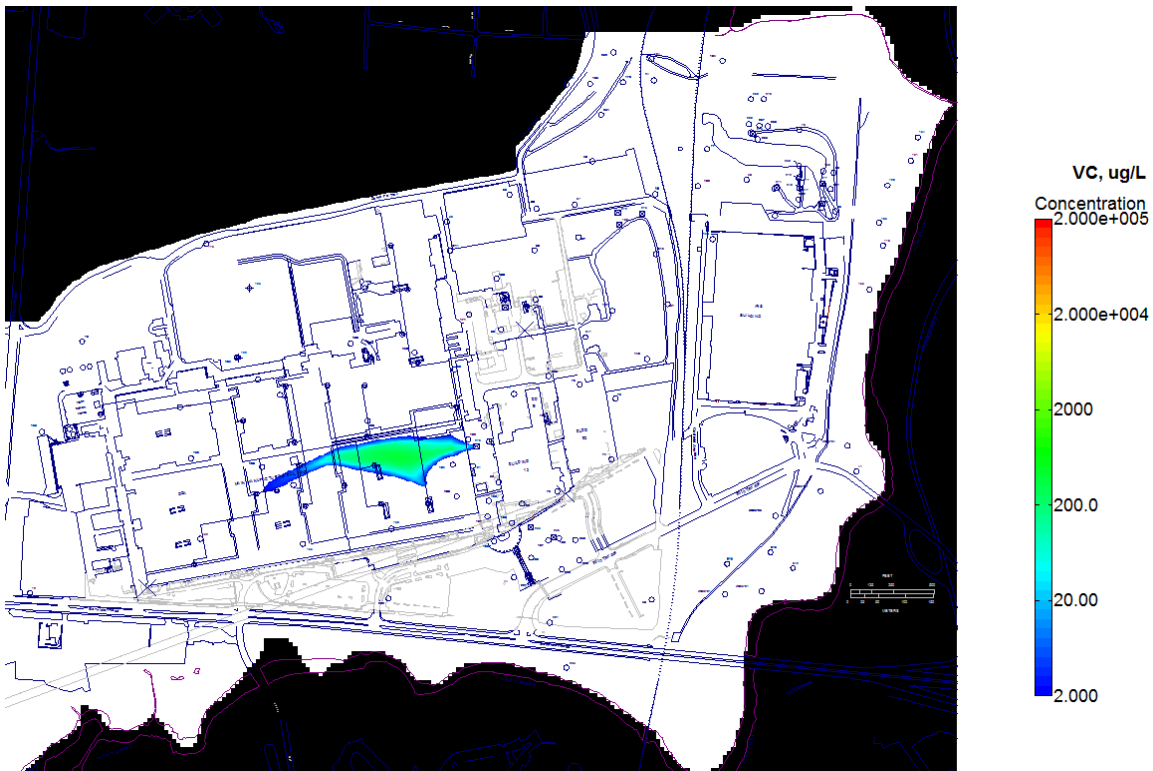


Current Conditions: VC, Year 135, 10 years after 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: VC, Year 145, 20 years after 50% source duration reduction



Current Conditions: VC, Year 155, 30 years after 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: VC, Year 165, 40 years after 50% source duration reduction



Current Conditions: VC, Year 175, 50 years 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



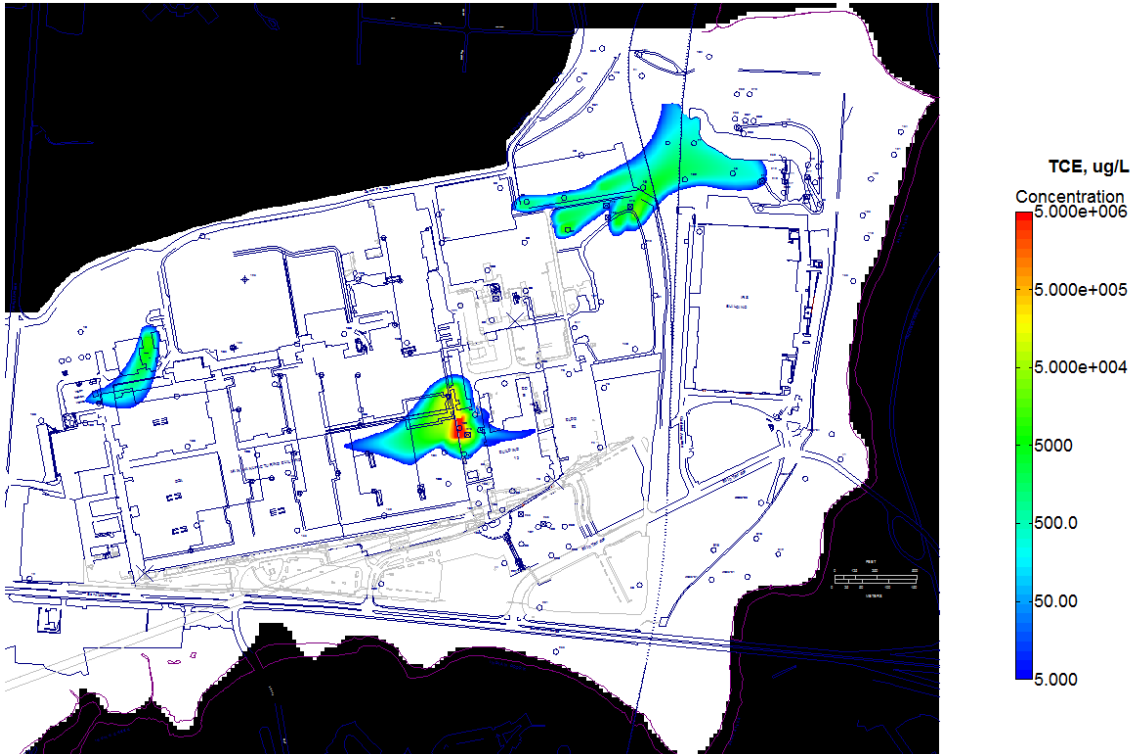
Current Conditions: VC, Year 185, 60 years after 50% source duration reduction



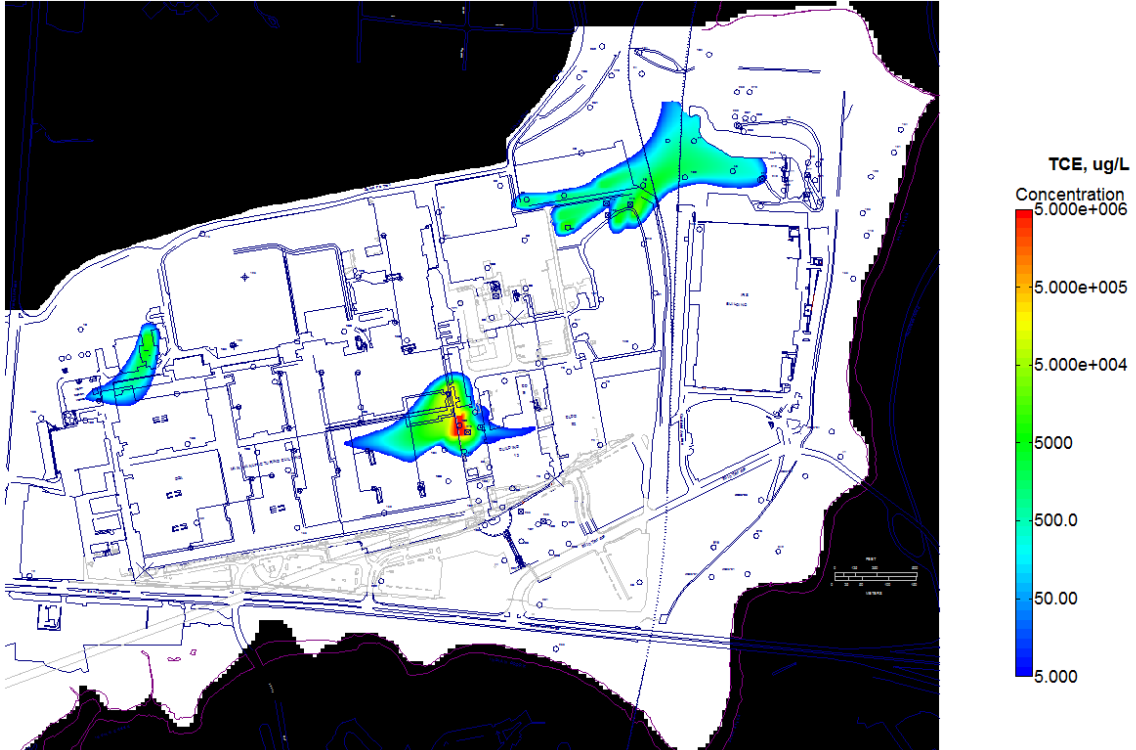
Current Conditions: VC, Year 195, 70 years after 50% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

**Appendix 34: Plumes – TCE, Current Conditions, 0% Source  
Concentration Reduction, 75% Source Duration Reduction**



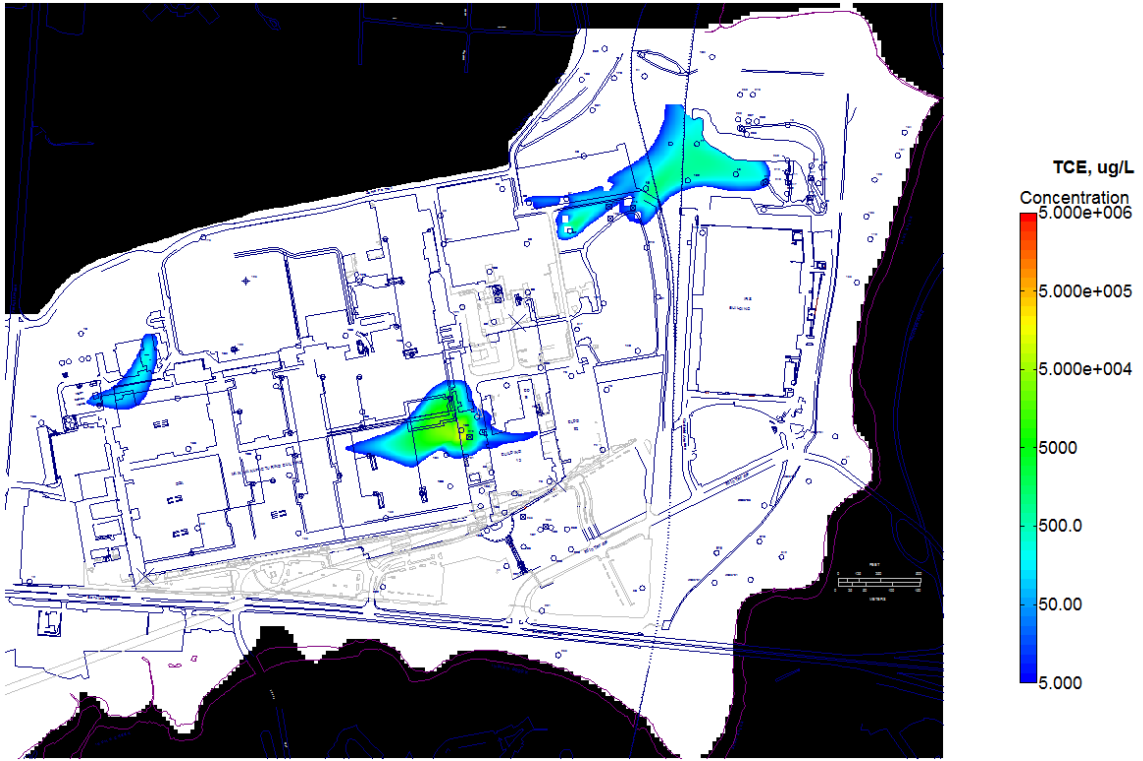
Current Conditions: Initial TCE Concentrations



Current Conditions: TCE, Years 1 through 63, source active

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



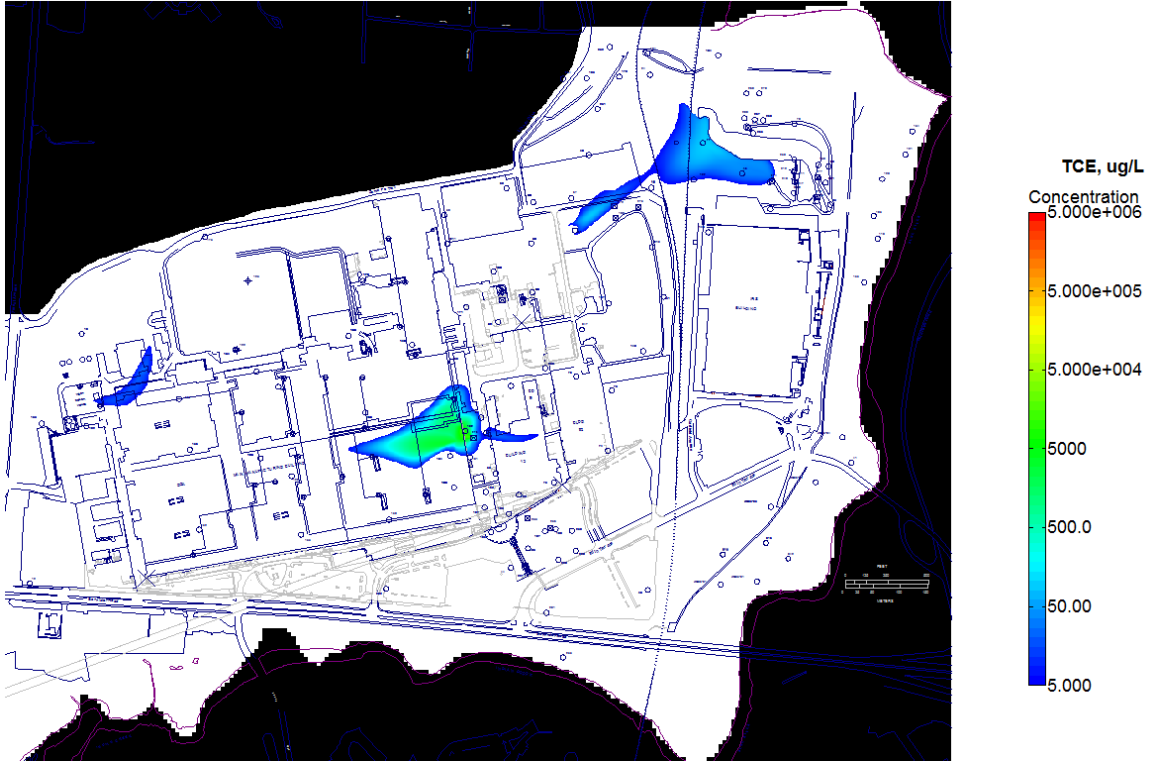


Current Conditions: TCE, Year 64, 1 year after 75% source duration reduction



Current Conditions: TCE, Year 65, 2 years after 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: TCE, Year 66, 3 years after 75% source duration reduction



Current Conditions: TCE, Year 67, 4 years after 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: TCE, Year 68, 5 years after 75% source duration reduction



Current Conditions: TCE, Year 69, 6 years after 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: TCE, Year 70, 7 years after 75% source duration reduction



Current Conditions: TCE, Year 71, 8 years after 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



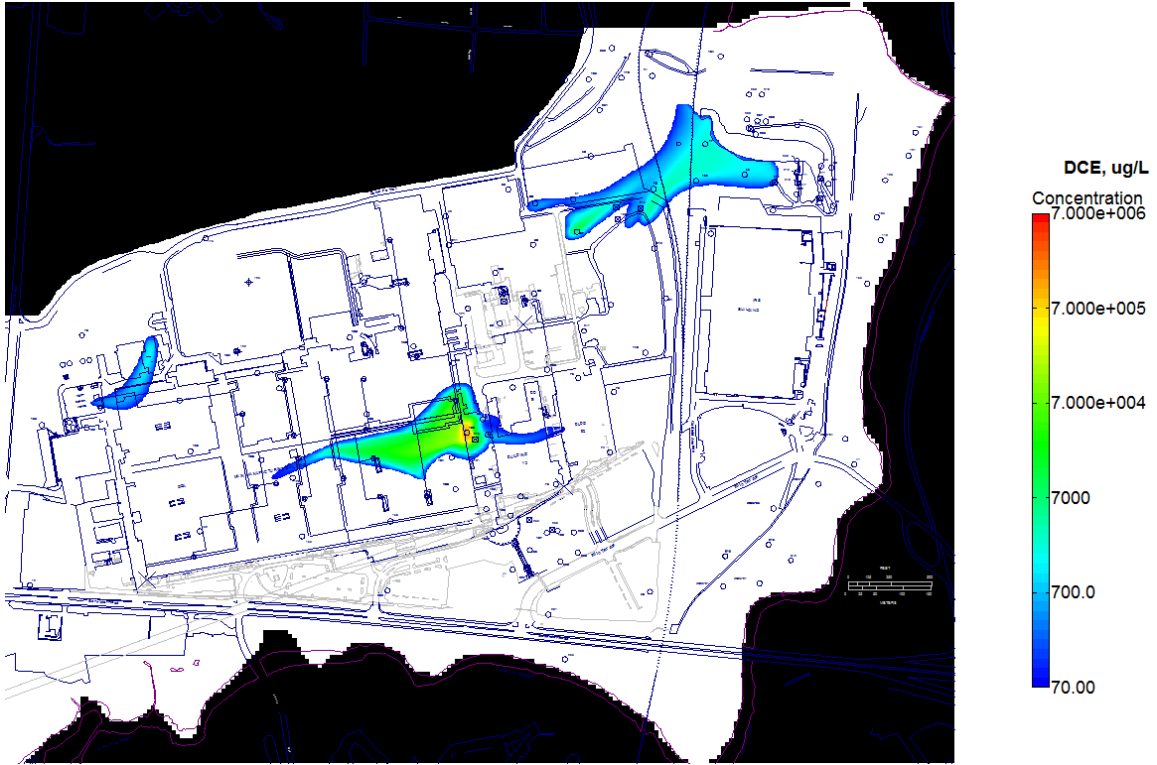
Current Conditions: TCE, Year 72, 9 years after 75% source duration reduction



Current Conditions: TCE, Year 73, 10 years after 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 35: Plumes – DCE, Current Conditions, 0% Source  
Concentration Reduction, 75% Source Duration Reduction**



Current Conditions: Initial DCE Concentrations



Current Conditions: DCE, Years 1 through 63, constant source

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



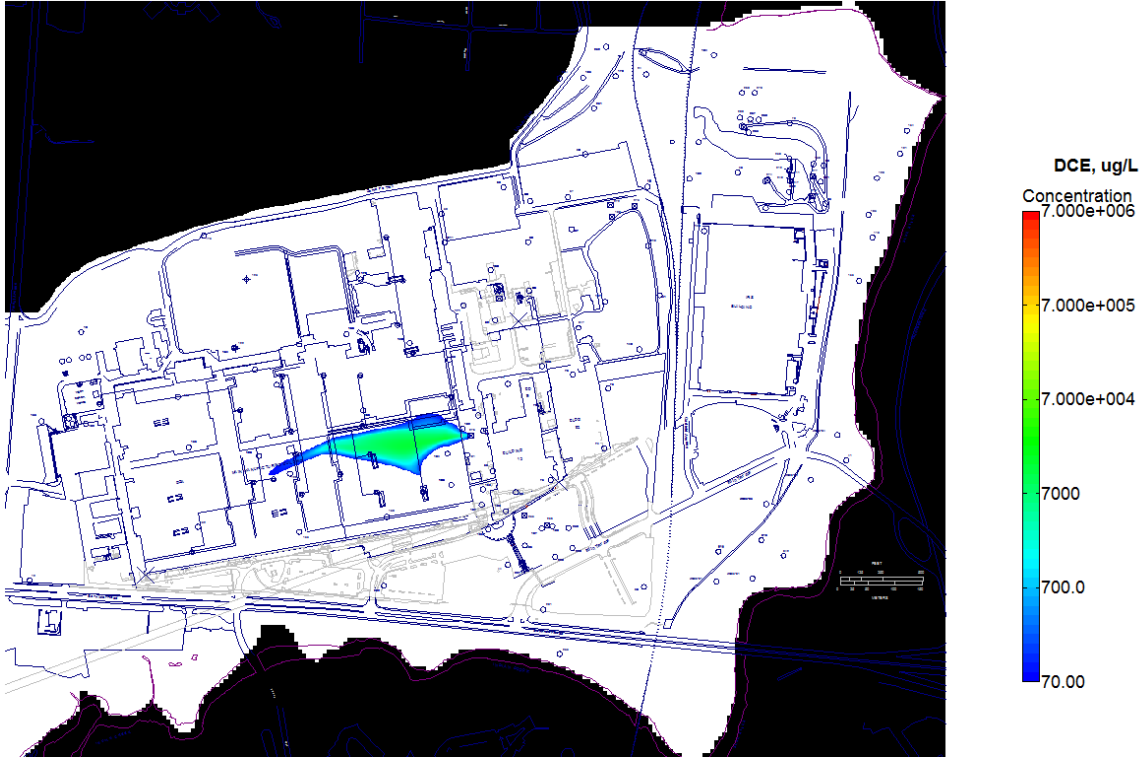


Current Conditions: DCE, Year 68, 5 years after 75% source duration reduction



Current Conditions: DCE, Year 73, 10 years after 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: DCE, Year 83, 20 years after 75% source duration reduction



Current Conditions: DCE, Year 93, 30 years after 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: DCE, Year 103, 40 years after 75% source duration reduction



Current Conditions: DCE, Year 113, 50 years after 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



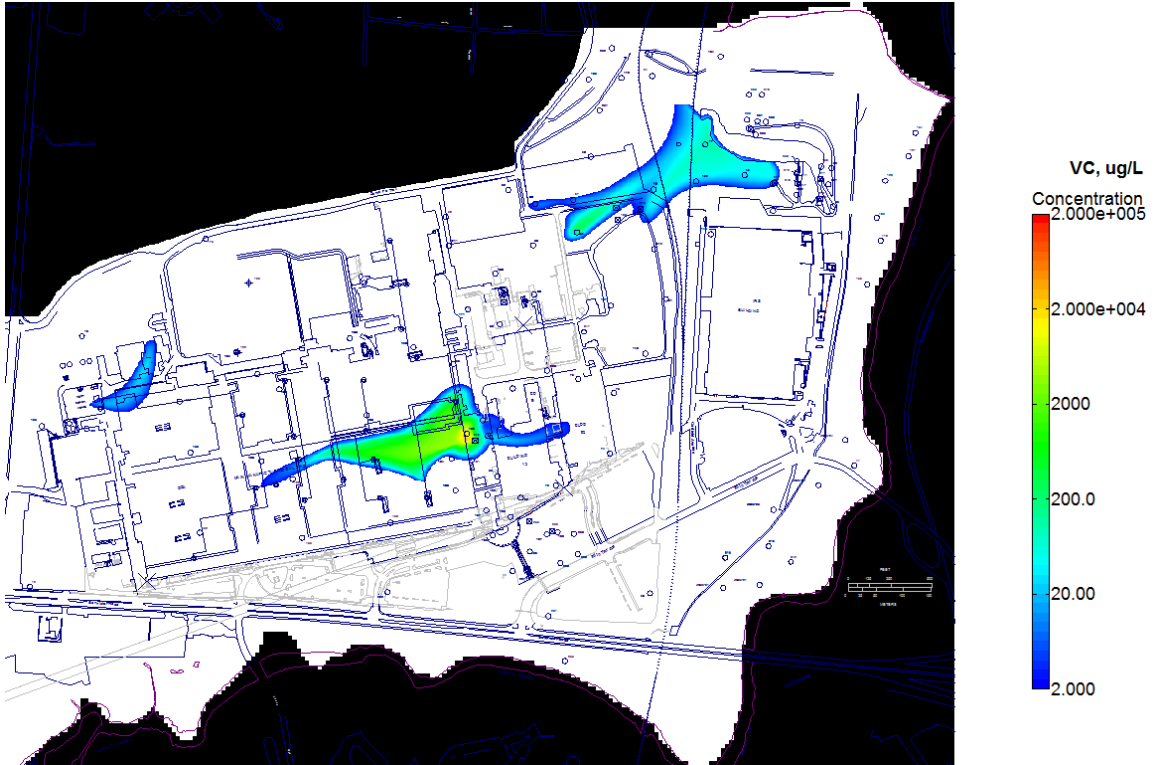
Current Conditions: DCE, Year 123, 60 years after 75% source duration reduction



Current Conditions: DCE, Year 133, 70 years 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 36: Plumes – VC, Current Conditions, 0% Source  
Concentration Reduction, 75% Source Duration Reduction**

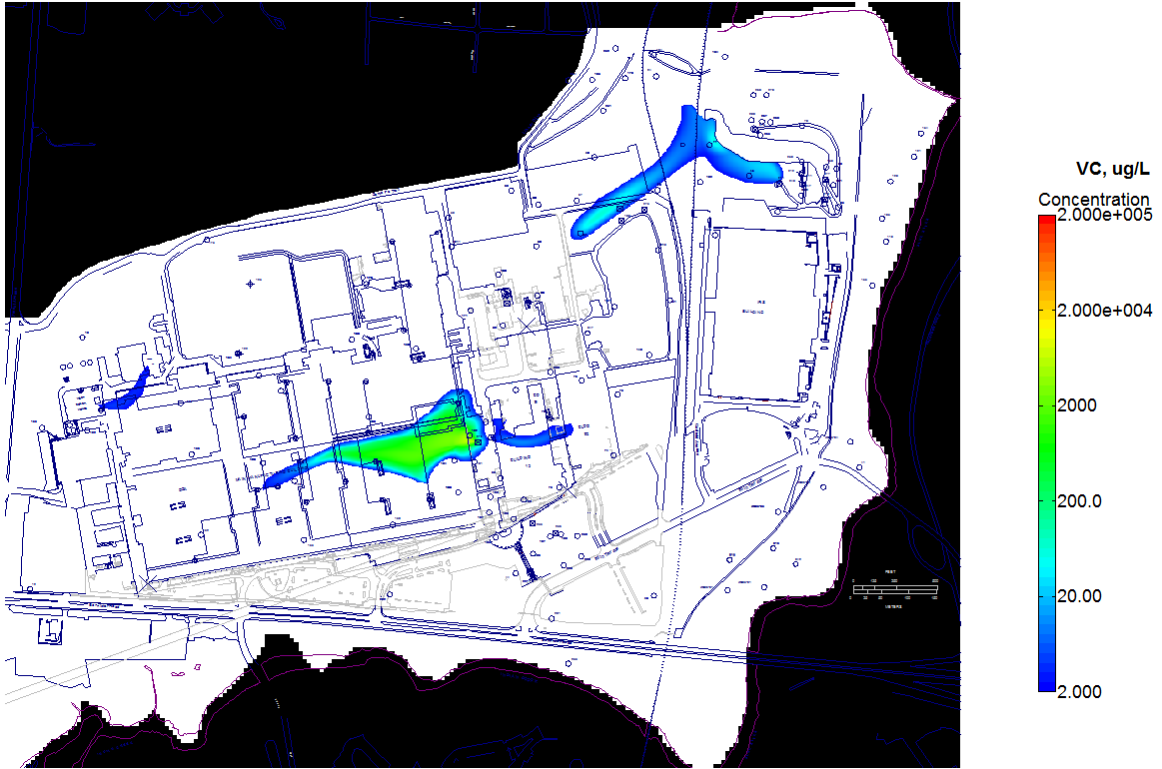


Current Conditions: Initial VC Concentrations



Current Conditions: VC, Years 1 through 63, constant source

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



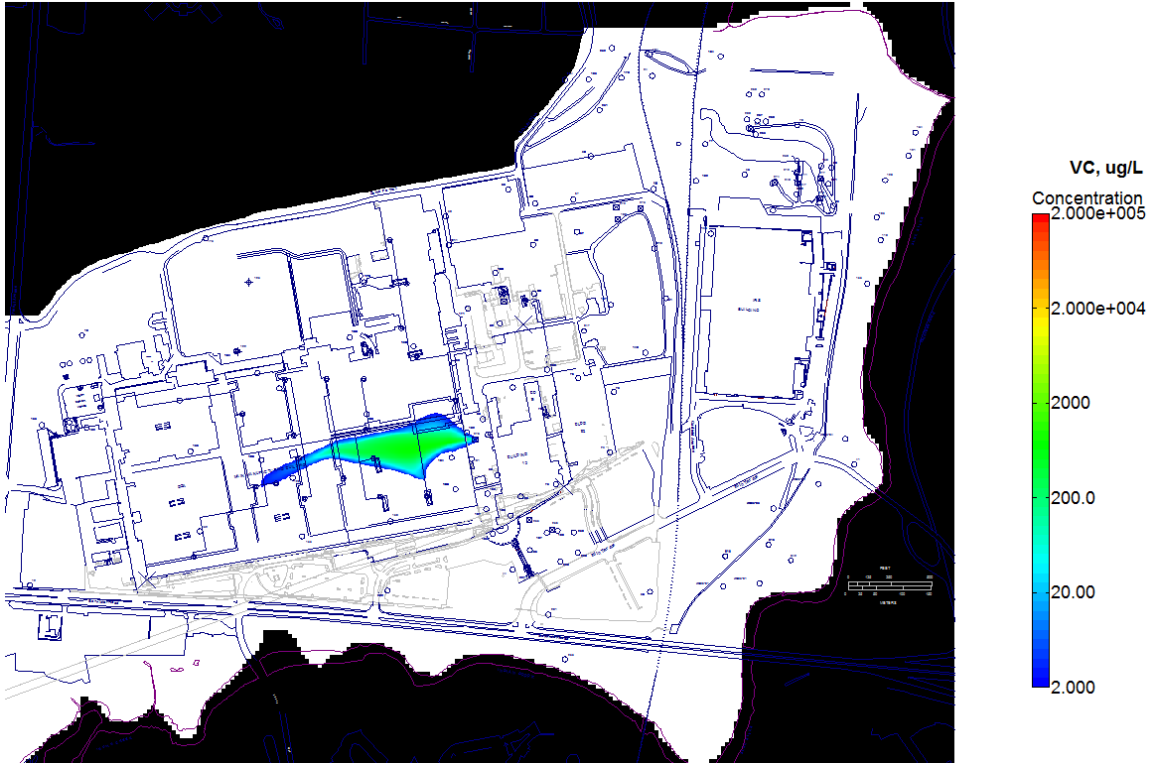
Current Conditions: VC, Year 68, 5 years after 75% source duration reduction



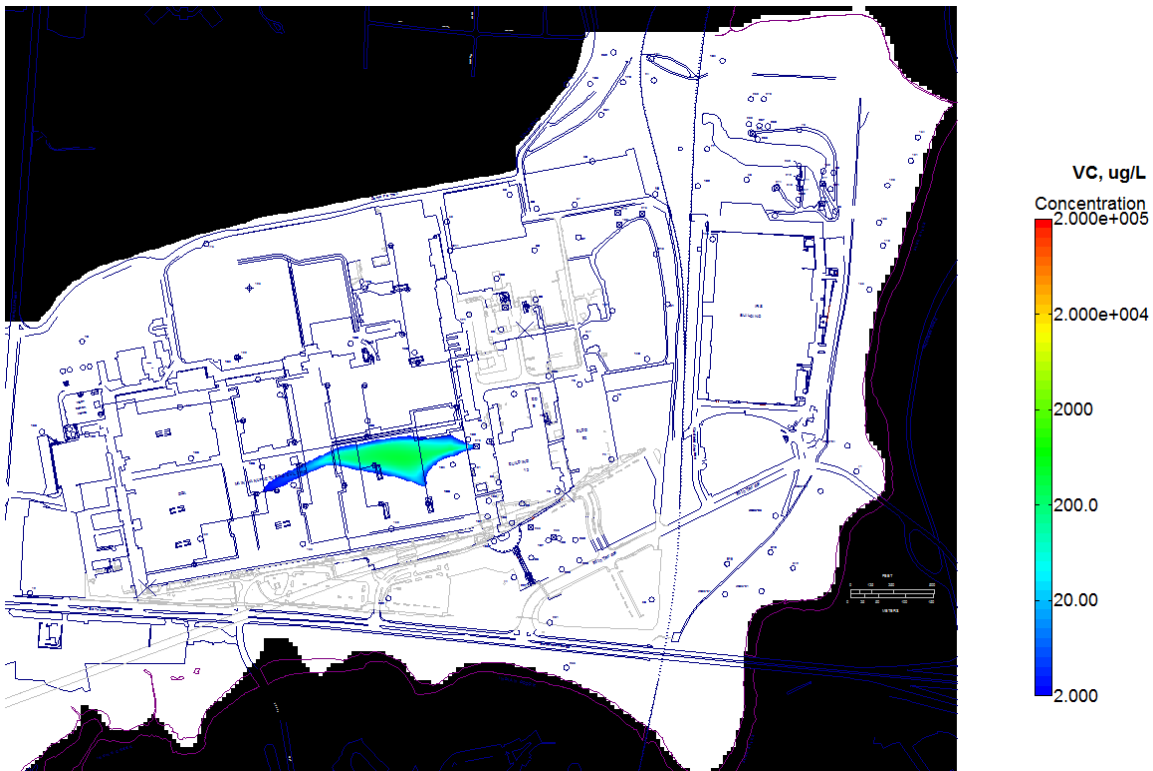
Current Conditions: VC, Year 73, 10 years 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction





Current Conditions: VC, Year 73, 20 years after 75% source duration reduction



Current Conditions: VC, Year 83, 30 years after 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: VC, Year 93, 40 years after 75% source duration reduction



Current Conditions: VC, Year 103, 50 years after 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



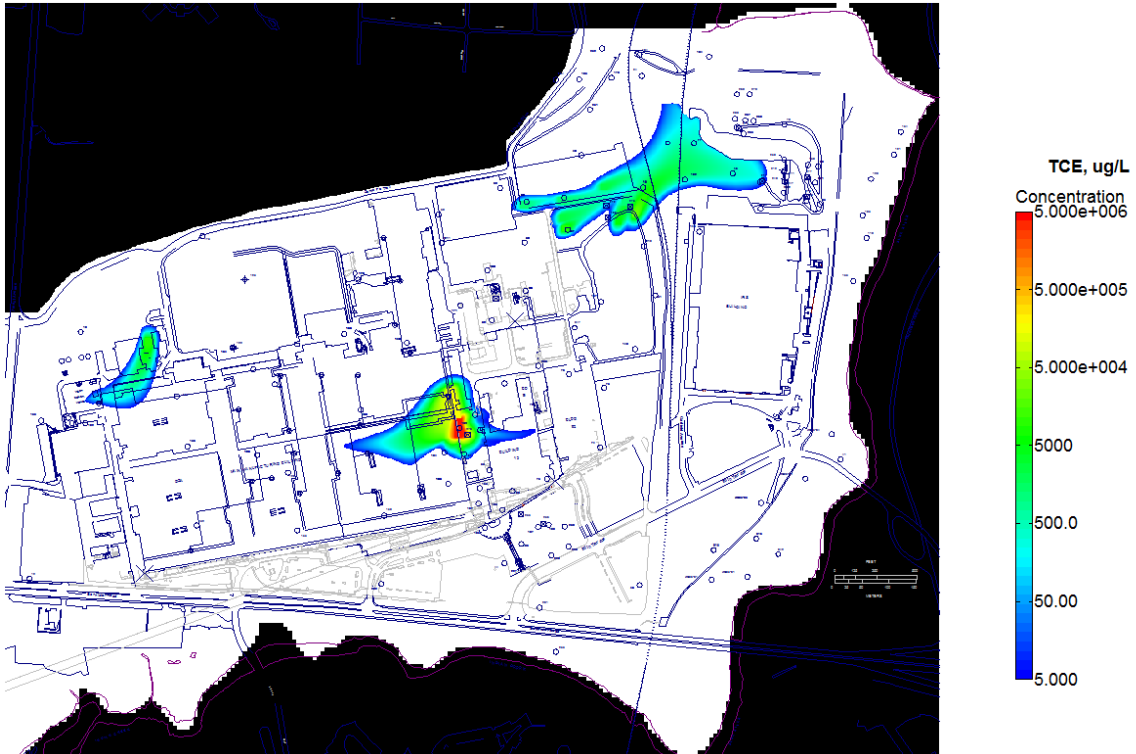
Current Conditions: VC, Year 113, 60 years after 75% source duration reduction



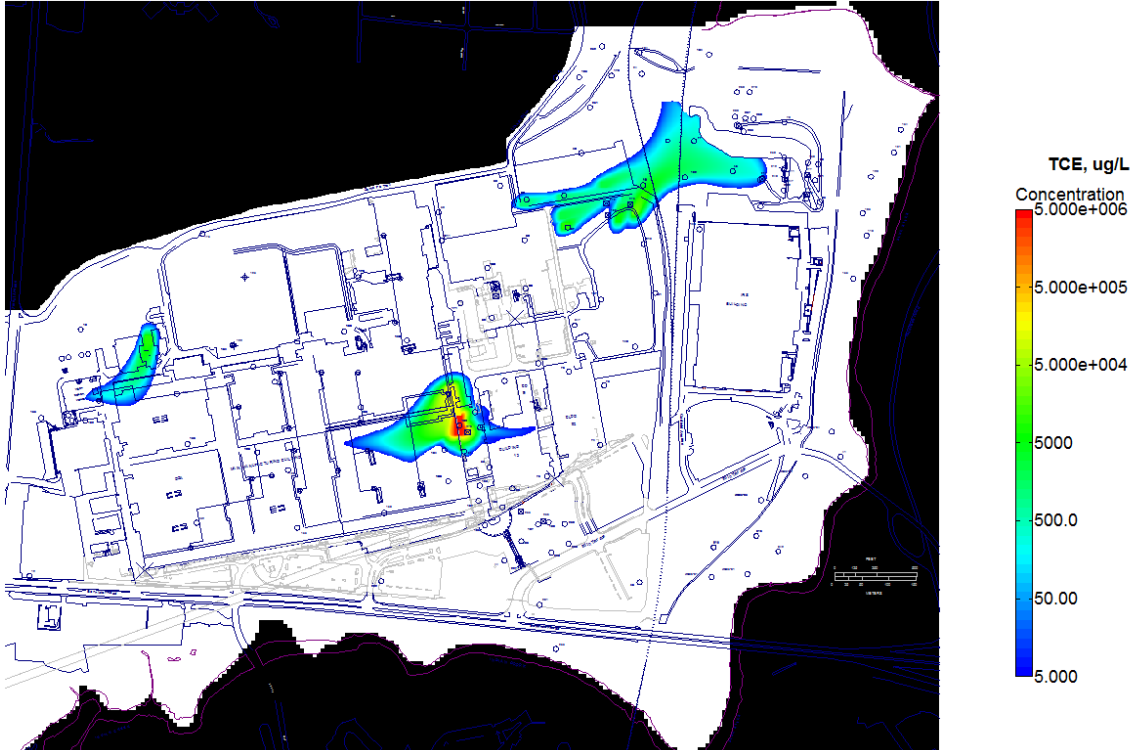
Current Conditions: VC, Year 123, 70 years after 75% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 37: Plumes – TCE, Current Conditions, 0% Source  
Concentration Reduction, 95% Source Duration Reduction**

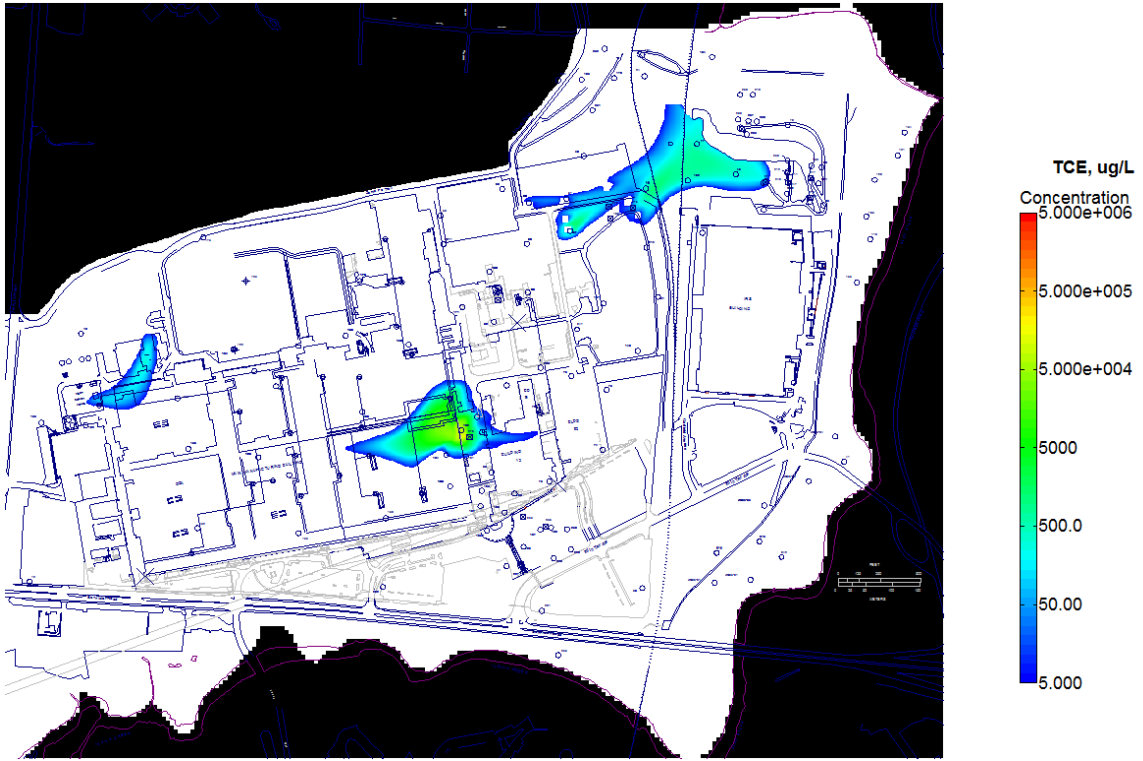


Current Conditions: Initial TCE Concentrations



Current Conditions: TCE, Years 1 through 13, source active

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: TCE, Year 14, 1 year after 95% source duration reduction



Current Conditions: TCE, Year 15, 2 years after 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: TCE, Year 16, 3 years after 95% source duration reduction



Current Conditions: TCE, Year 17, 4 years after 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction





Current Conditions: TCE, Year 18, 5 years after 95% source duration reduction



Current Conditions: TCE, Year 19, 6 years after 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: TCE, Year 20, 7 years after 95% source duration reduction



Current Conditions: TCE, Year 21, 8 years after 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: TCE, Year 22, 9 years after 95% source duration reduction



Current Conditions: TCE, Year 23, 10 years after 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

**Appendix 38: Plumes – DCE, Current Conditions, 0% Source  
Concentration Reduction, 95% Source Duration Reduction**



Current Conditions: Initial DCE Concentrations



Current Conditions: DCE, Years 1 through 13, constant source

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

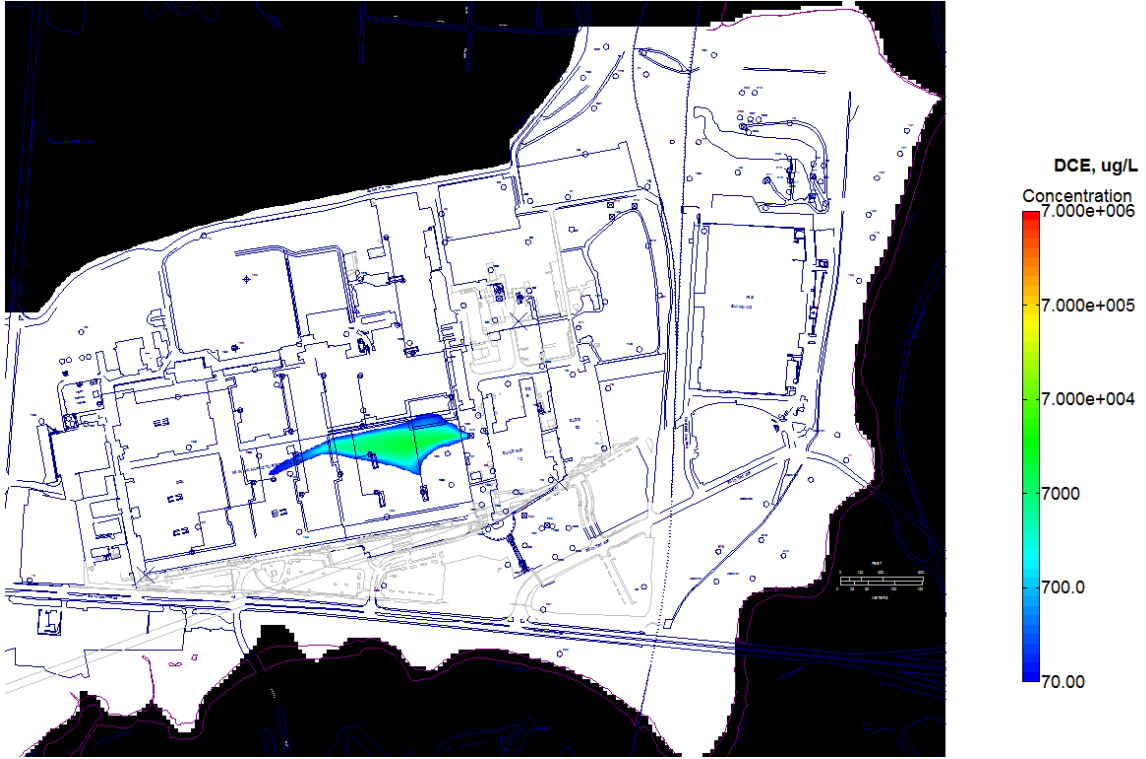


Current Conditions: DCE, Year 18, 5 years after 95% source duration reduction



Current Conditions: DCE, Year 23, 10 years after 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: DCE, Year 33, 20 years after 95% source duration reduction



Current Conditions: DCE, Year 43, 30 years after 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction





Current Conditions: DCE, Year 53, 40 years after 95% source duration reduction



Current Conditions: DCE, Year 63, 50 years after 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



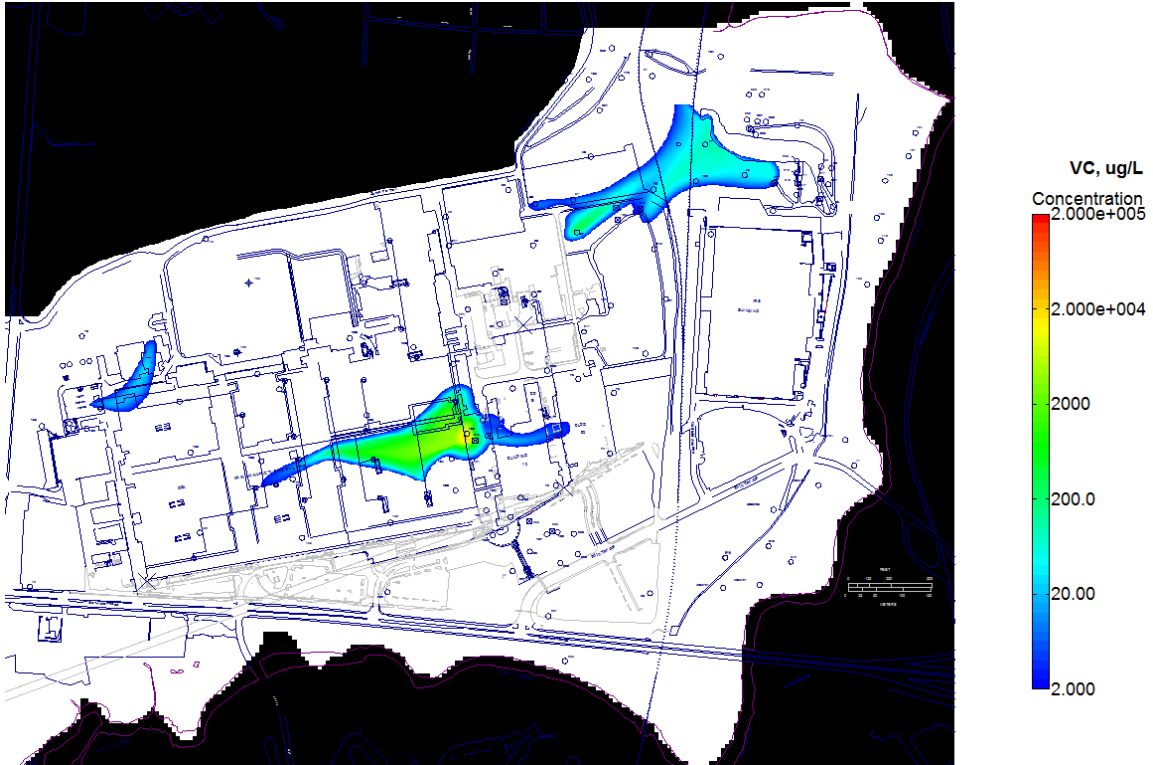
Current Conditions: DCE, Year 73, 60 years after 95% source duration reduction



Current Conditions: DCE, Year 83, 70 years 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

**Appendix 39: Plumes – VC, Current Conditions, 0% Source  
Concentration Reduction, 95% Source Duration Reduction**

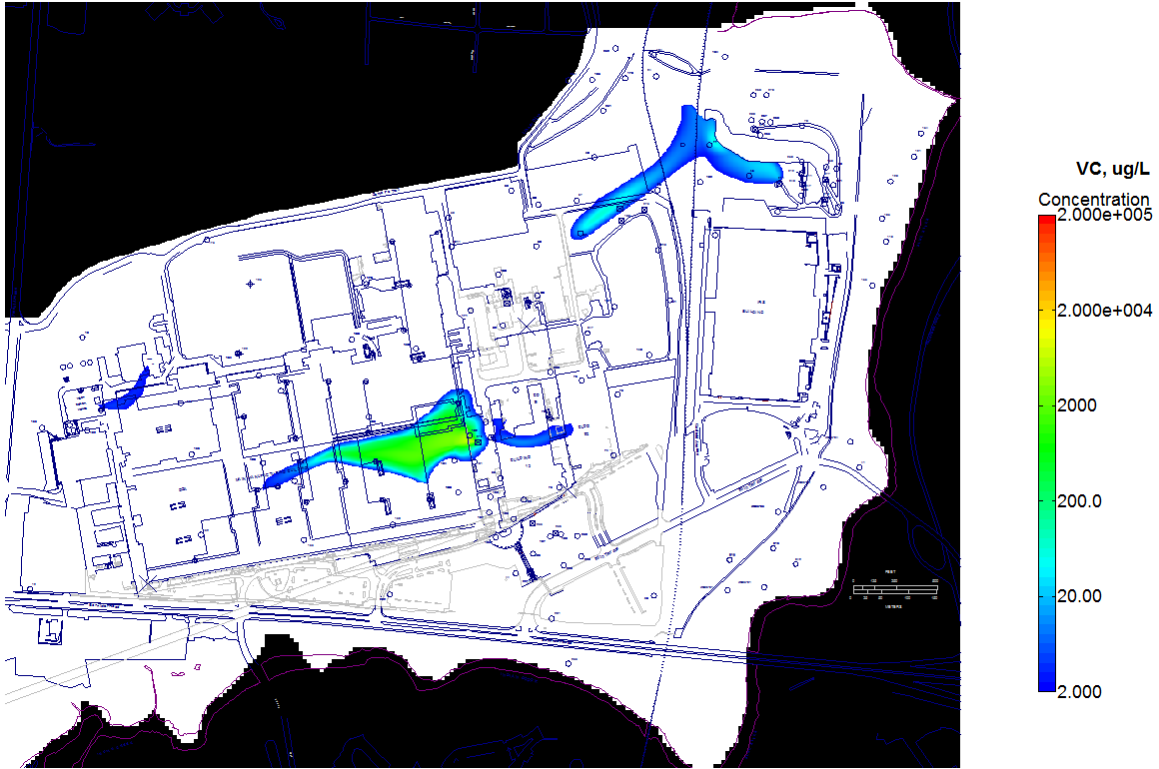


Current Conditions: Initial VC Concentrations



Current Conditions: VC, Years 1 through 13, constant source

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

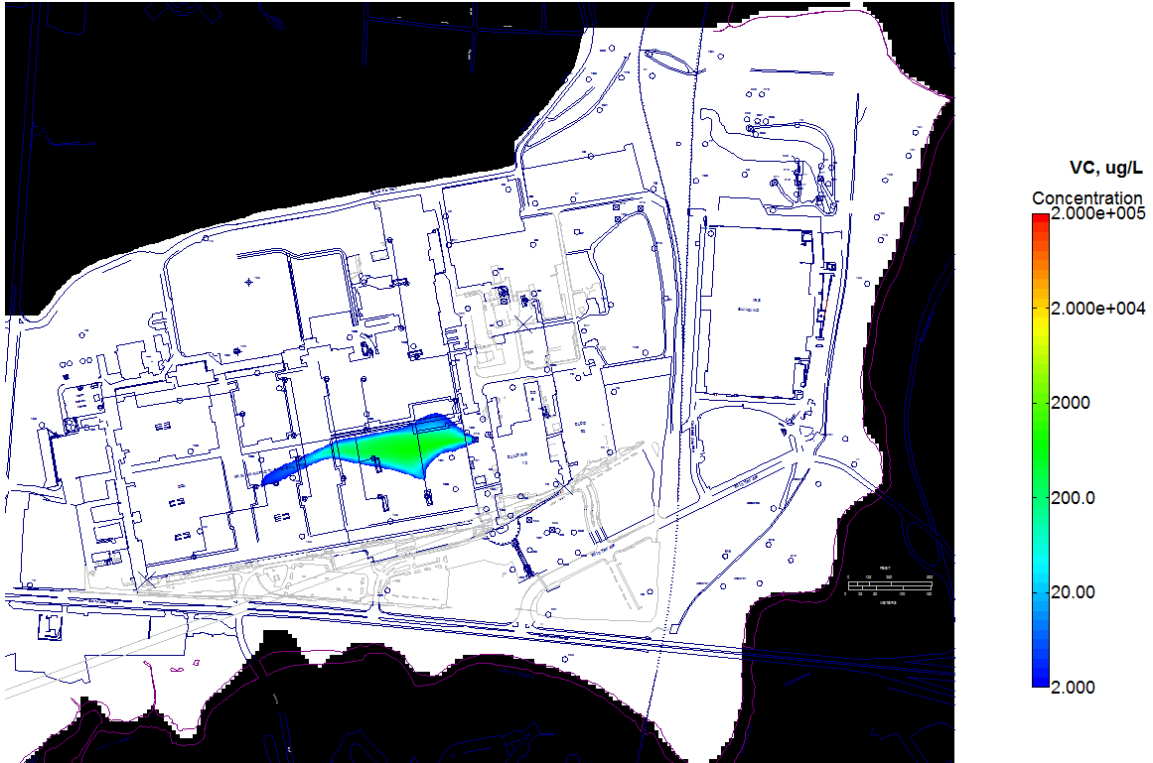


Current Conditions: VC, Year 18, 5 years after 95% source duration reduction



Current Conditions: VC, Year 23, 10 years 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: VC, Year 33, 20 years after 95% source duration reduction



Current Conditions: VC, Year 43, 30 years after 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: VC, Year 53, 40 years after 95% source duration reduction



Current Conditions: VC, Year 63, 50 years after 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction





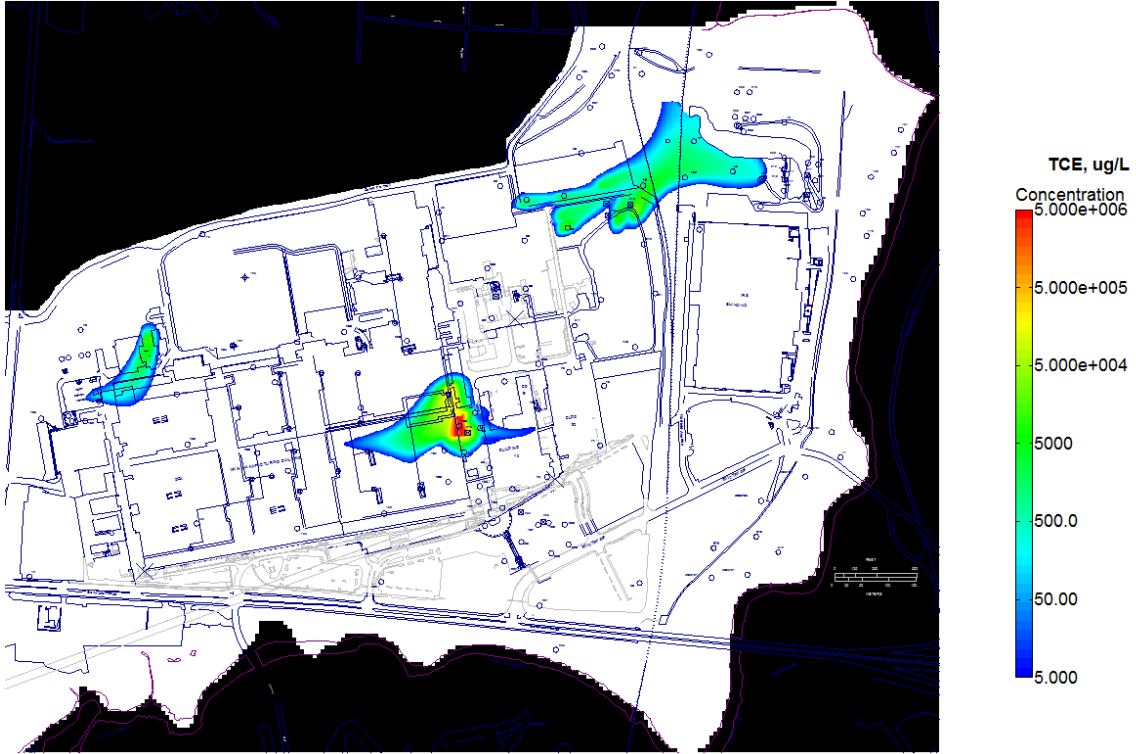
Current Conditions: VC, Year 73, 60 years after 95% source duration reduction



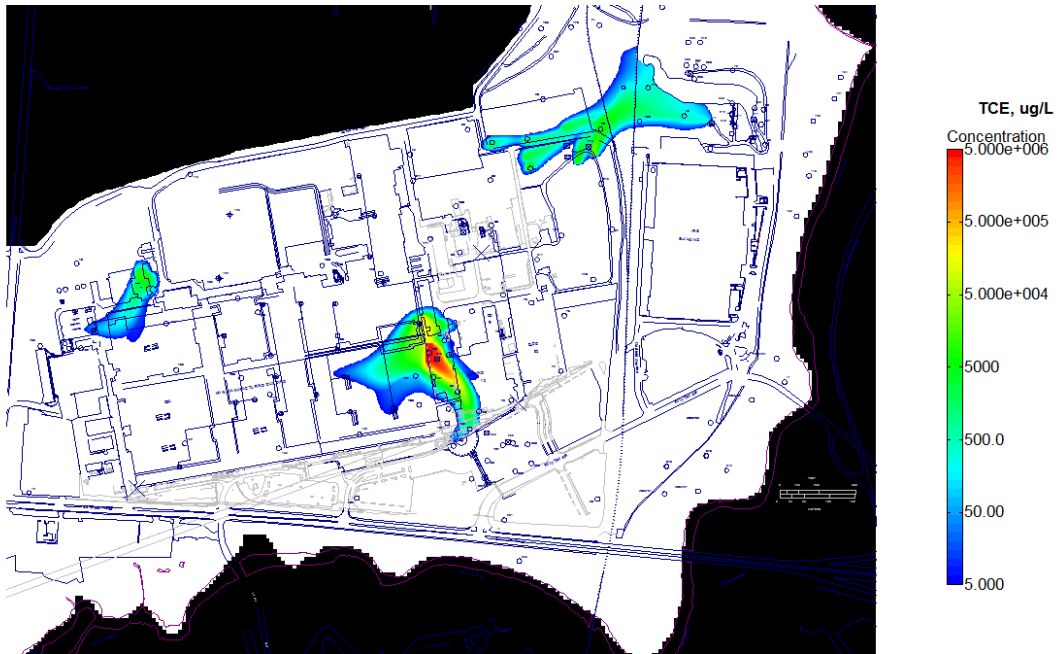
Current Conditions: VC, Year 83, 70 years after 95% source duration reduction

Current Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

**Appendix 40: Plumes – TCE, Future Conditions, 0% Source  
Concentration Reduction, 50% Source Duration Reduction**

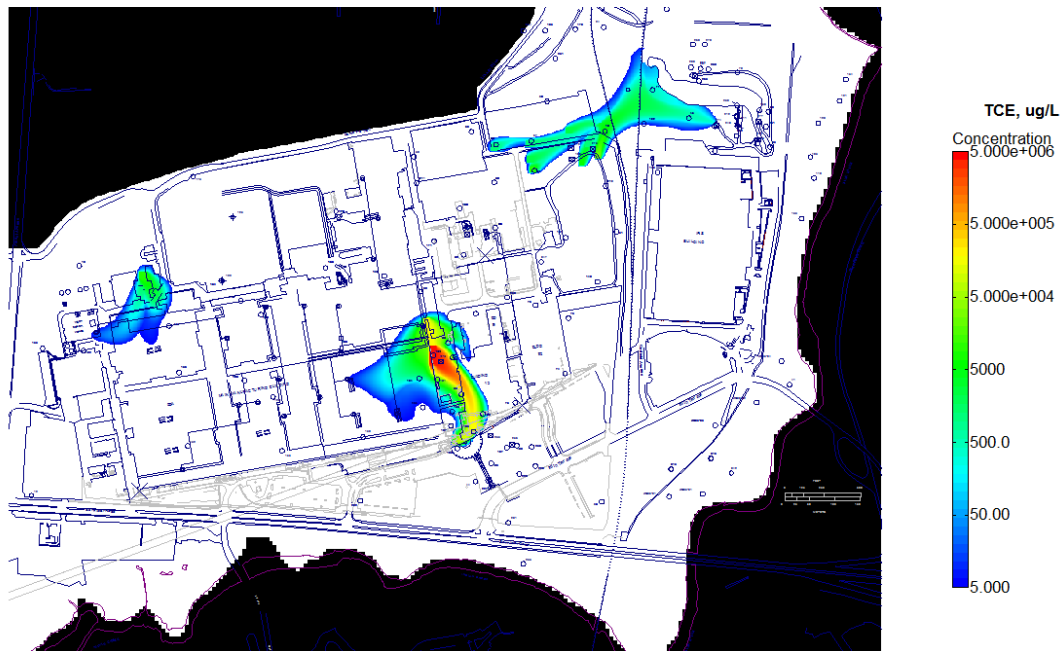


Future Conditions: Initial TCE Concentrations

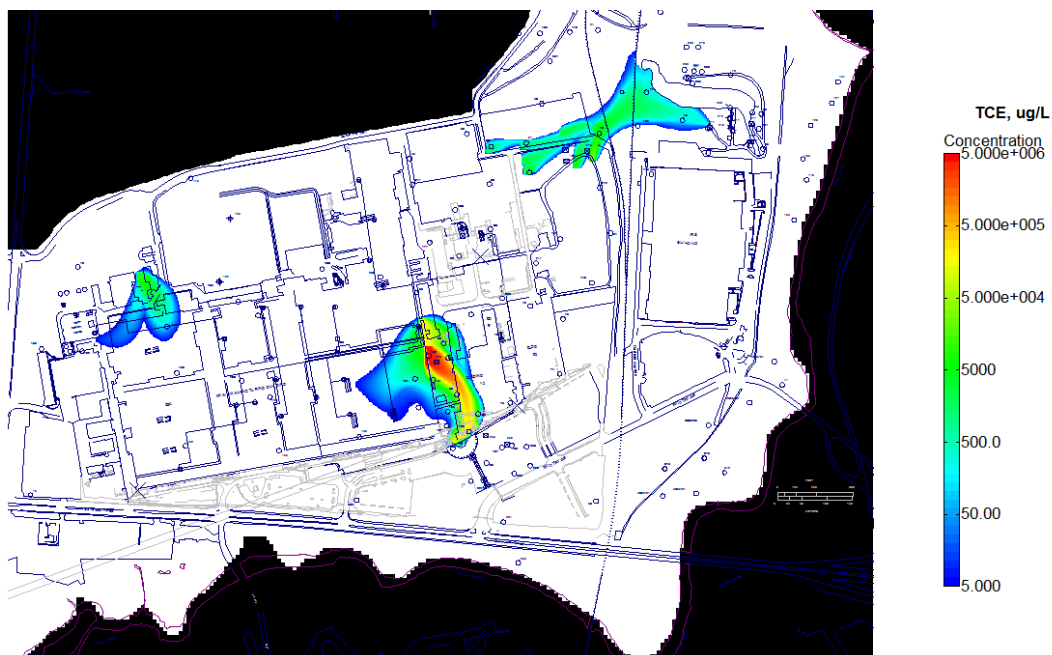


Future Conditions: TCE, Years 1, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

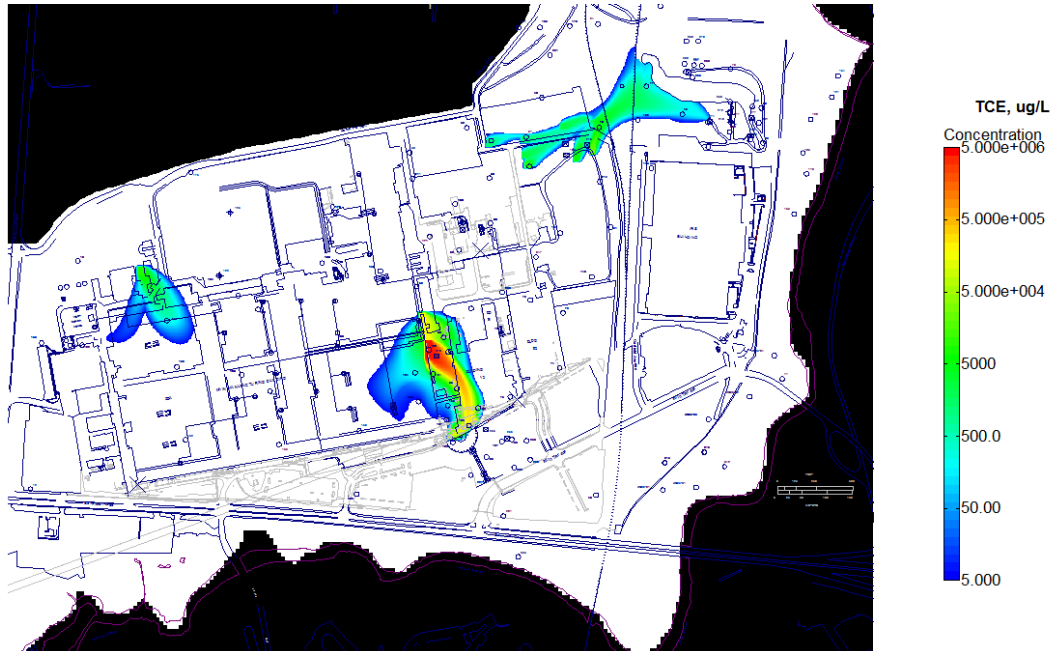


Future Conditions: TCE, Year 2, source active

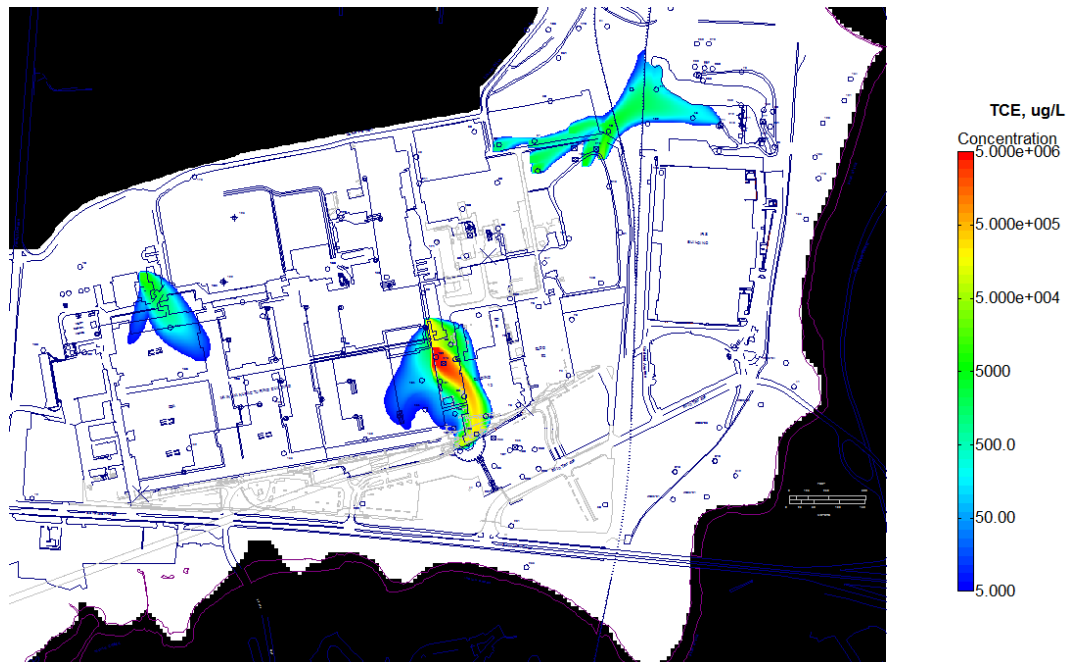


Future Conditions: TCE, Year 3, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

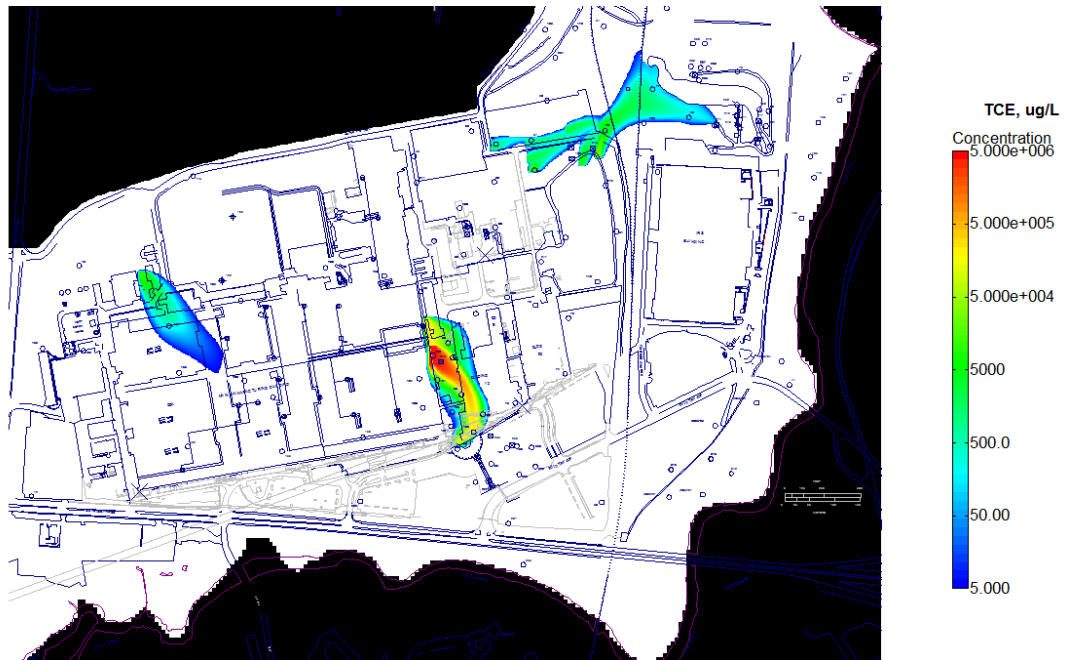


Future Conditions: TCE, Year 4, source active

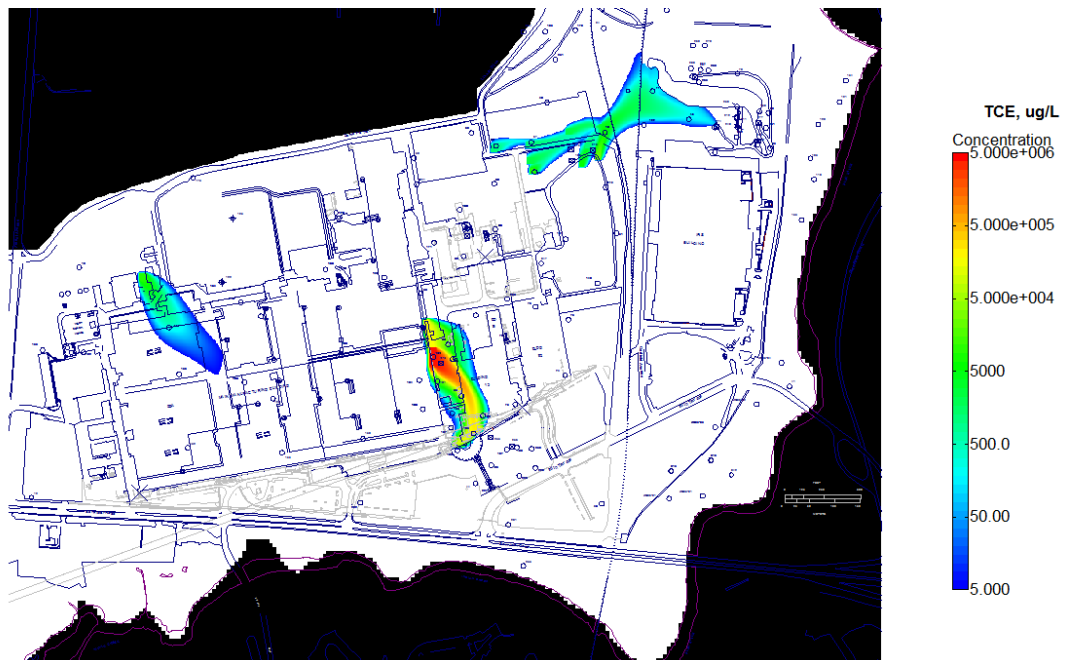


Future Conditions: TCE, Year 5, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

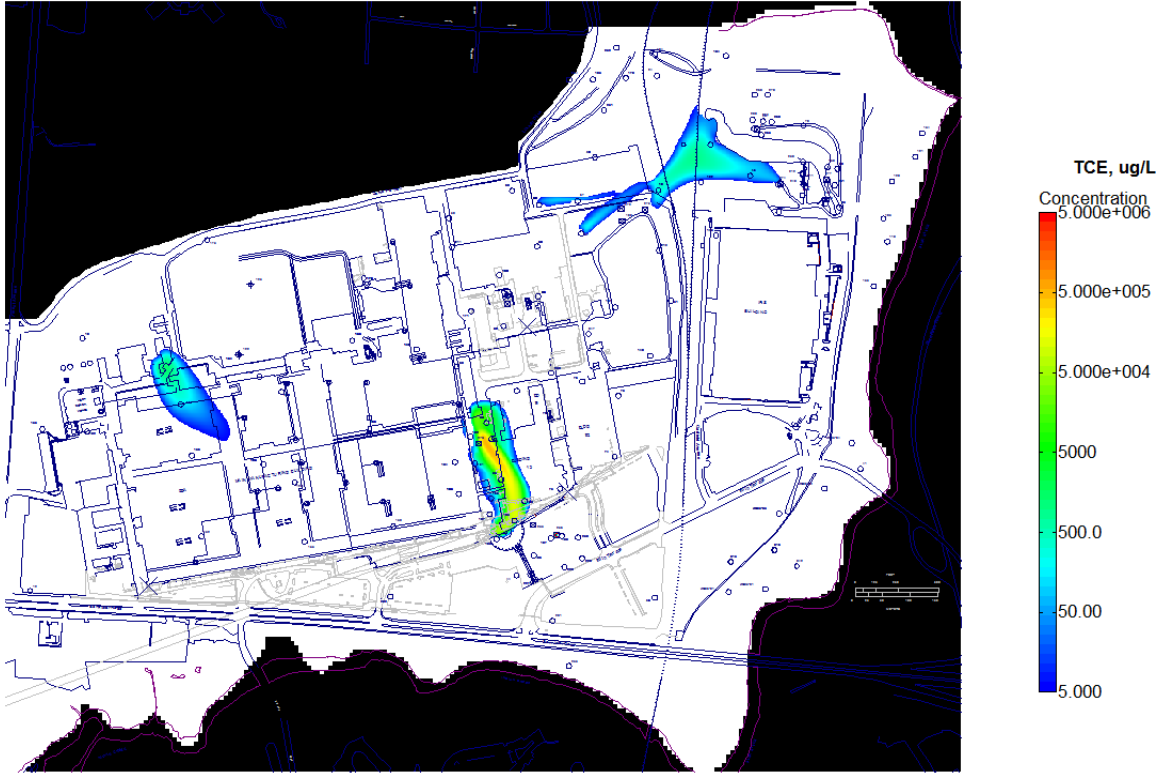


Future Conditions: TCE, Year 10, source active



Future Conditions: TCE, Years 21 through 125, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



Future Conditions: TCE, Year 126, 1 year after complete source dilution



Future Conditions: TCE, Year 127, 2 years after complete source dilution  
Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction





Future Conditions: TCE, Year 128, 3 years after complete source dilution



Future Conditions: TCE, Year 129, 4 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



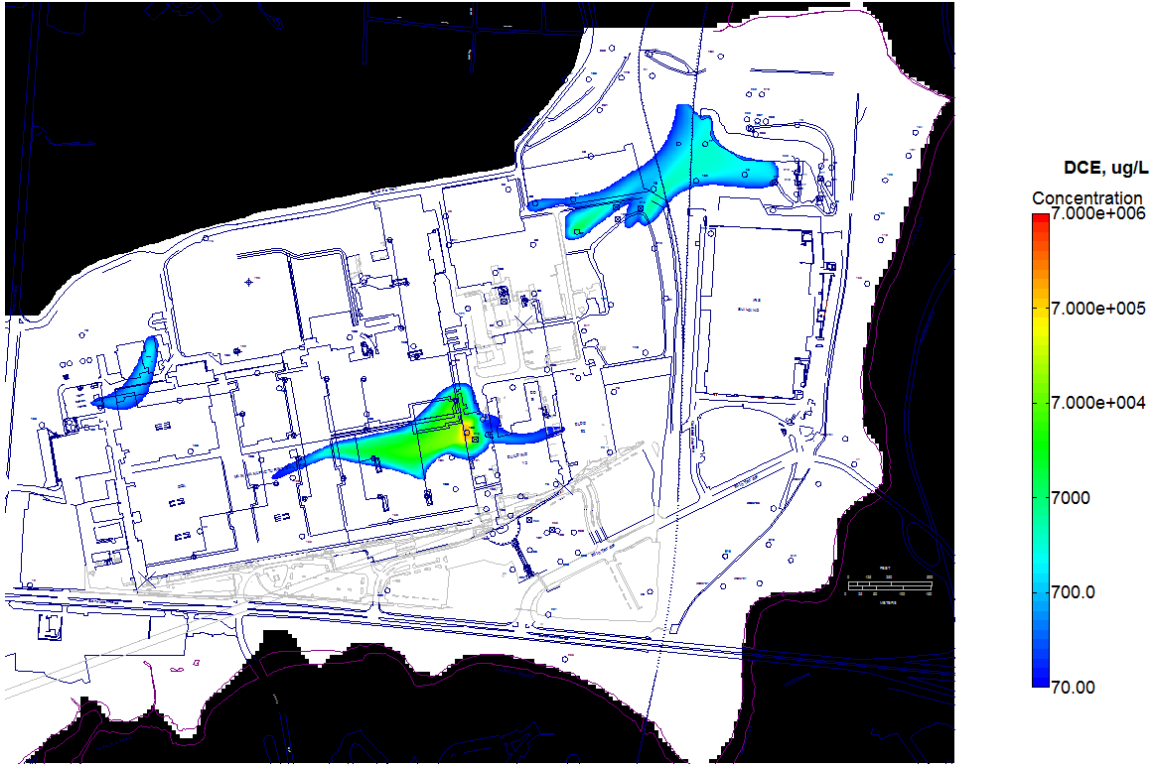
Future Conditions: TCE, Year 130, 5 years after complete source dilution



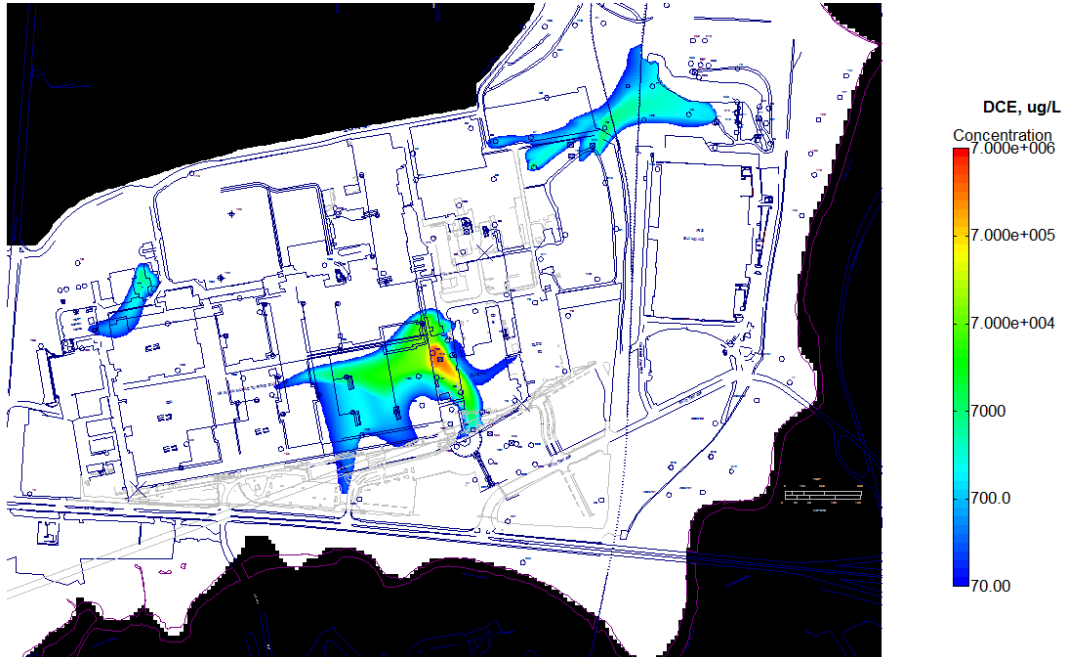
Future Conditions: TCE, Year 135, 10 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

**Appendix 41: Plumes – DCE, Future Conditions, 0% Source  
Concentration Reduction, 50% Source Duration Reduction**

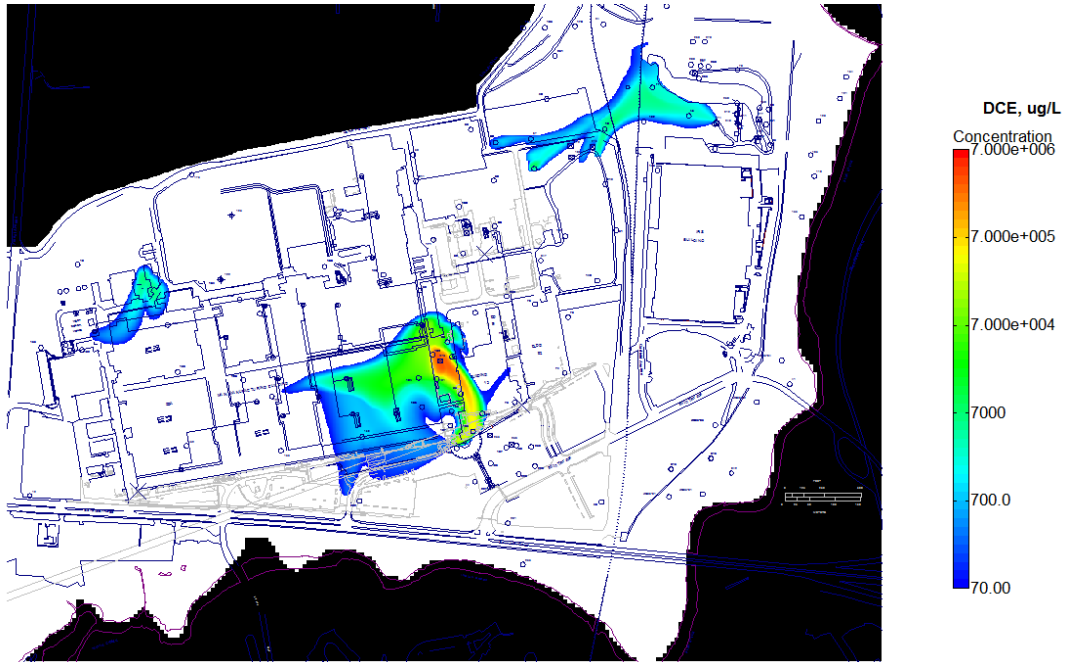


Future Conditions: Initial DCE Concentrations

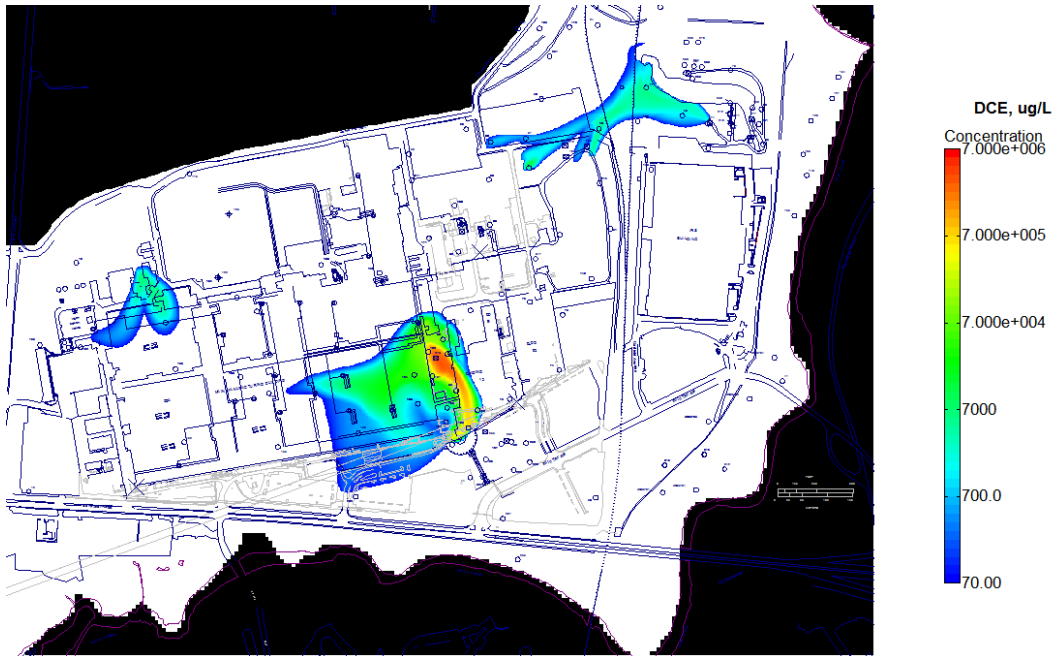


Future Conditions: DCE, Year 1, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

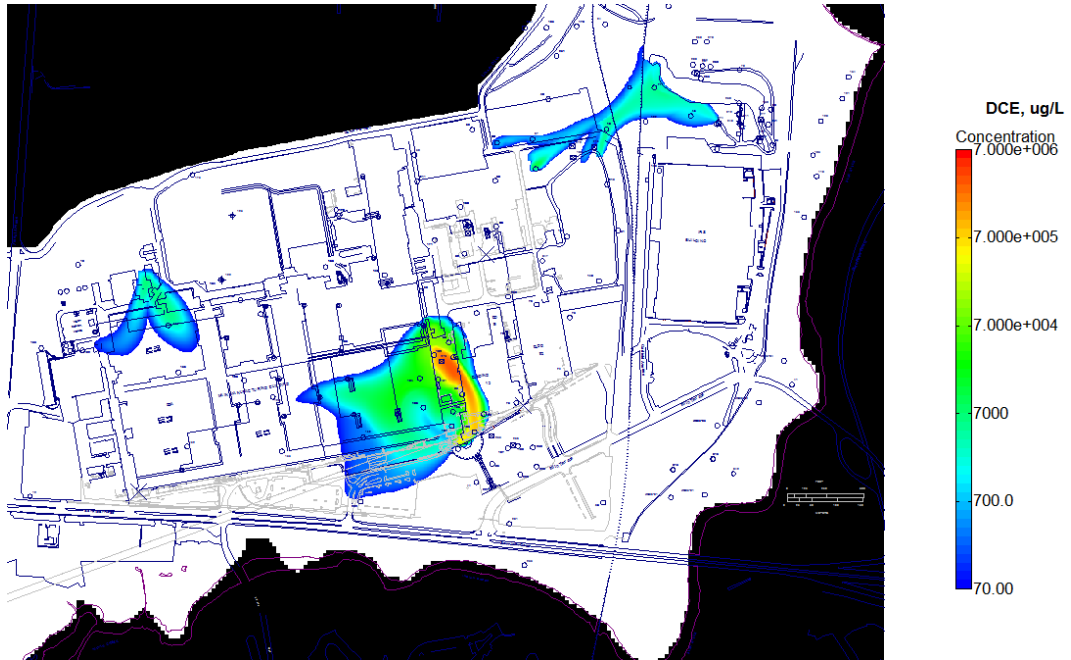


Future Conditions: DCE, Year 2, source active

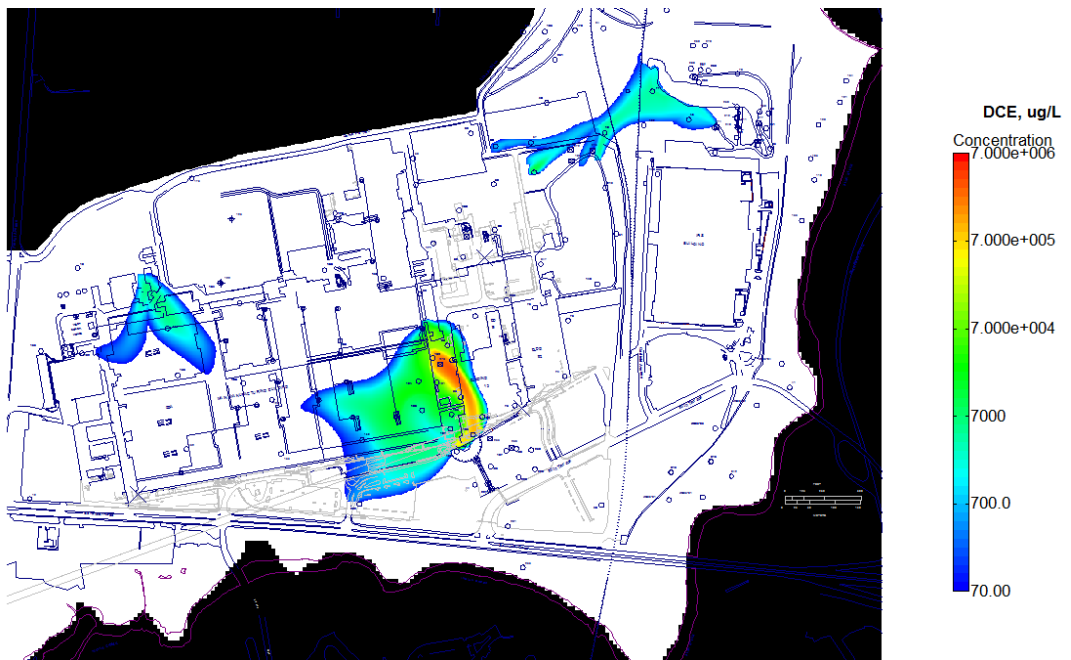


Future Conditions: DCE, Year 3, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

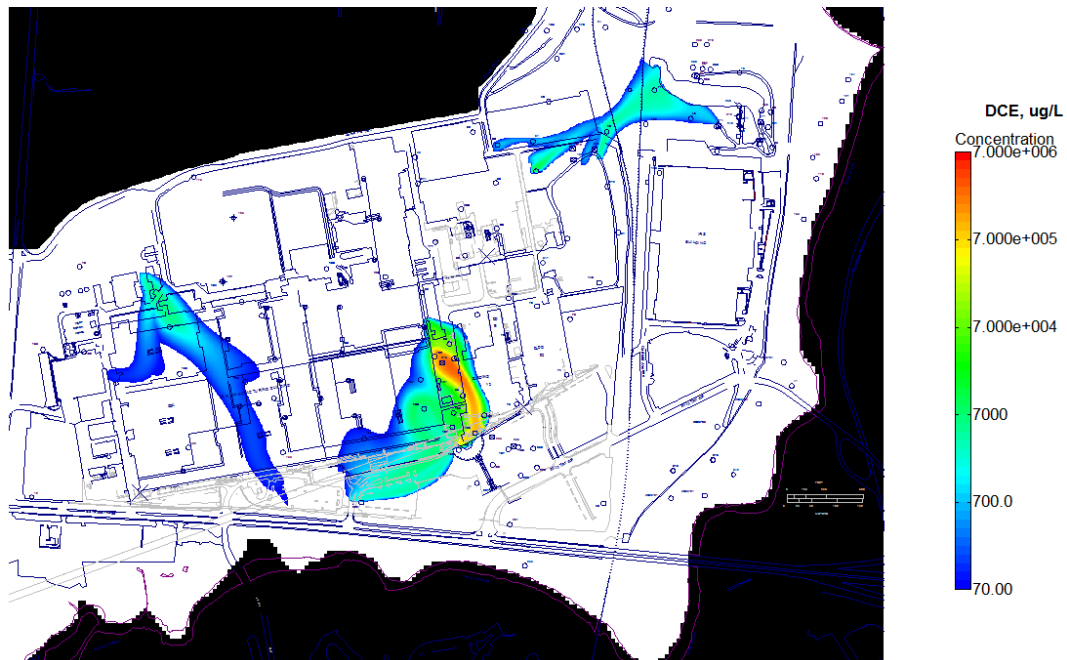


Future Conditions: DCE, Year 4, source active

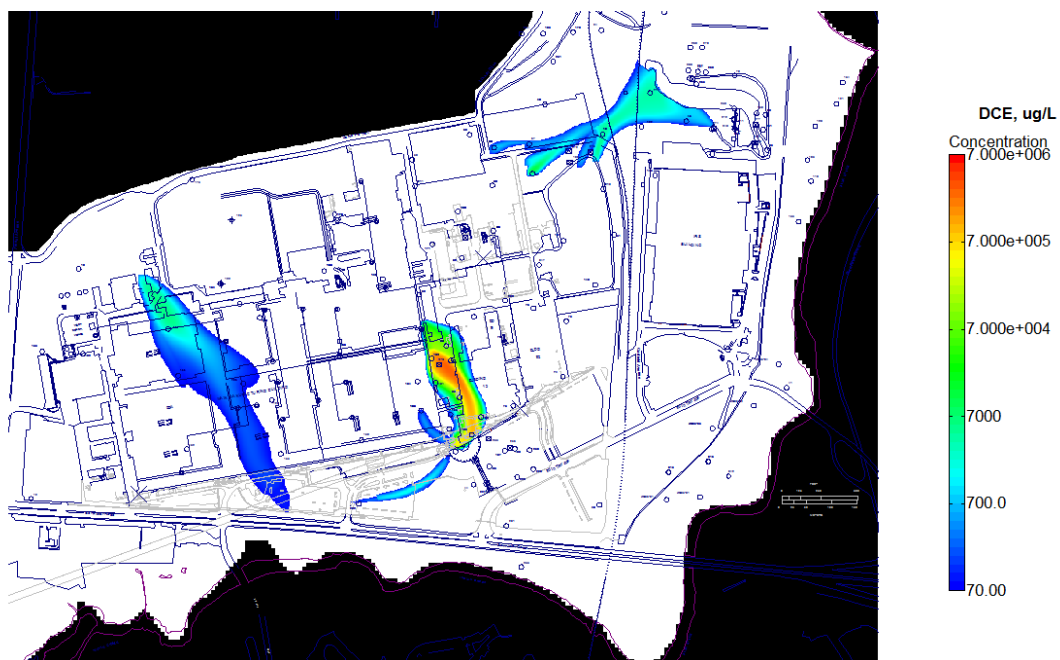


Future Conditions: DCE, Year 5, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



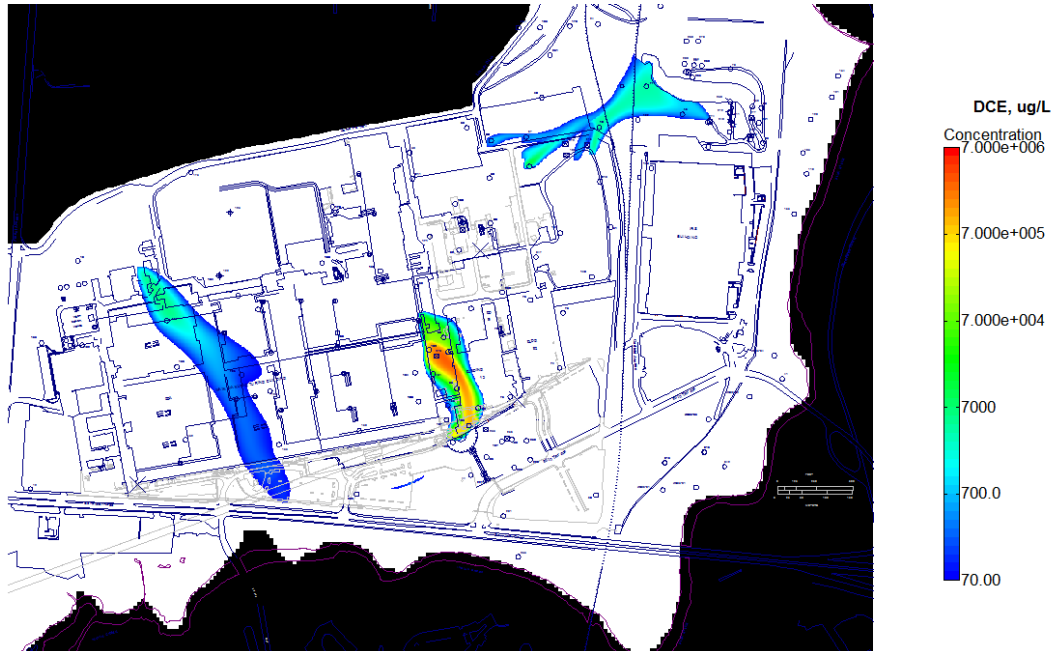
Future Conditions: DCE, Year 10, source active



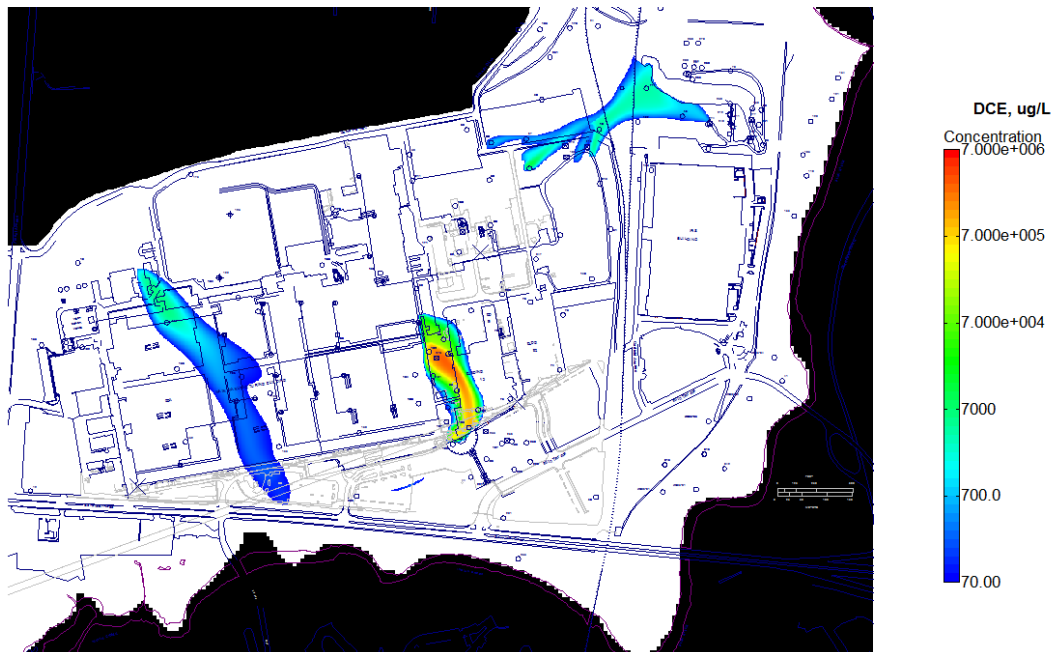
Future Conditions: DCE, Year 20, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



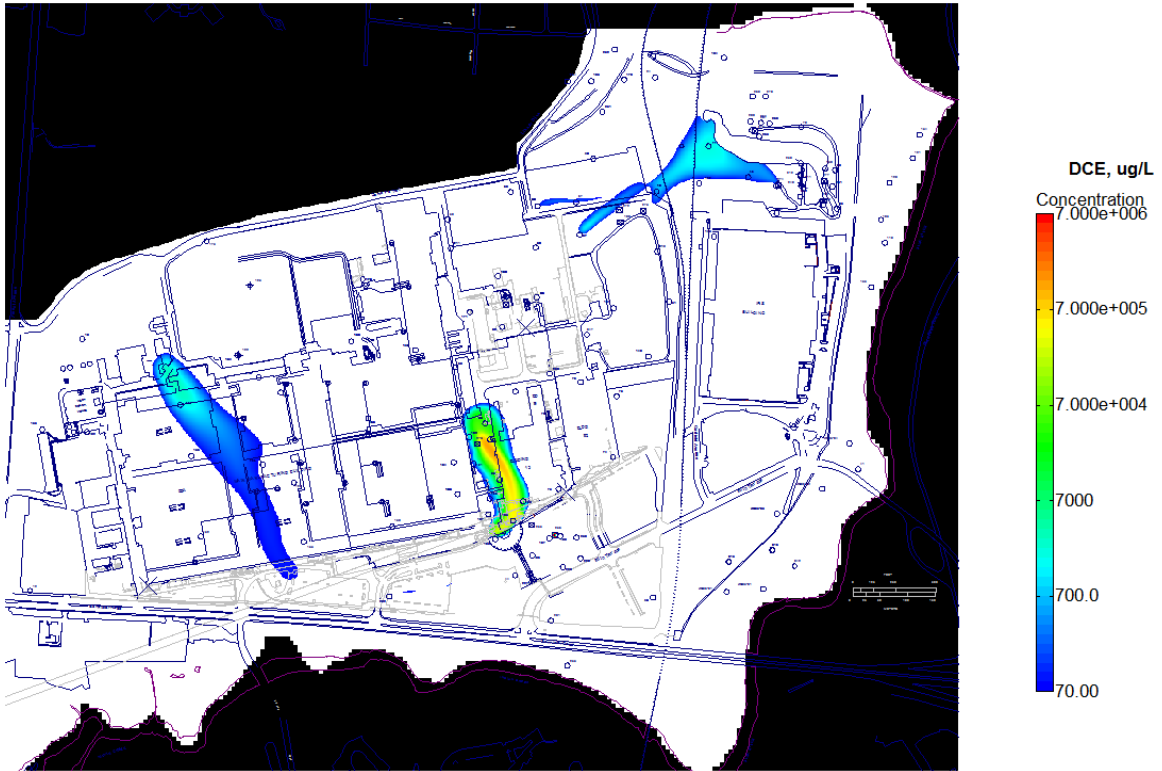


Future Conditions: DCE, Year 30, source active

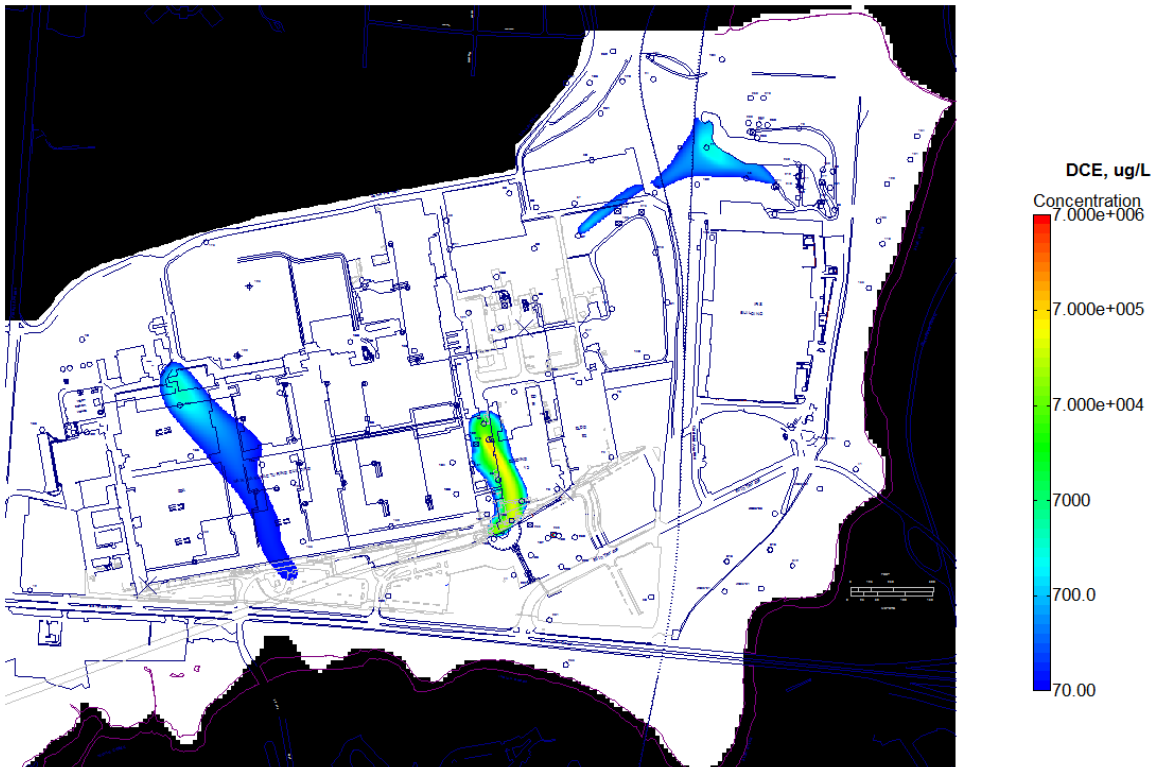


Future Conditions: DCE, Year 31 to 125, source active

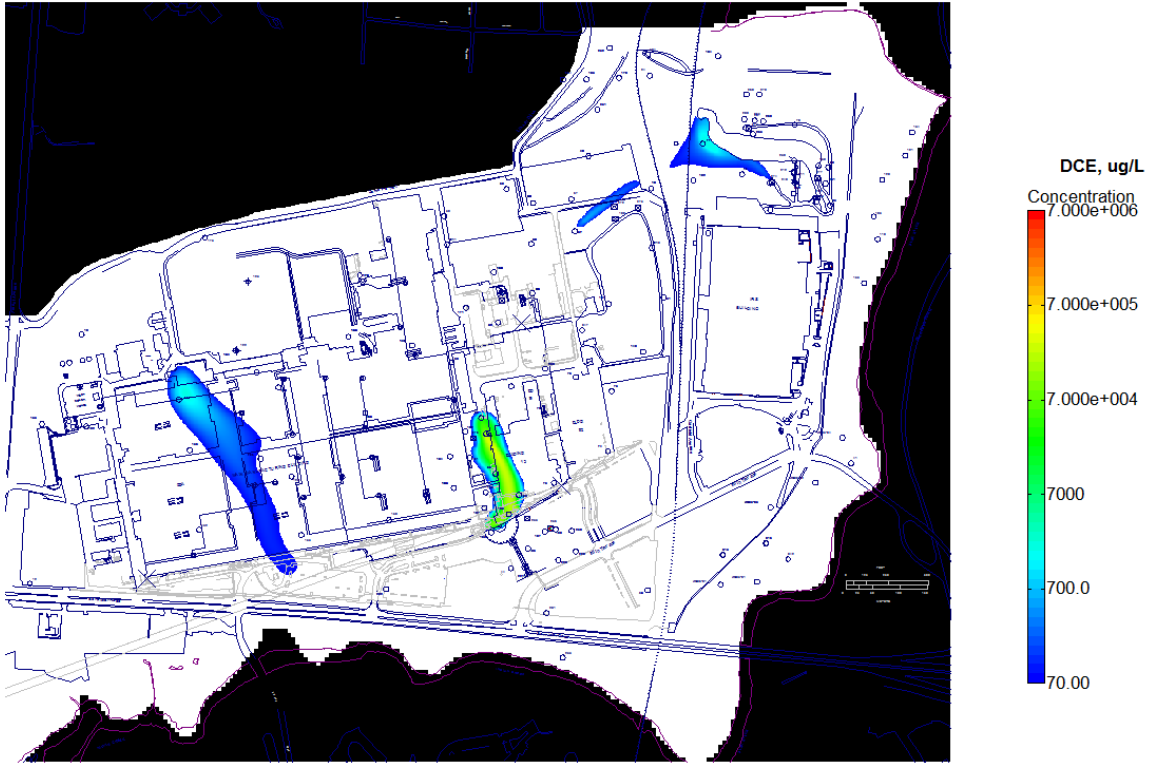
Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



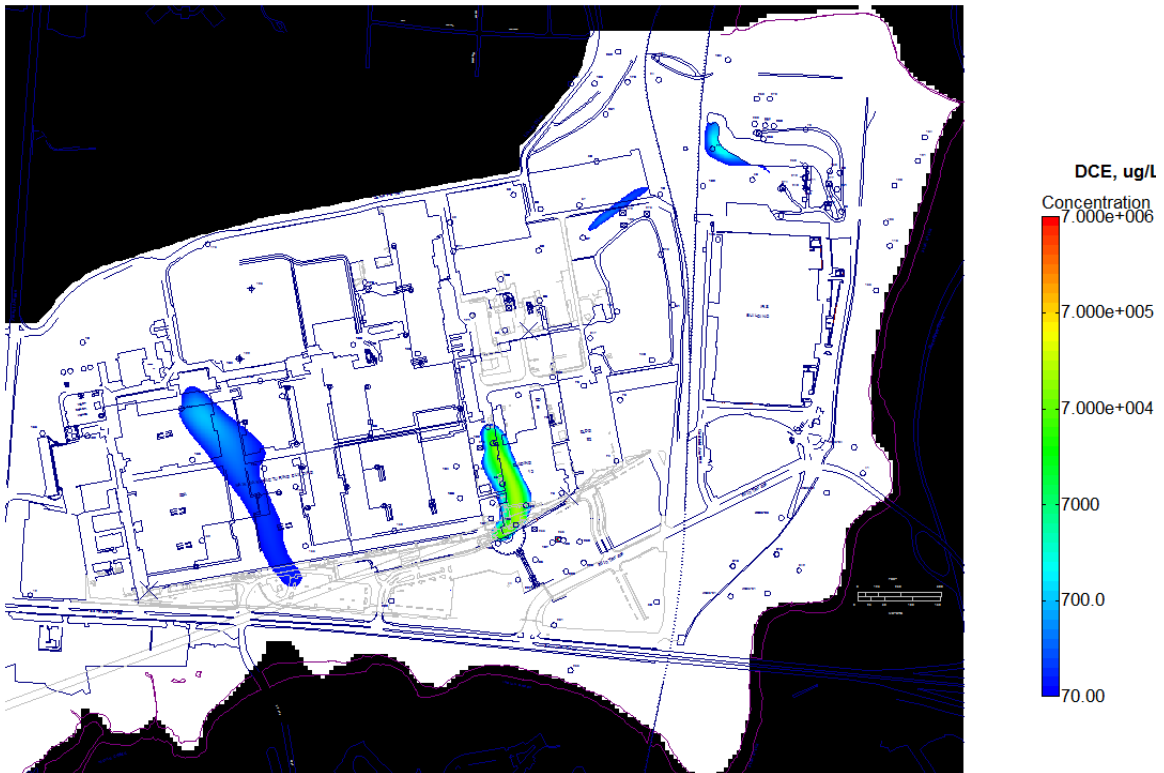
Future Conditions: DCE, Year 126, 1 year after complete source dilution



Future Conditions: DCE, Year 127, 2 years after complete source dilution  
 Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



Future Conditions: DCE, Year 128, 3 years after complete source dilution



Future Conditions: DCE, Year 129, 4 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



Future Conditions: DCE, Year 130, 5 years after complete source dilution



Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

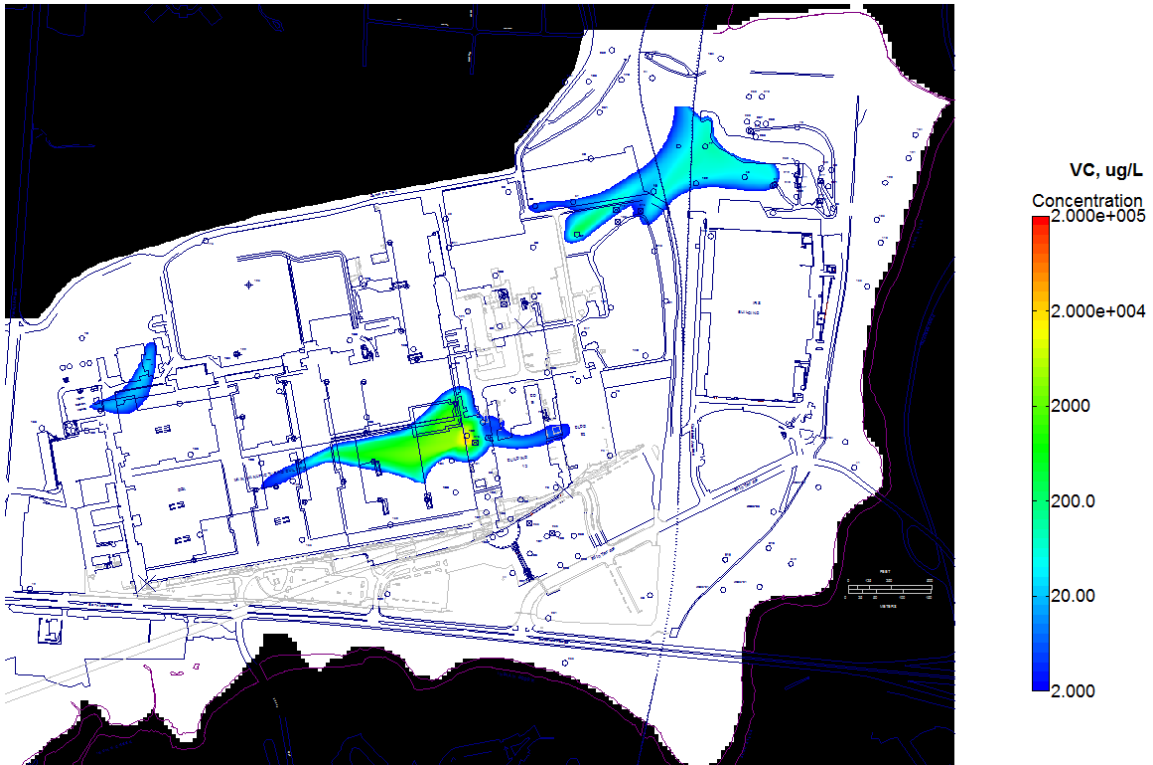
Future Conditions: DCE, Year 135, 10 years after complete source dilution



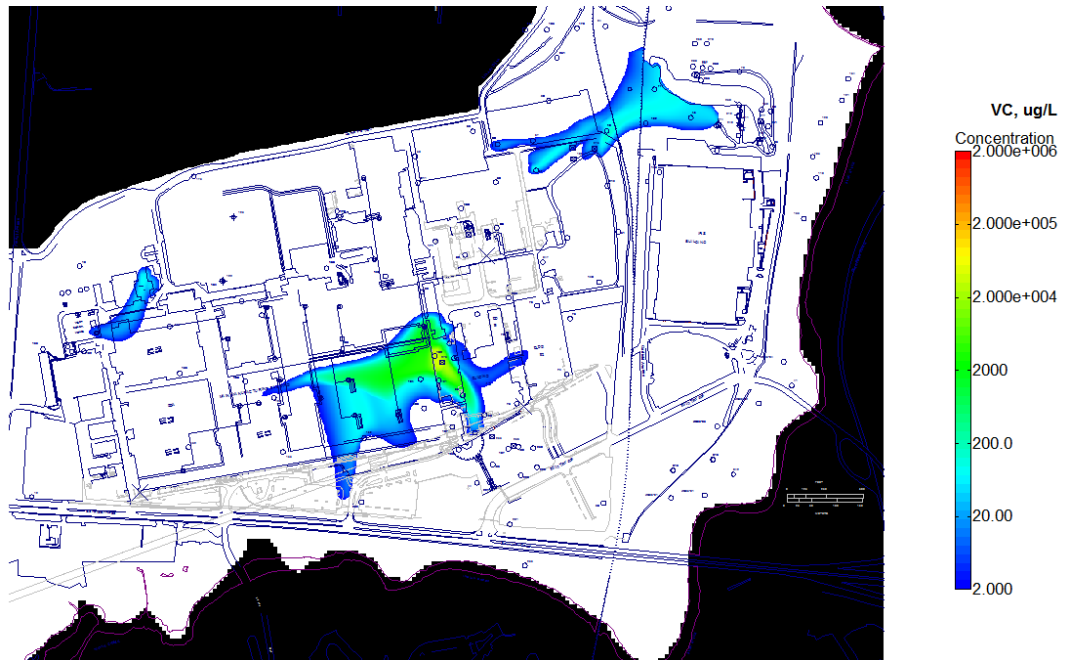
Future Conditions: DCE, Year 145, 20 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

**Appendix 42: Plumes – VC, Future Conditions, 0% Source  
Concentration Reduction, 50% Source Duration Reduction**



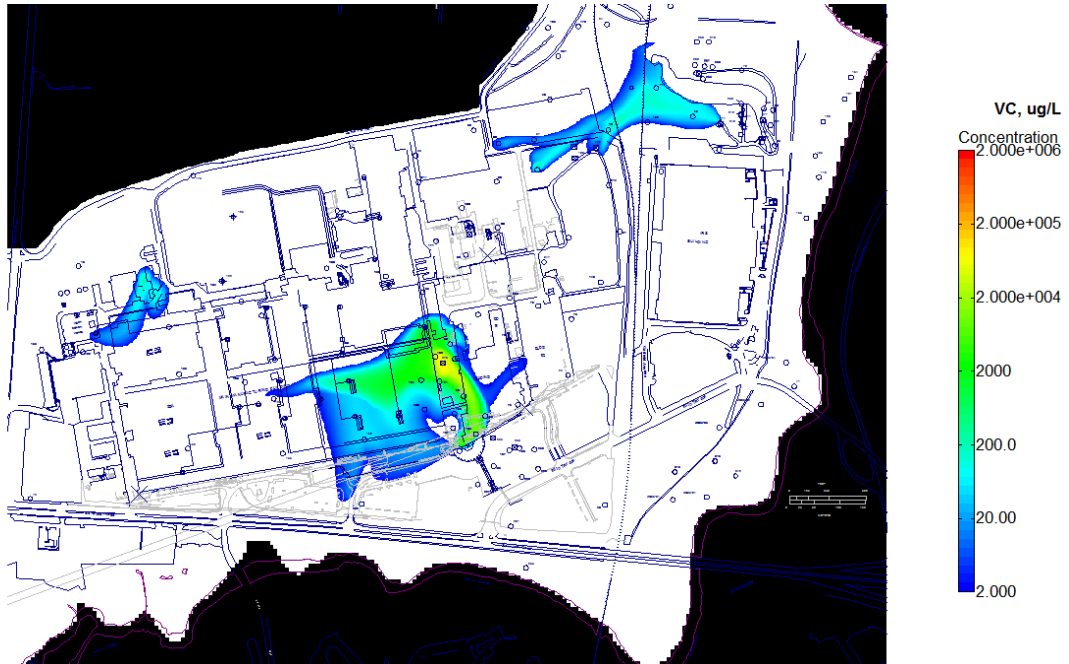
Future Conditions: Initial VC Concentrations



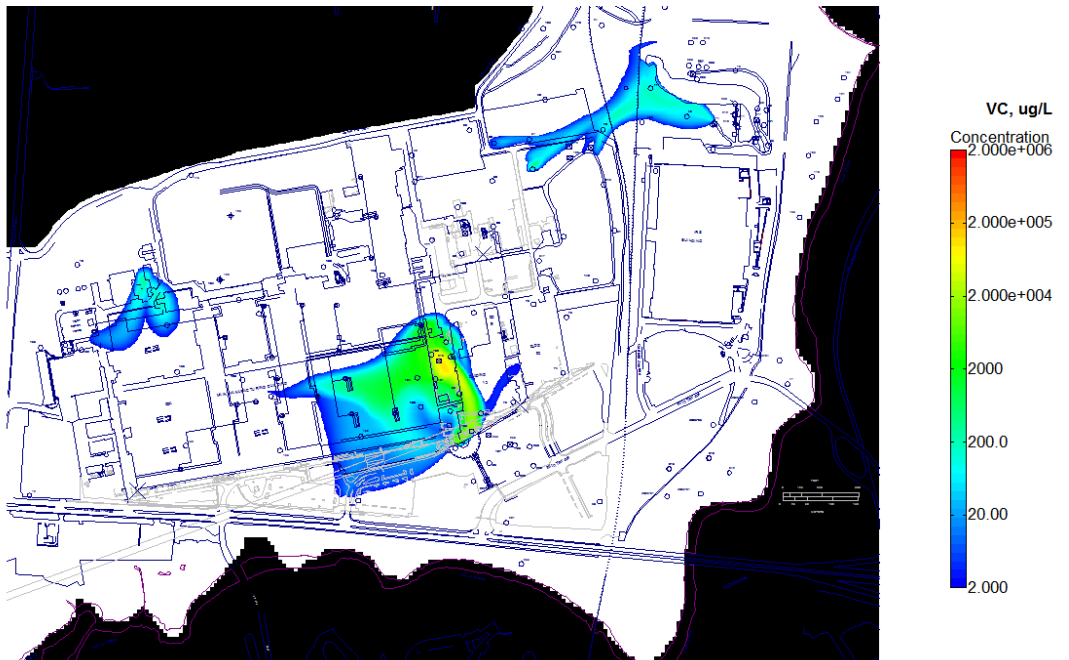
Future Conditions: VC, Year 1, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



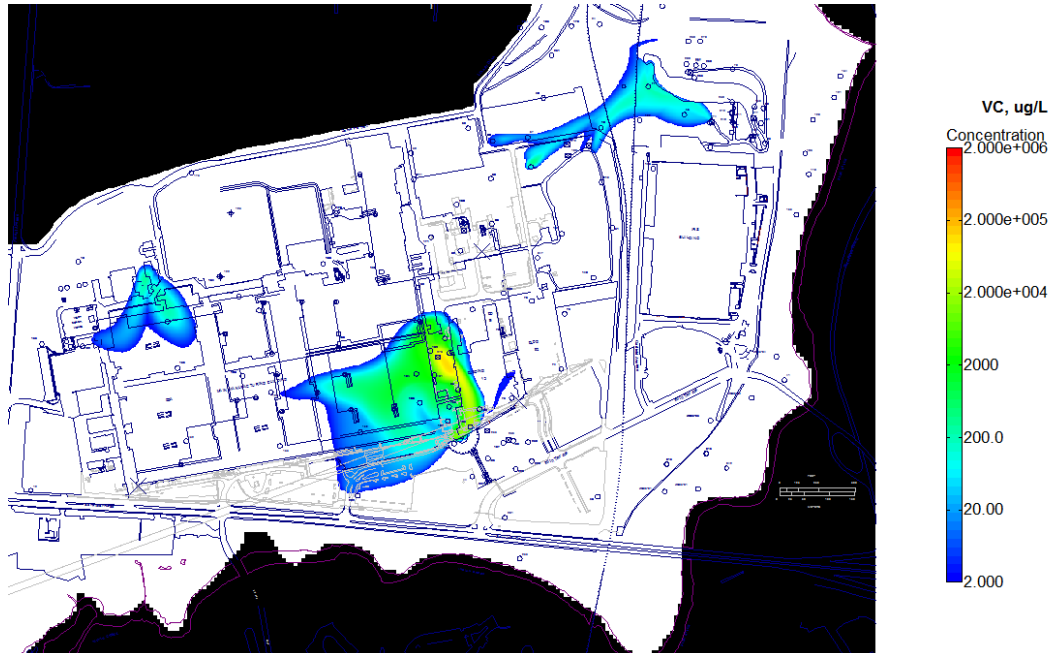


Future Conditions: VC, Year 2, source active

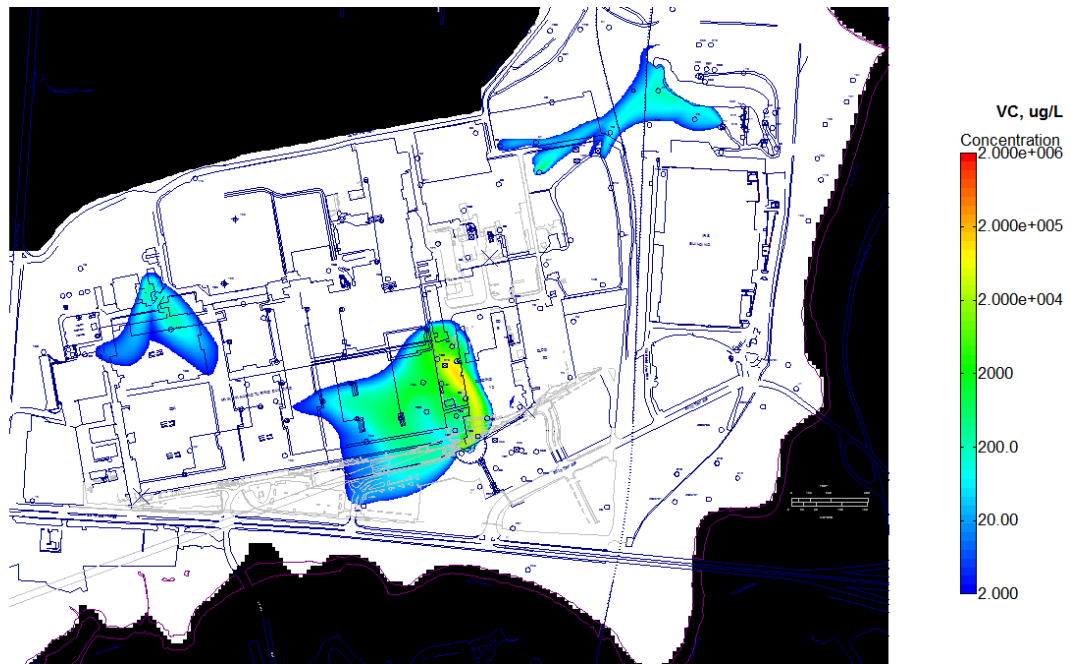


Future Conditions: VC, Year 3, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

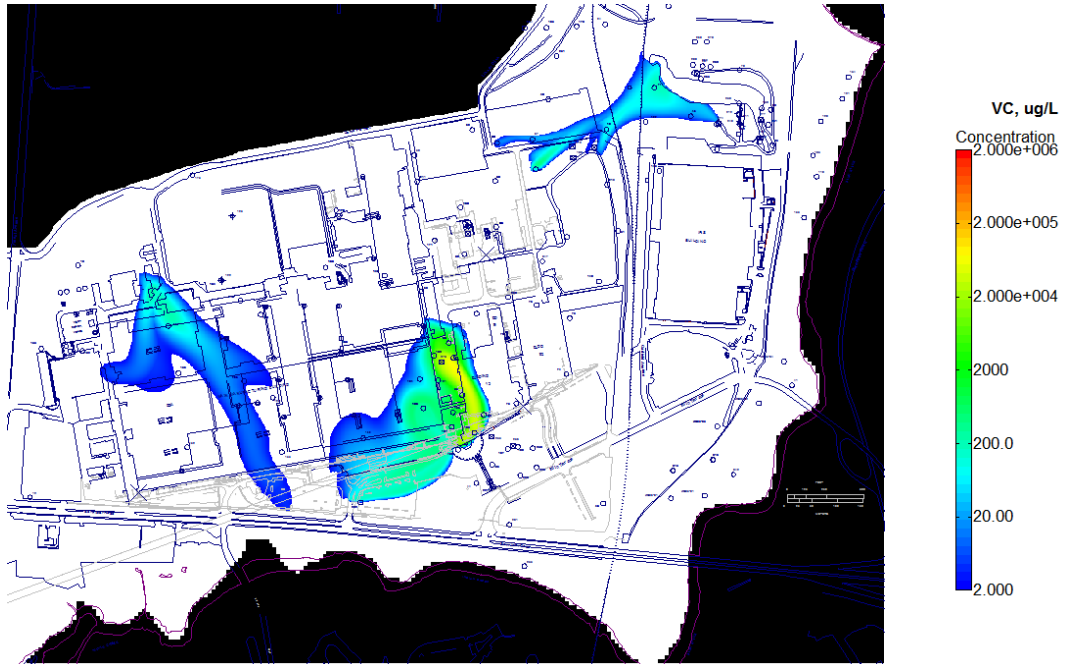


Future Conditions: VC, Year 4, source active

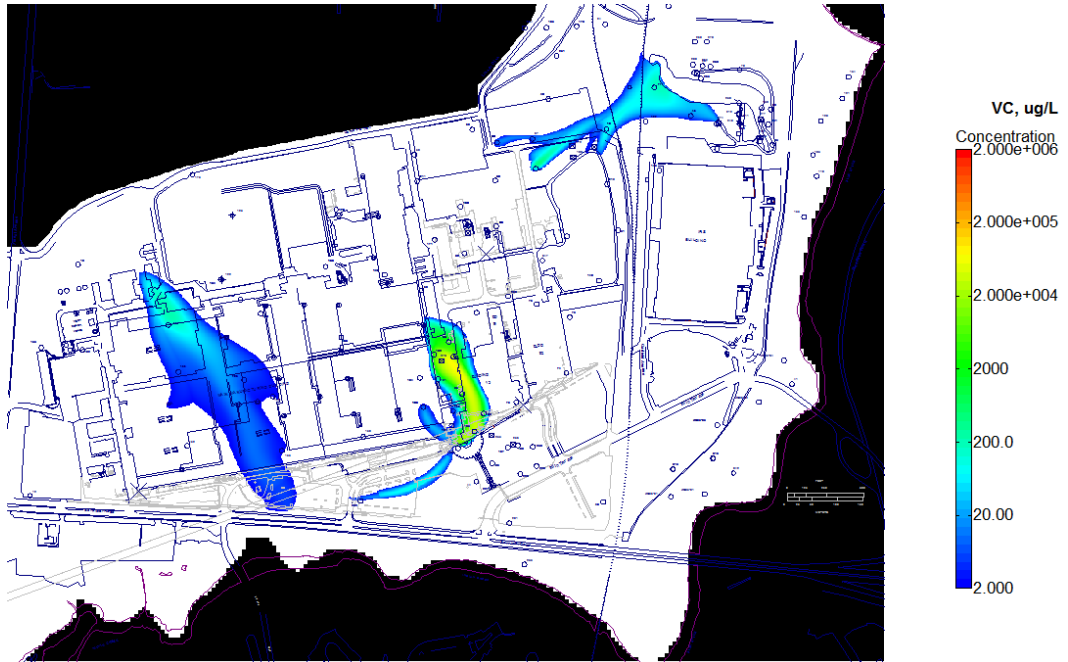


Future Conditions: VC, Year 5, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

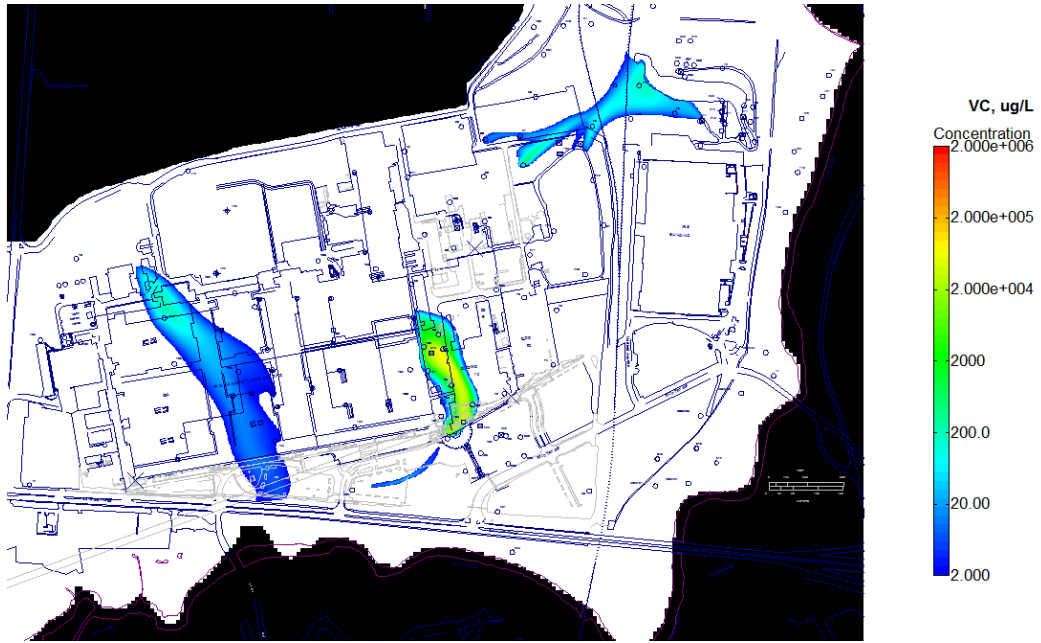


Future Conditions: VC, Year 10, source active

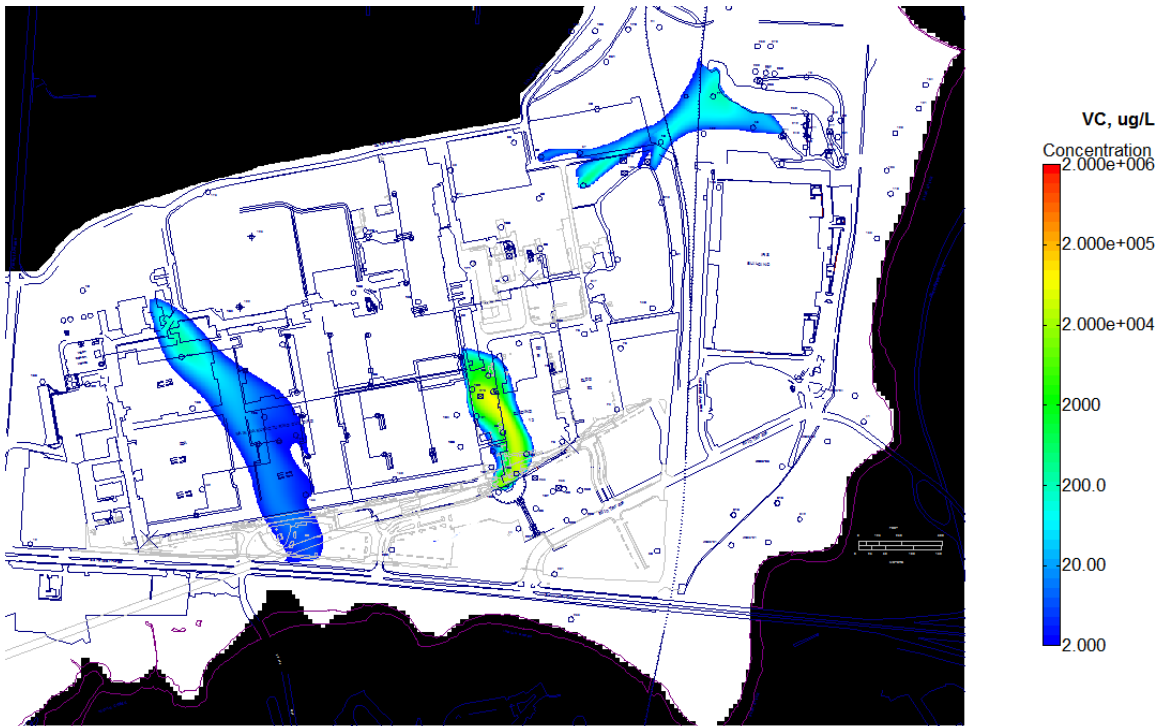


Future Conditions: VC, Year 20, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

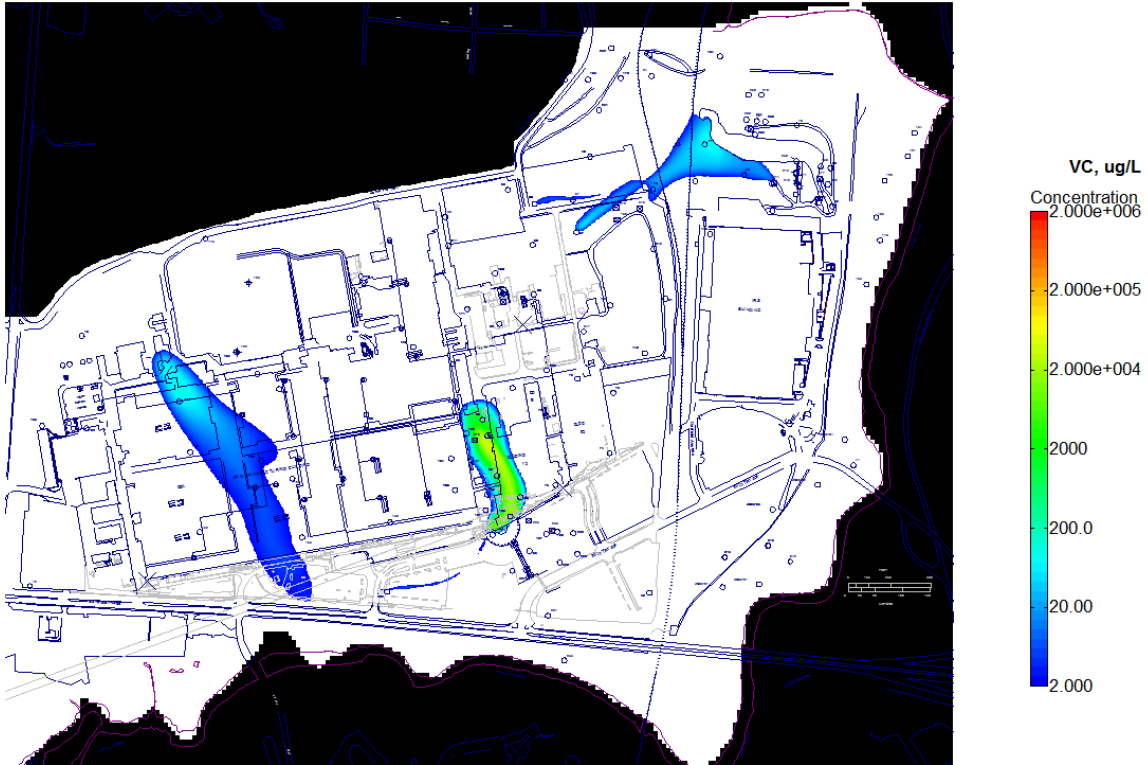


Future Conditions: VC, Year 30, source active



Future Conditions: VC, Year 31 to 125, source active

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



Future Conditions: VC, Year 126, 1 year after complete source dilution



Future Conditions: VC, Year 127, 2 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction



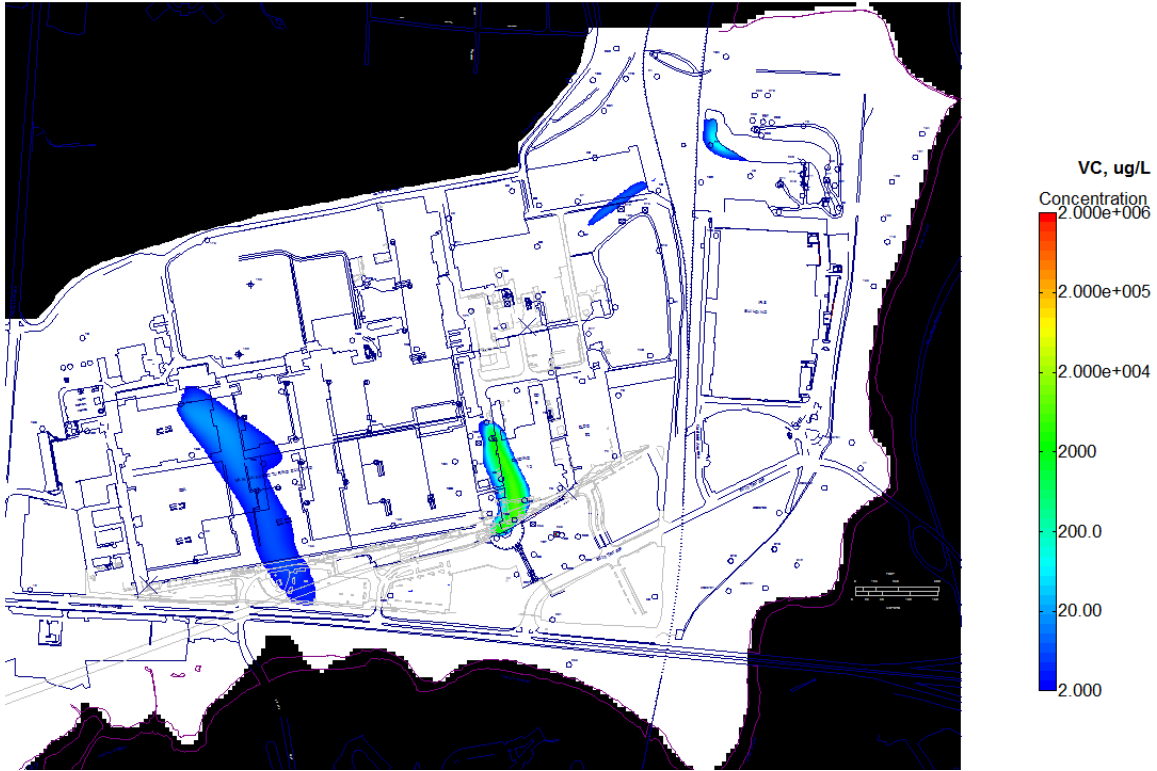
Future Conditions: VC, Year 128, 3 years after complete source dilution



Future Conditions: VC, Year 129, 4 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction





Future Conditions: VC, Year 130, 5 years after complete source dilution



Future Conditions: VC, Year 135, 10 years after complete source dilution  
 Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction





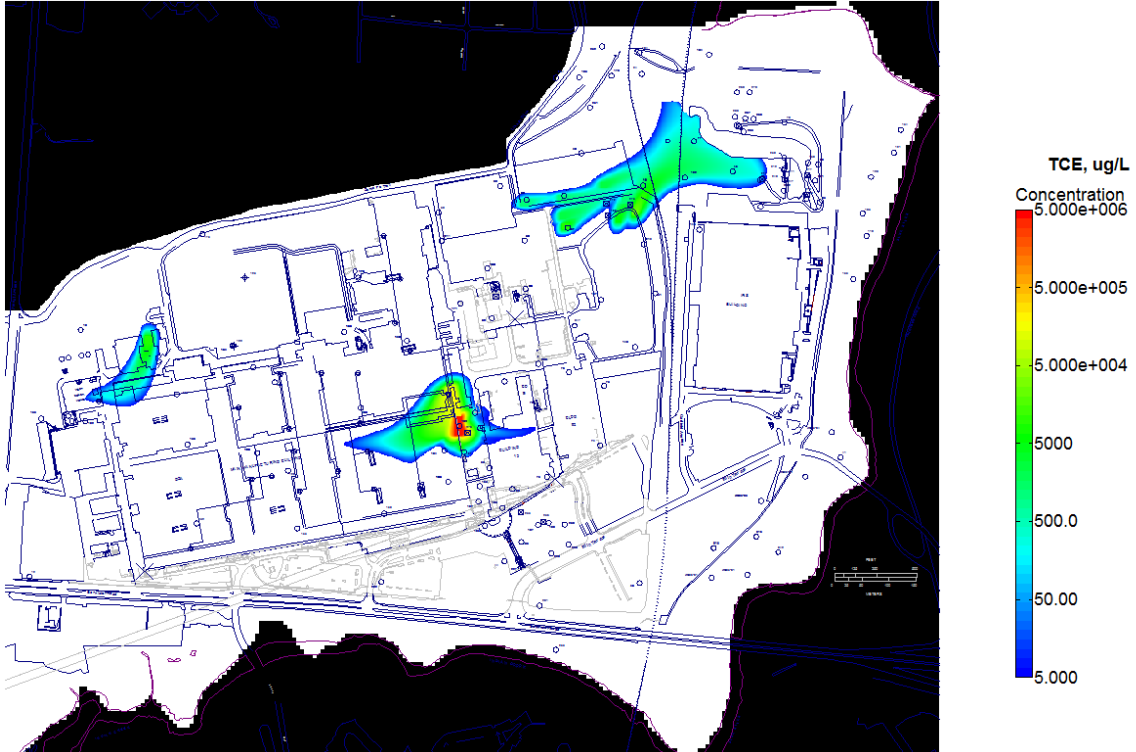
Future Conditions: VC, Year 145, 20 years after complete source dilution



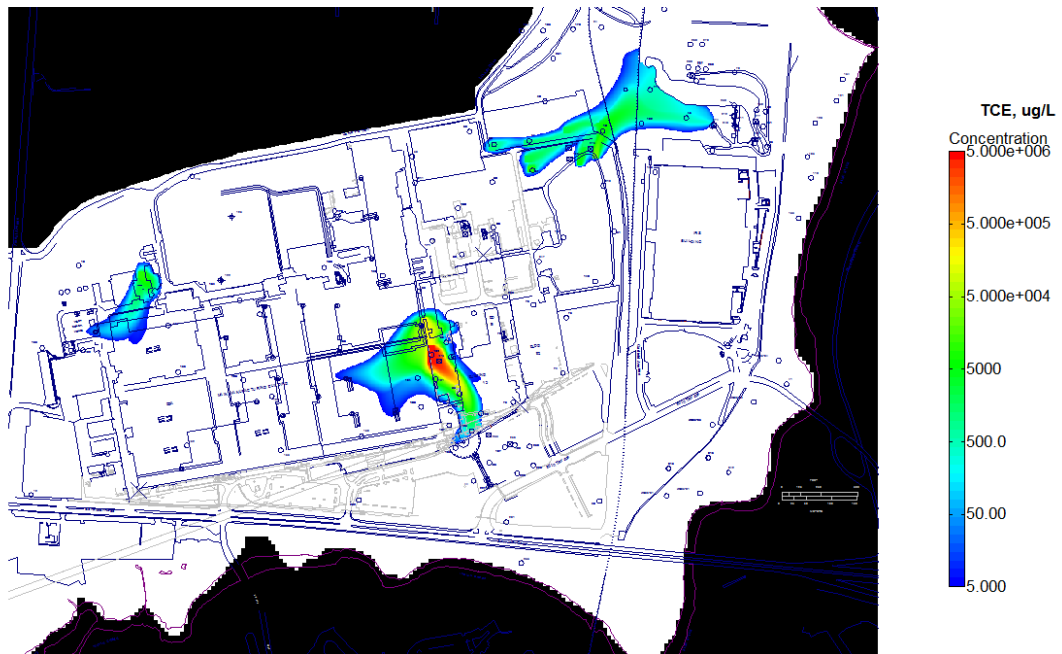
Future Conditions: VC, Year 140, 30 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 50% Source Duration Reduction

**Appendix 43: Plumes – TCE, Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction**

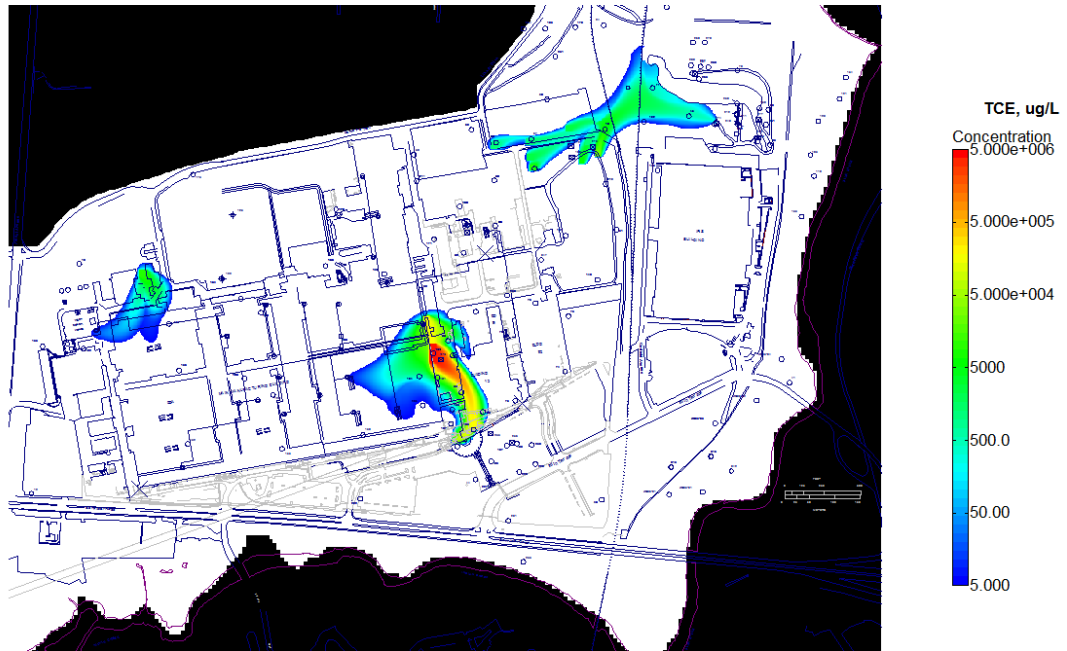


Future Conditions: Initial TCE Concentrations

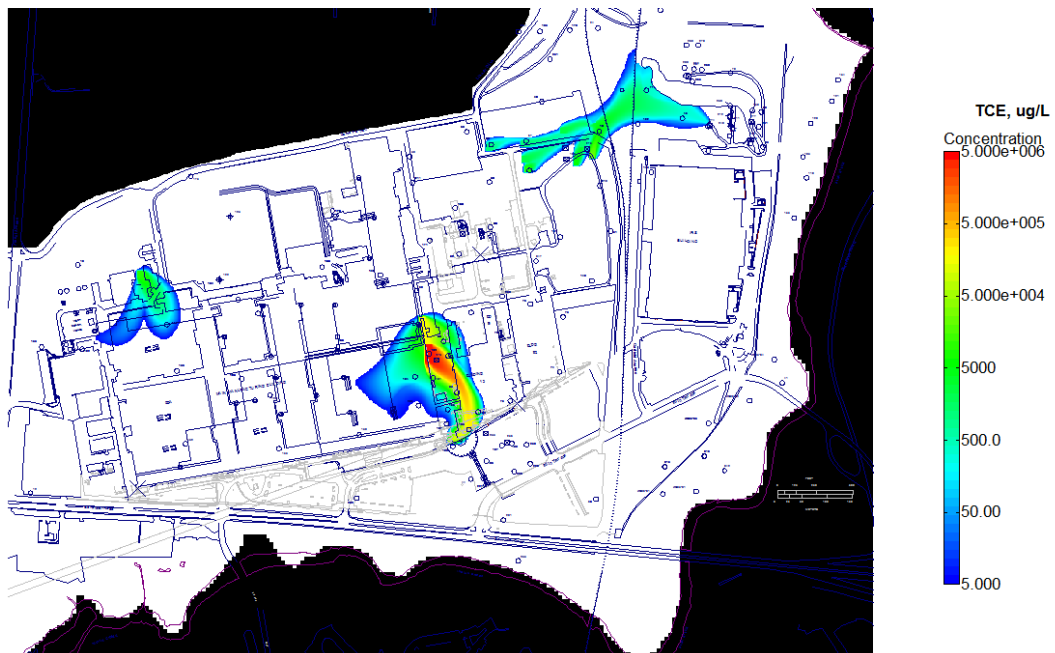


Future Conditions: TCE, Years 1, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

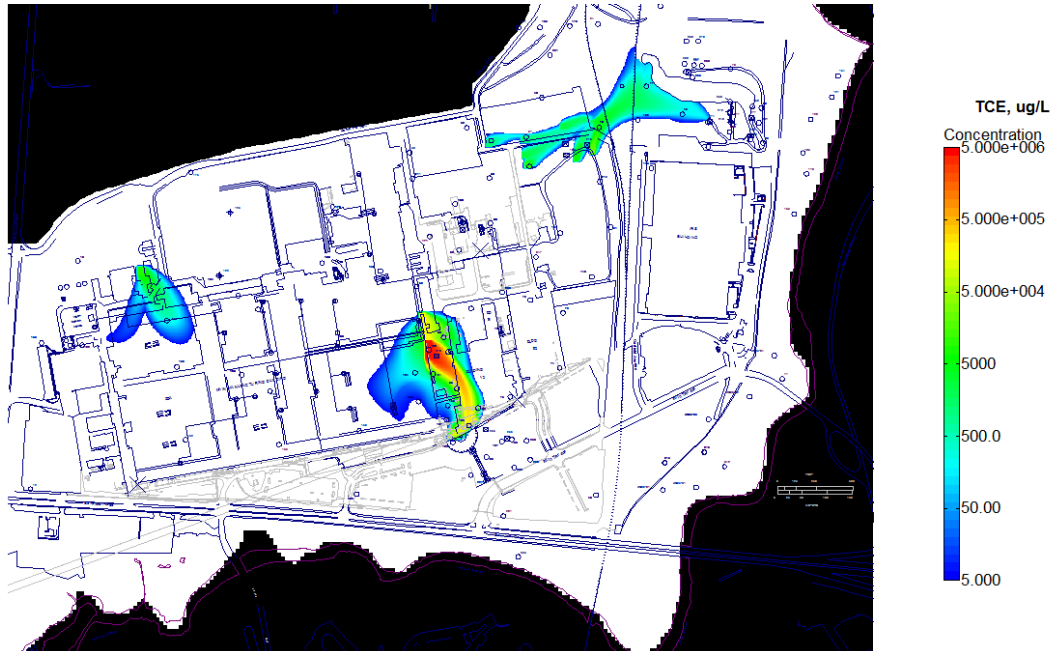


Future Conditions: TCE, Year 2, source active

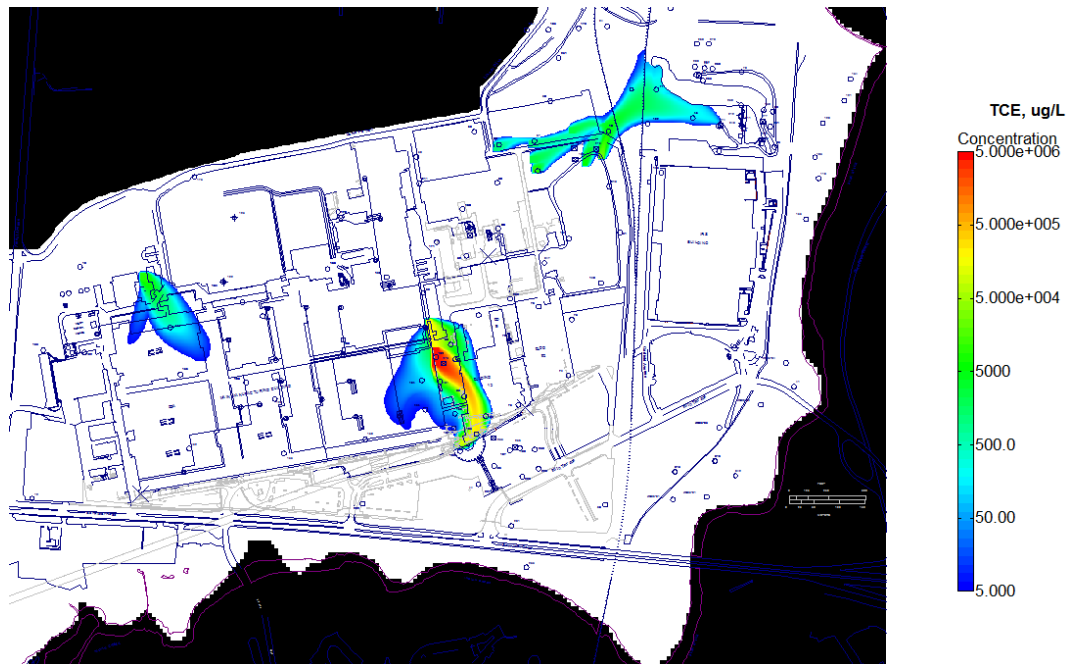


Future Conditions: TCE, Year 3, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

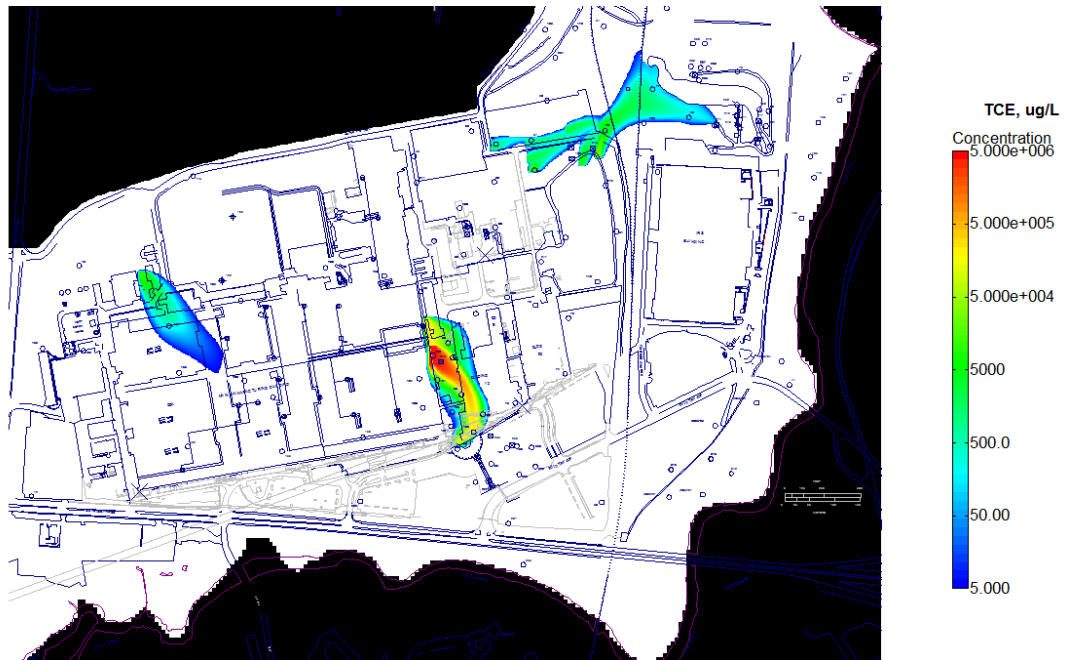


Future Conditions: TCE, Year 4, source active

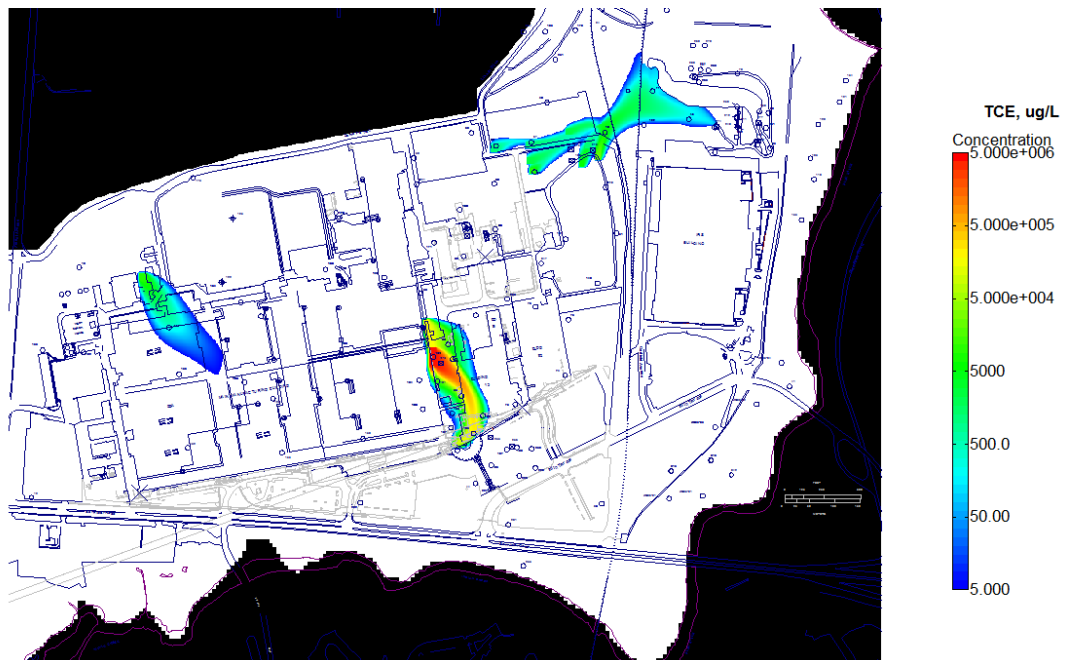


Future Conditions: TCE, Year 5, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

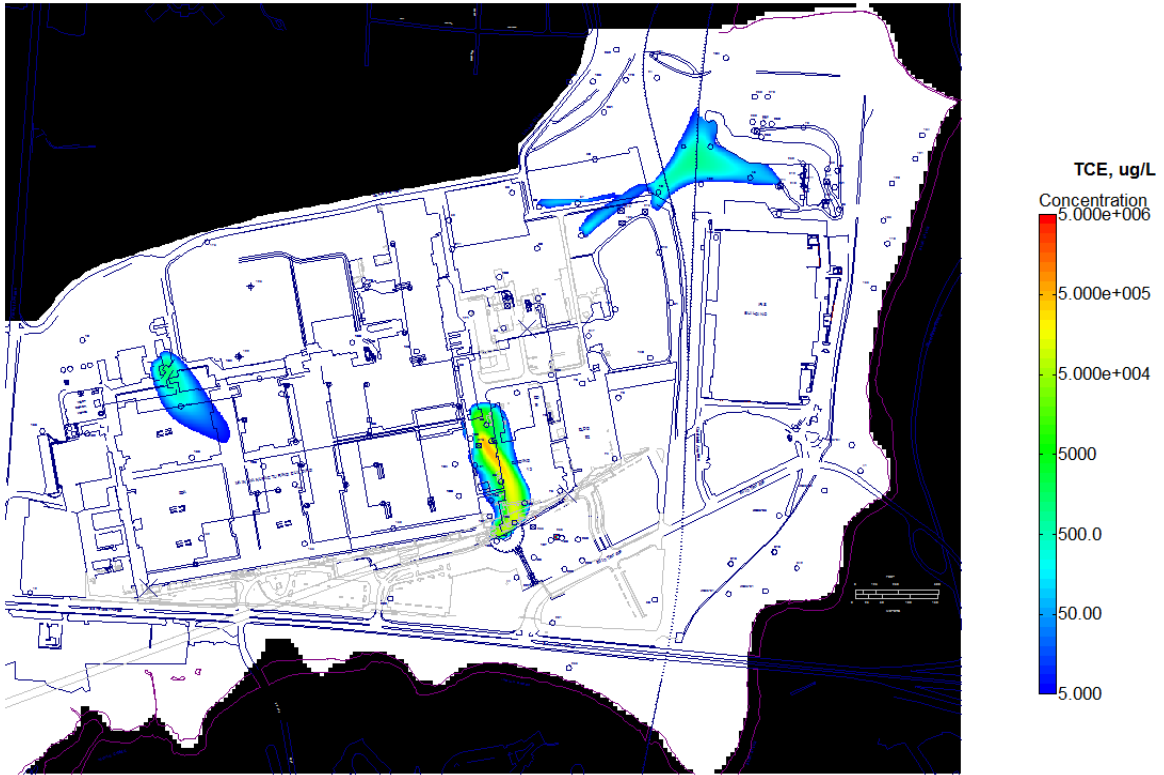


Future Conditions: TCE, Year 10, source active



Future Conditions: TCE, Years 21 through 63, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



Future Conditions: TCE, Year 64, 1 year after complete source dilution



Future Conditions: TCE, Year 65, 2 years after complete source dilution  
Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction





Future Conditions: TCE, Year 66, 3 years after complete source dilution



Future Conditions: TCE, Year 67, 4 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



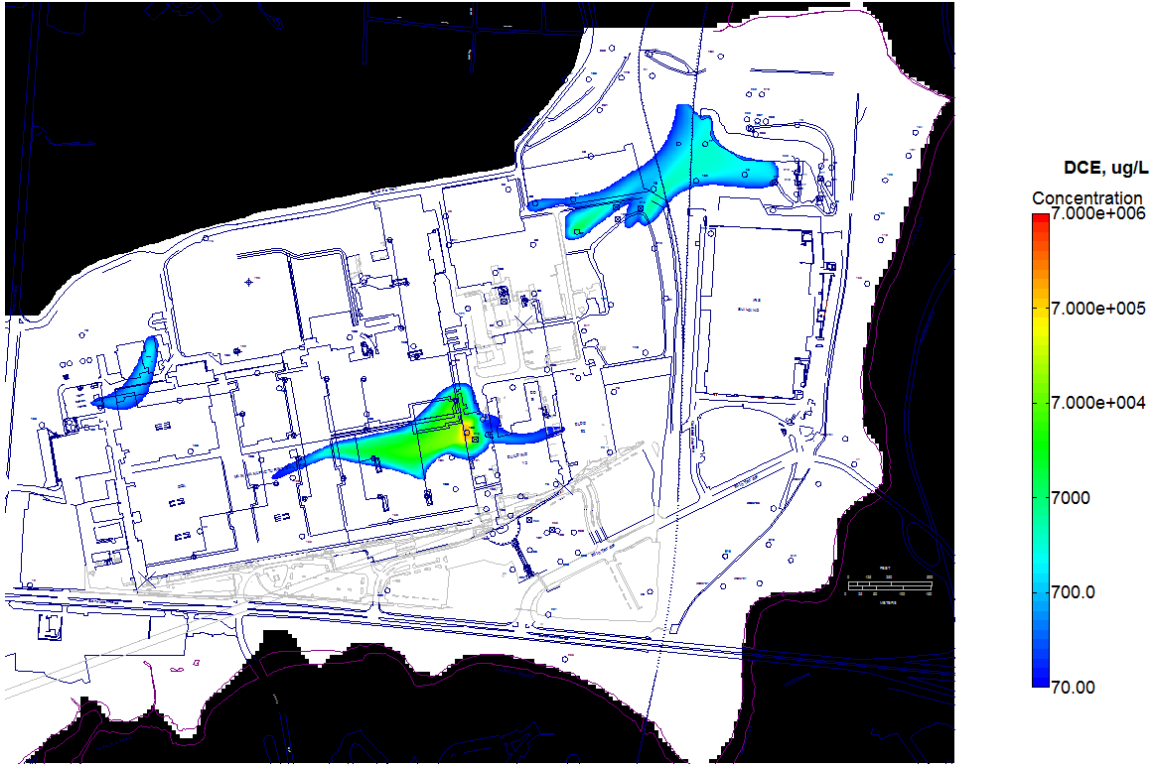
Future Conditions: TCE, Year 68, 5 years after complete source dilution



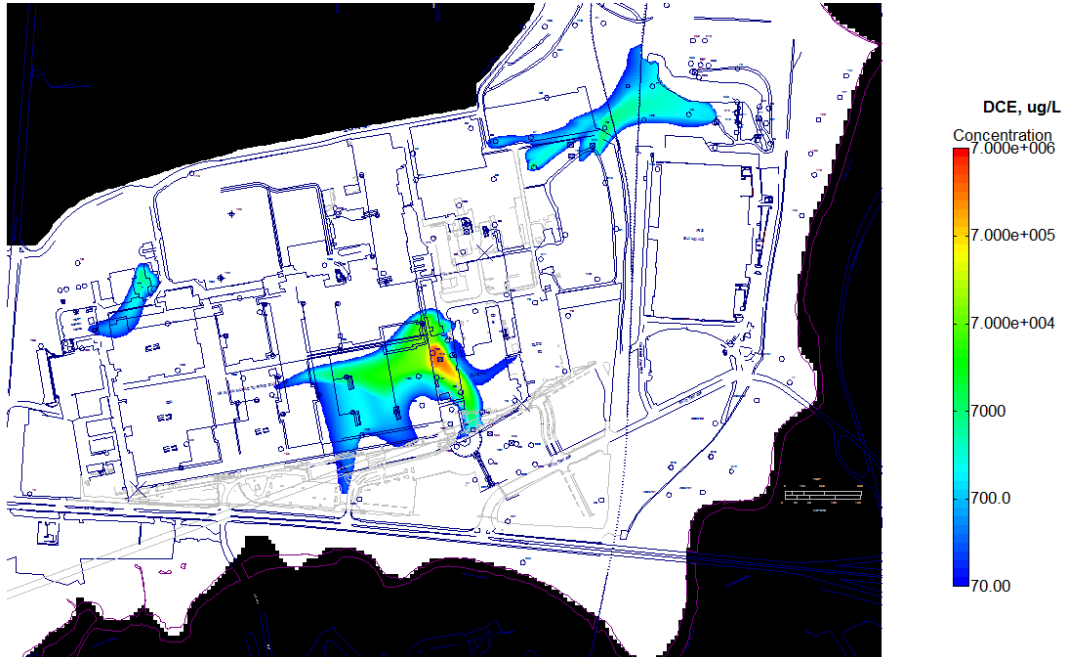
Future Conditions: TCE, Year 73, 10 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 44: Plumes – DCE, Future Conditions, 0% Source  
Concentration Reduction, 75% Source Duration Reduction**

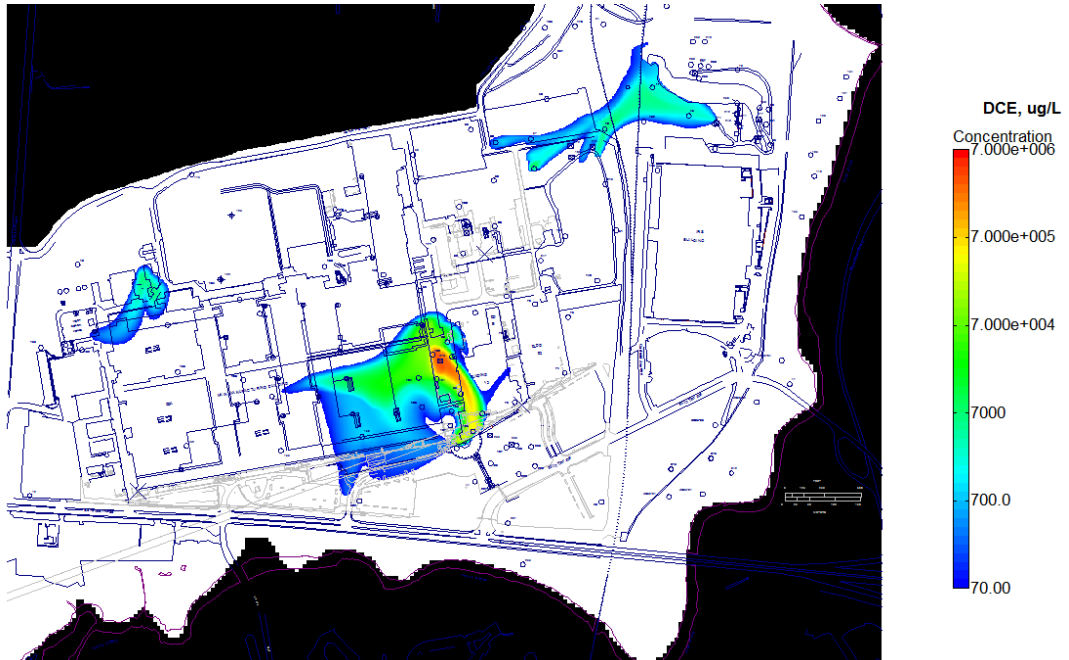


Future Conditions: Initial DCE Concentrations

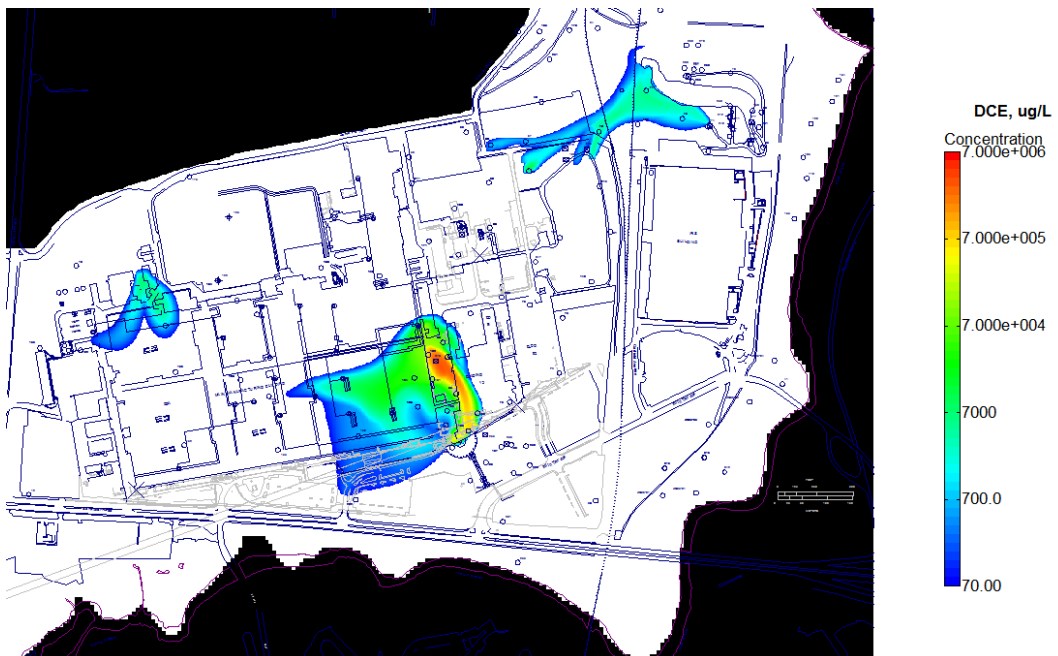


Future Conditions: DCE, Year 1, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

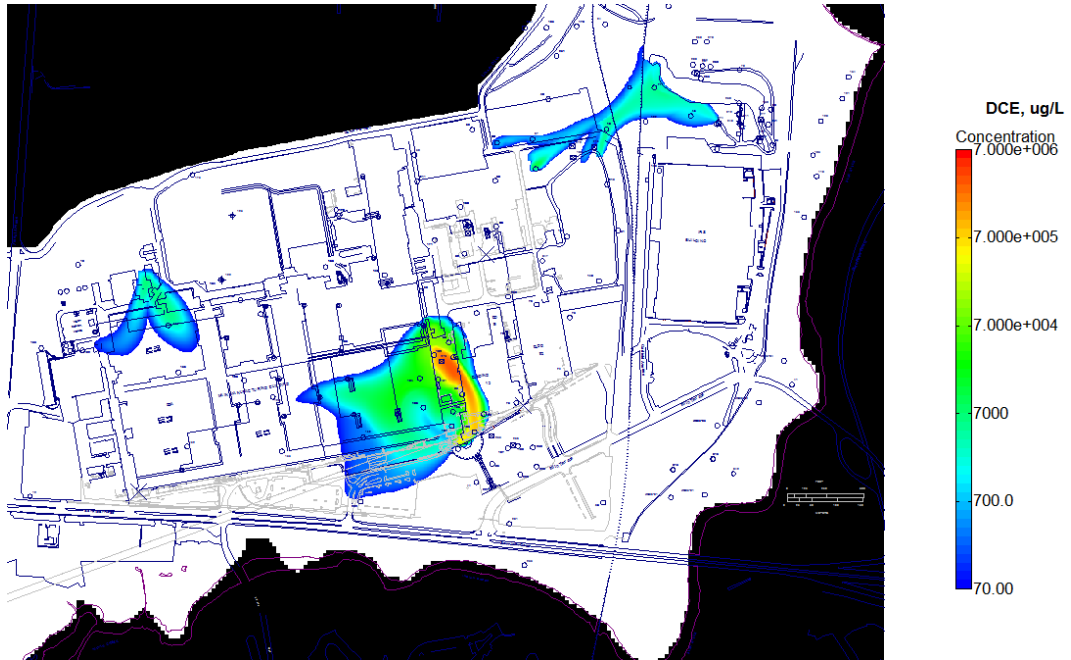


Future Conditions: DCE, Year 2, source active

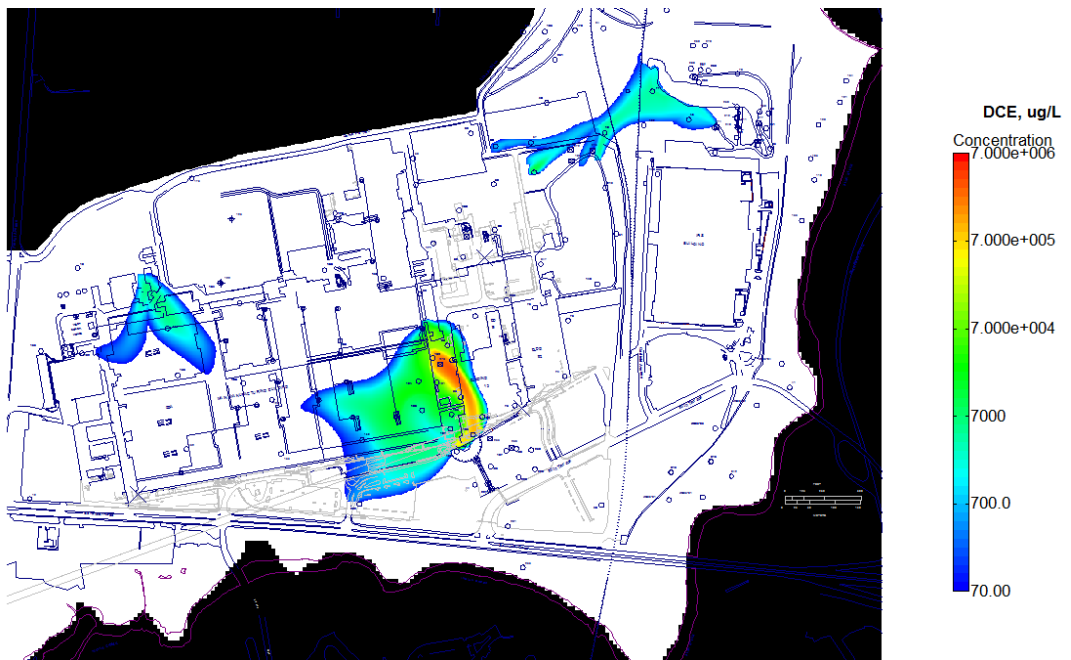


Future Conditions: DCE, Year 3, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

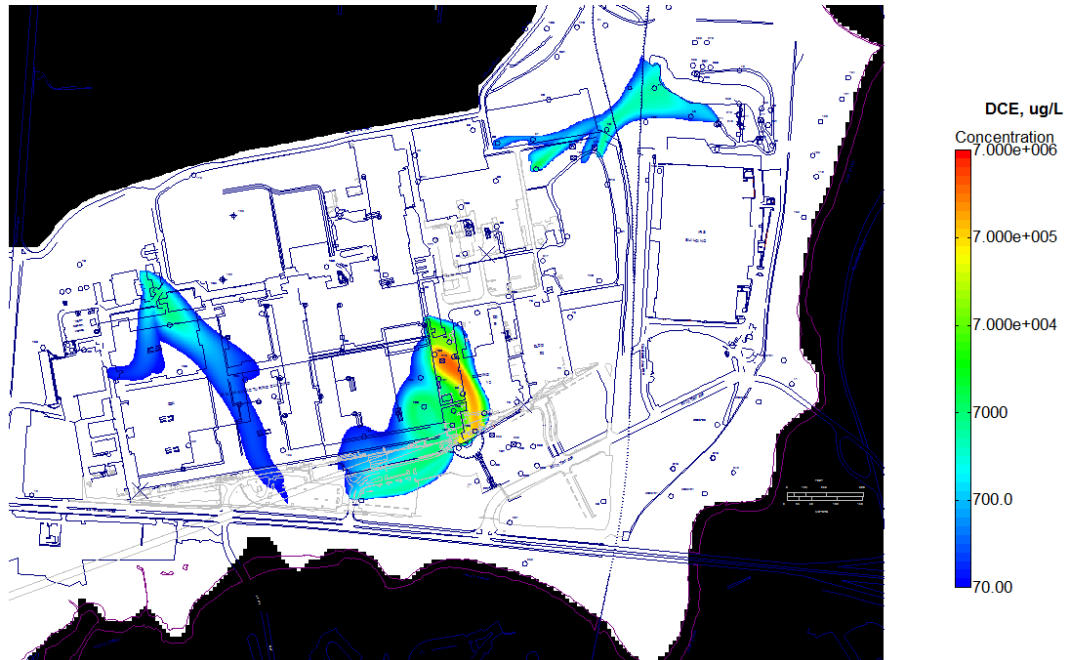


Future Conditions: DCE, Year 4, source active

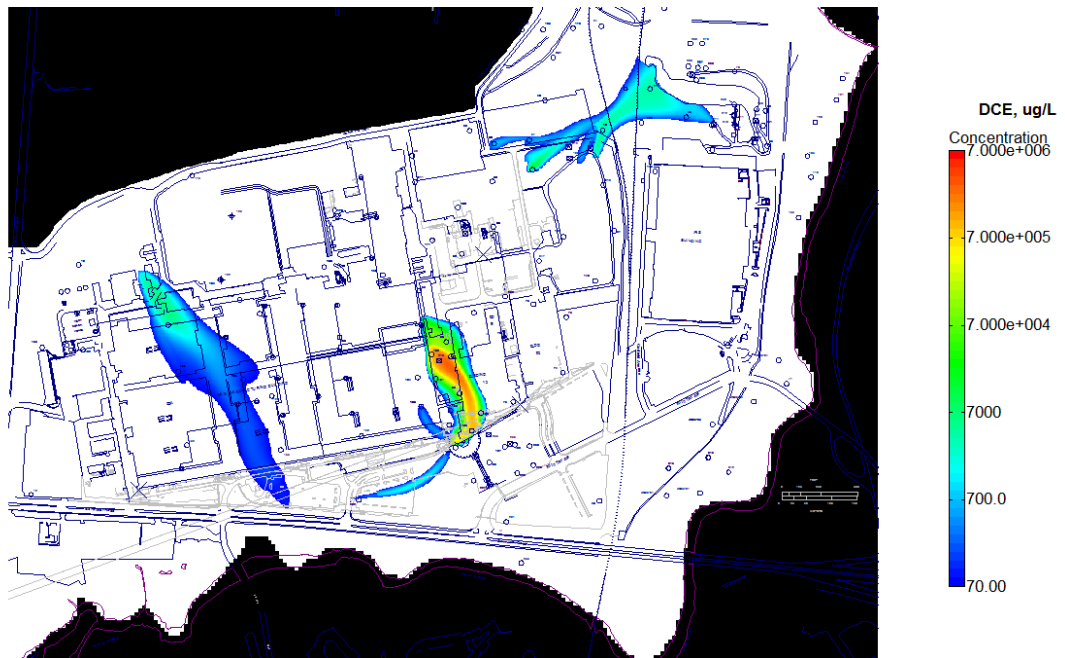


Future Conditions: DCE, Year 5, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



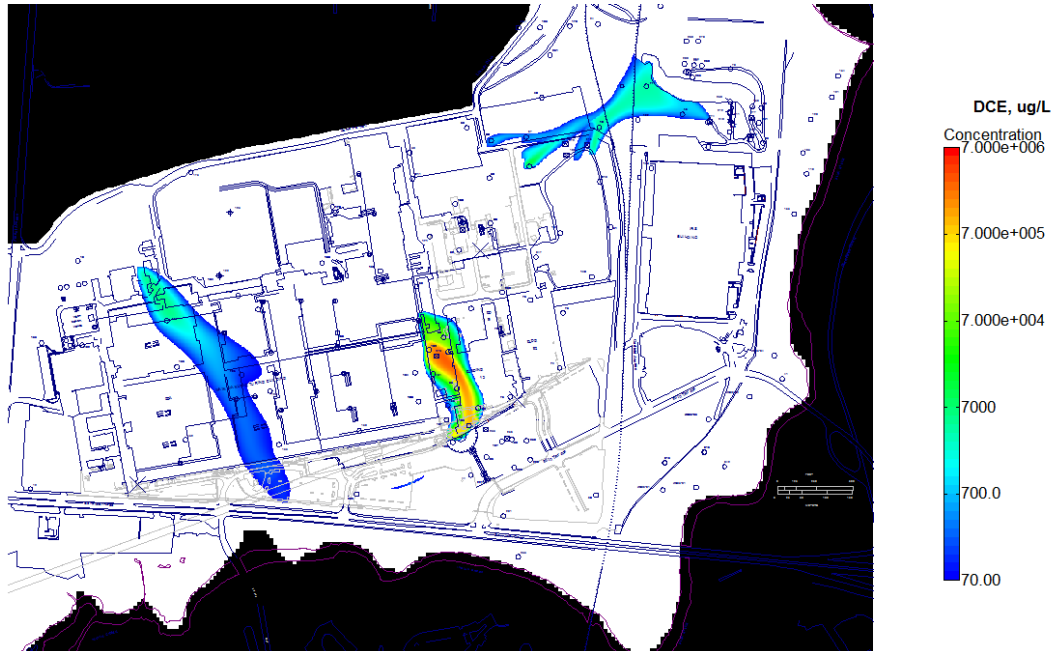
Future Conditions: DCE, Year 10, source active



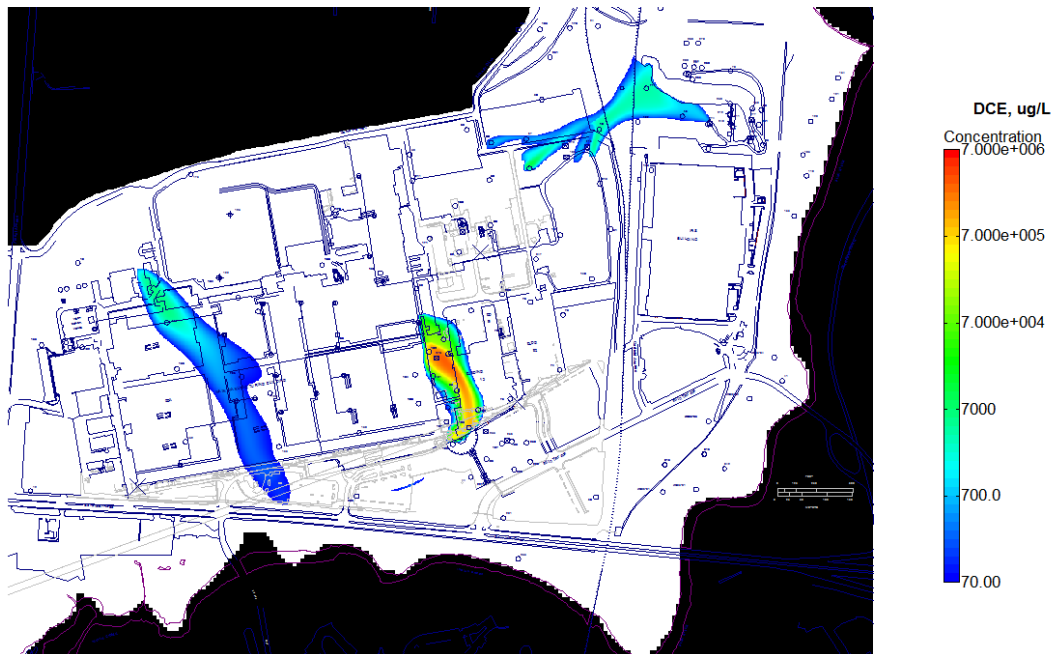
Future Conditions: DCE, Year 20, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



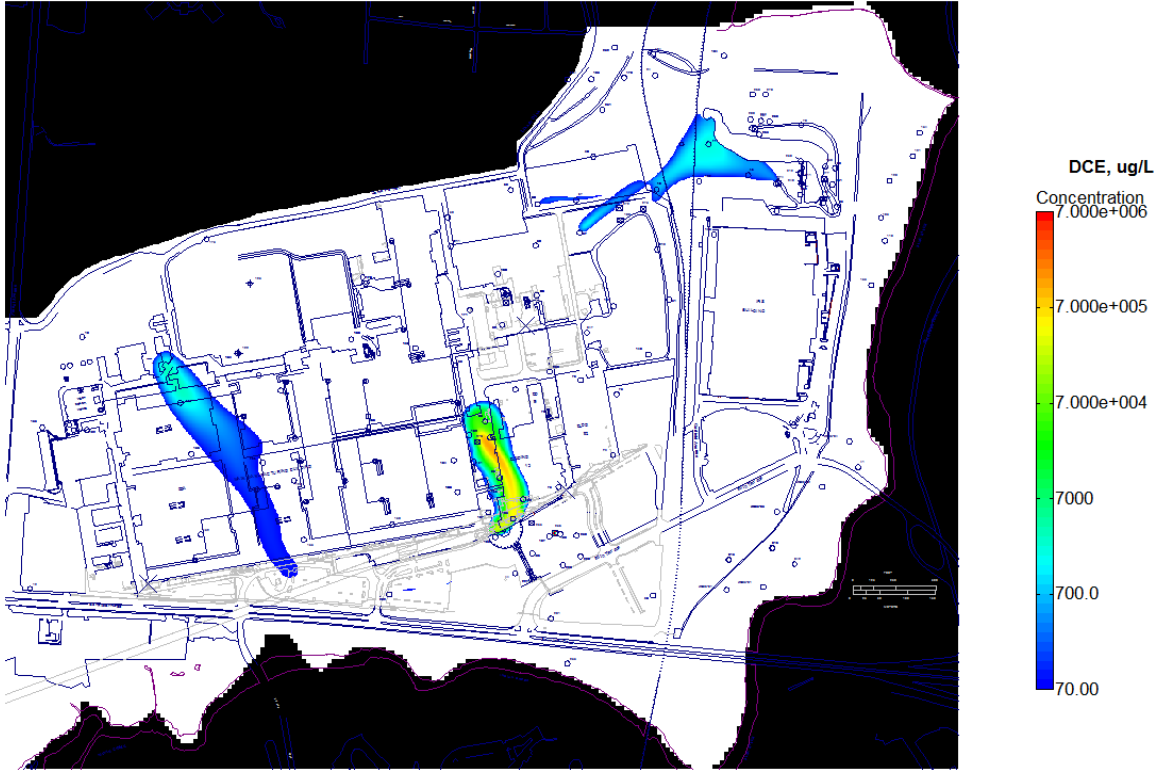


Future Conditions: DCE, Year 30, source active

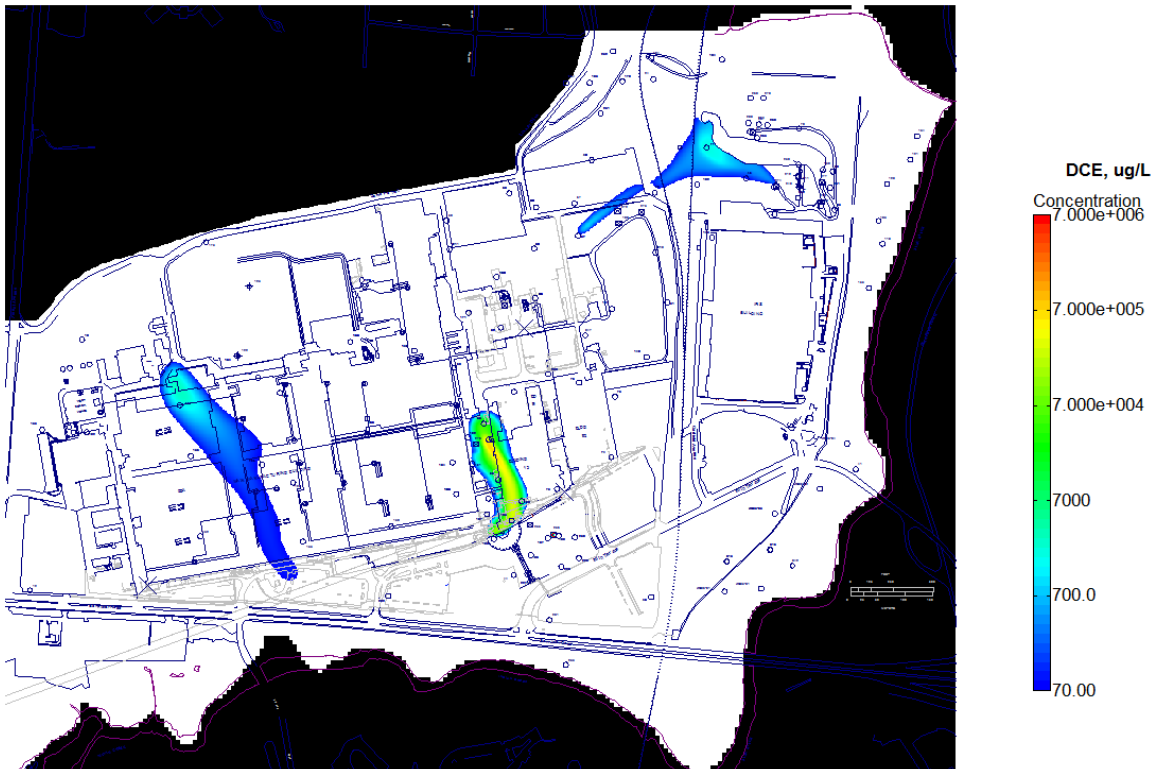


Future Conditions: DCE, Year 31 to 63, source active

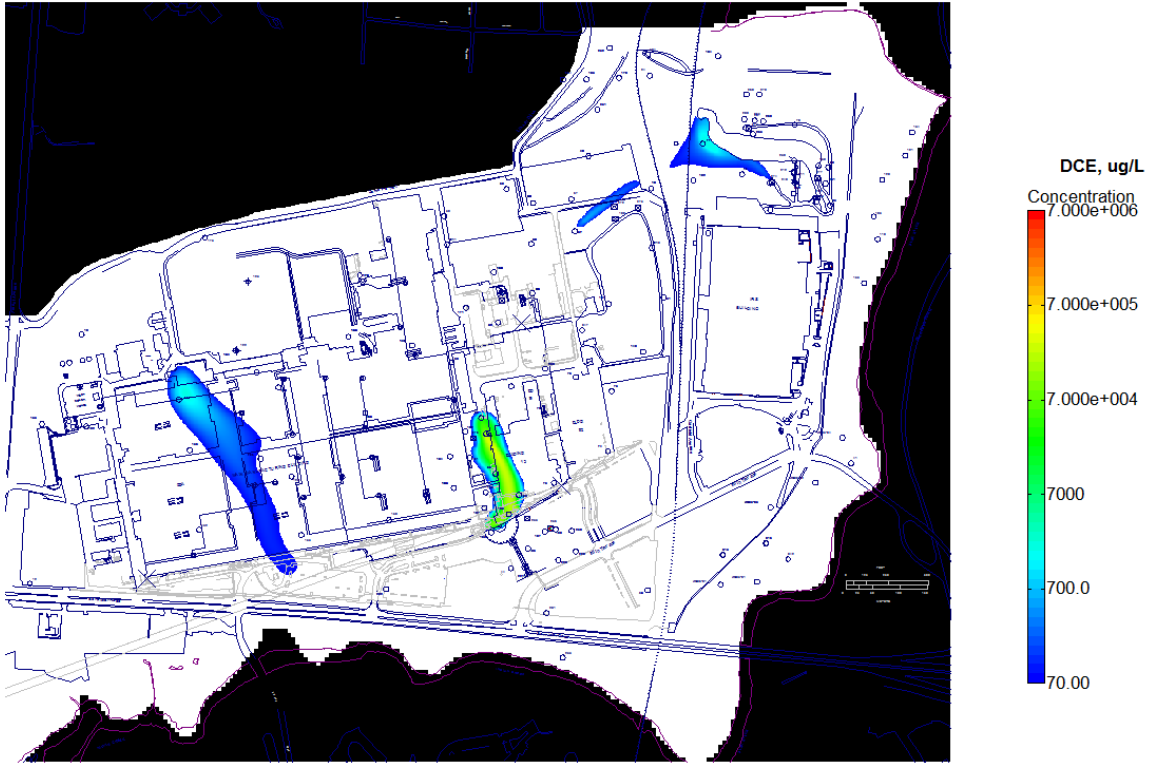
Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



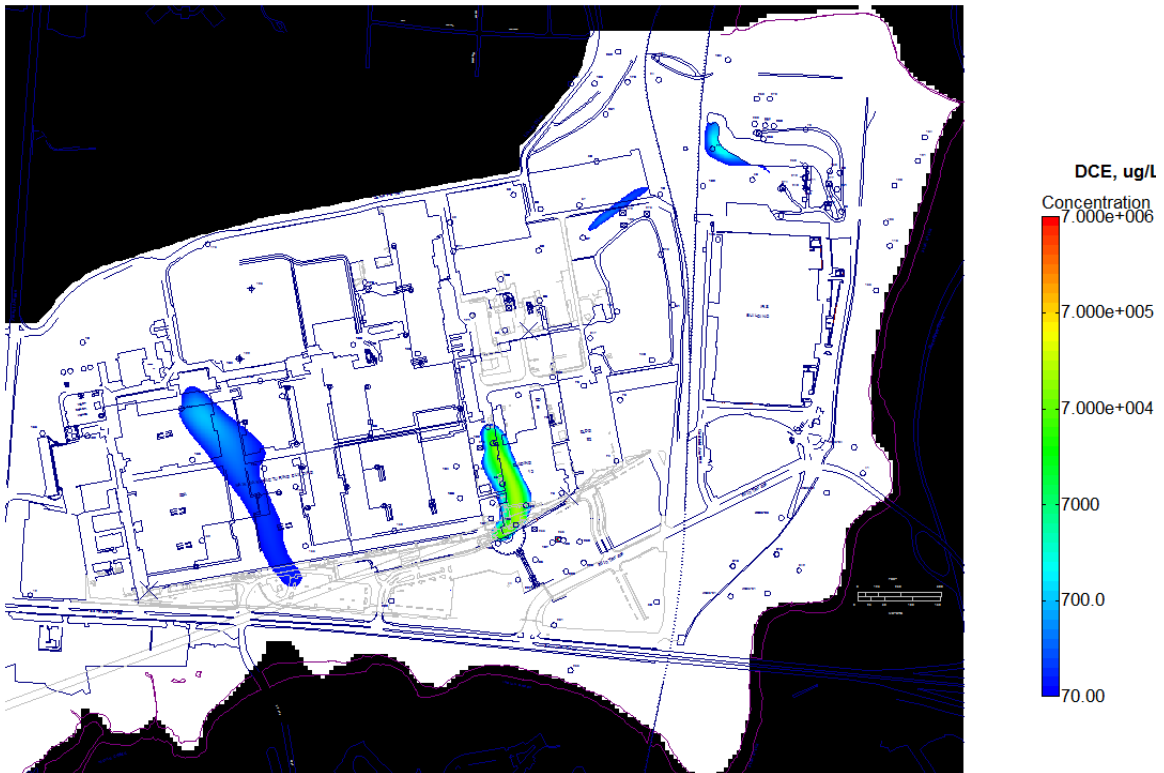
Future Conditions: DCE, Year 64, 1 year after complete source dilution



Future Conditions: DCE, Year 65, 2 years after complete source dilution  
 Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



Future Conditions: DCE, Year 66, 3 years after complete source dilution



Future Conditions: DCE, Year 67, 4 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



Future Conditions: DCE, Year 68, 5 years after complete source dilution



Future Conditions: DCE, Year 73, 10 years after complete source dilution

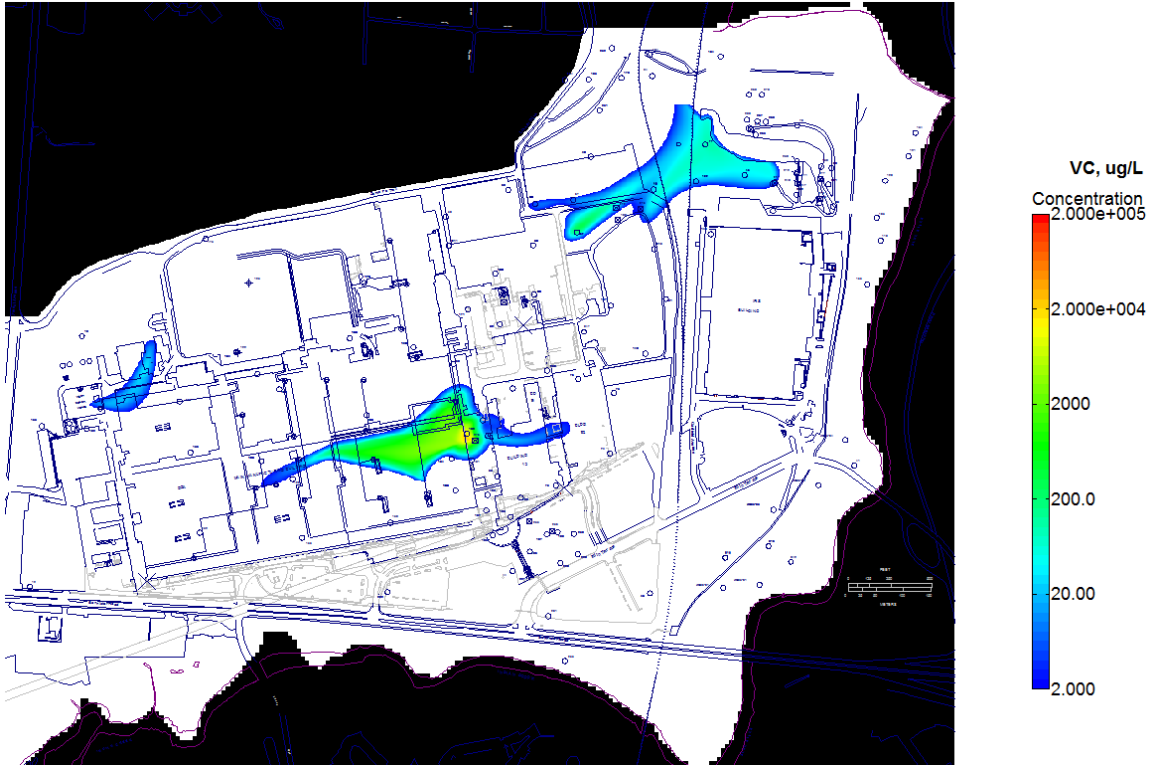
Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



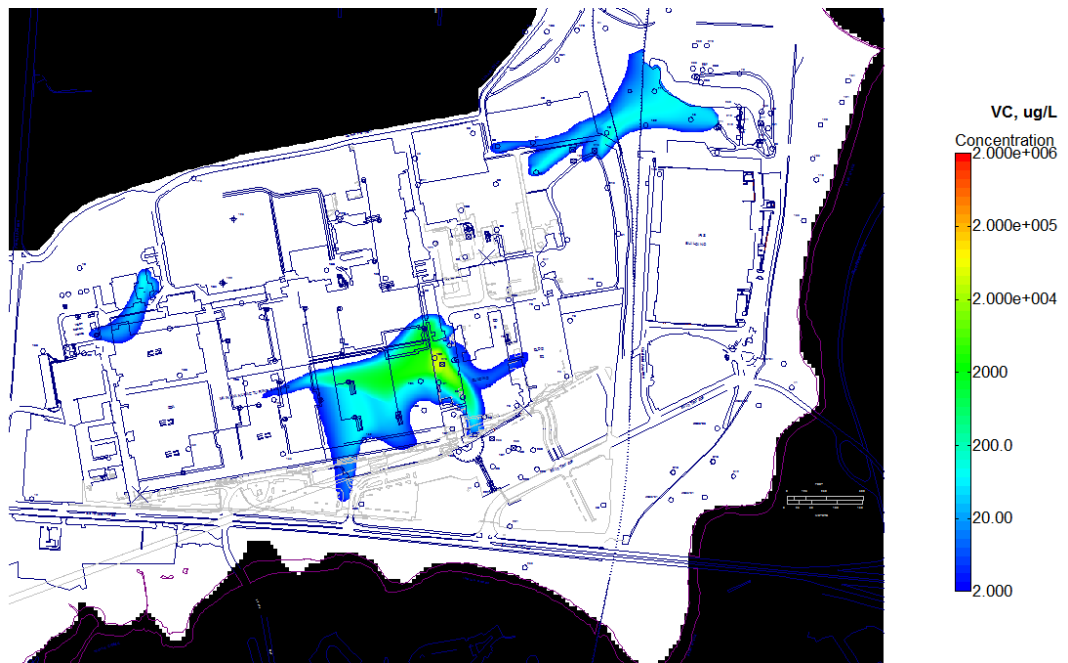
Future Conditions: DCE, Year 83, 20 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 45: Plumes – VC, Future Conditions, 0% Source  
Concentration Reduction, 75% Source Duration Reduction**



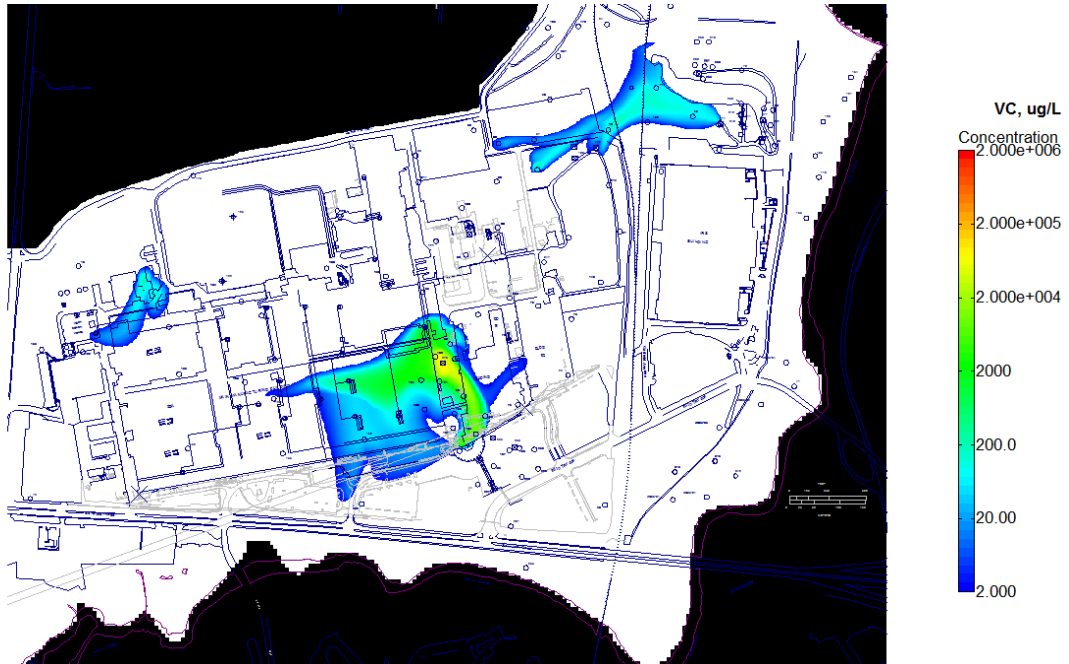
Future Conditions: Initial VC Concentrations



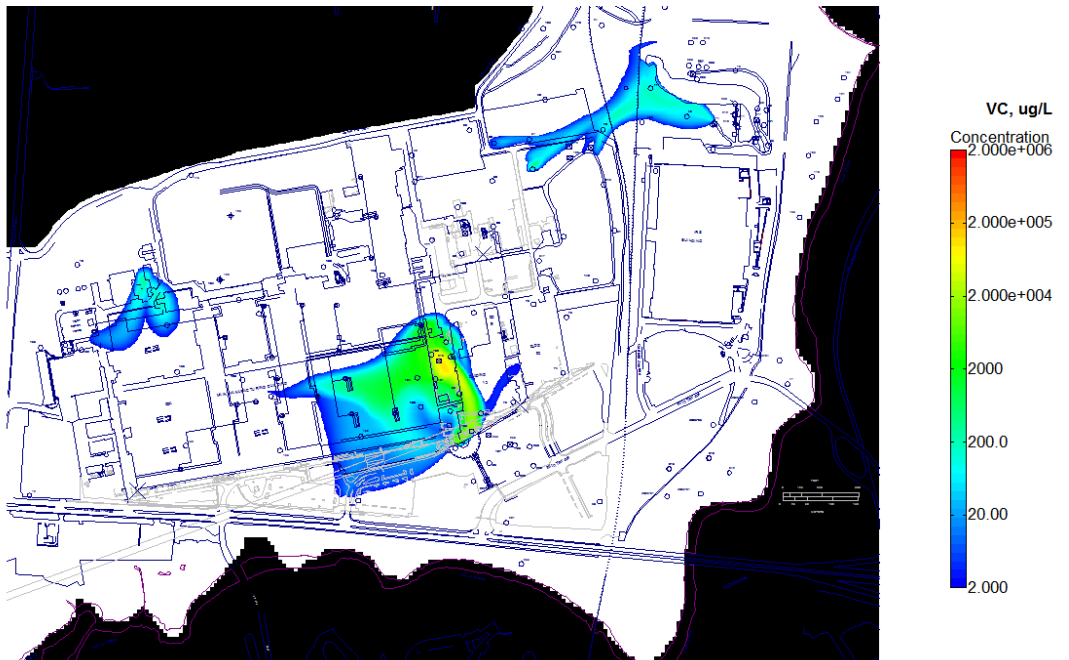
Future Conditions: VC, Year 1, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



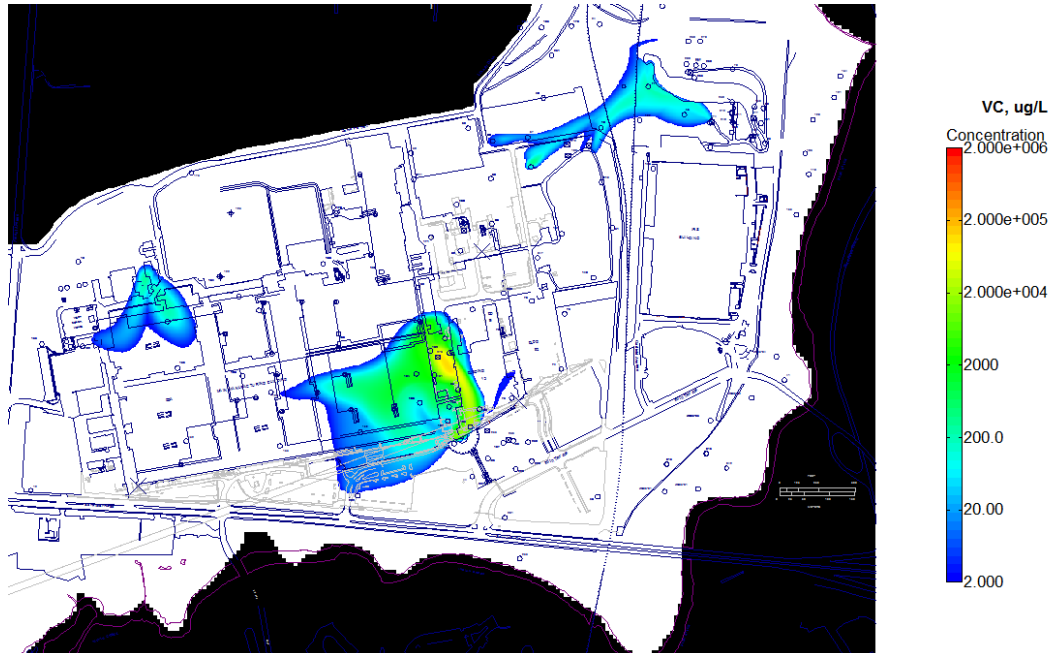


Future Conditions: VC, Year 2, source active

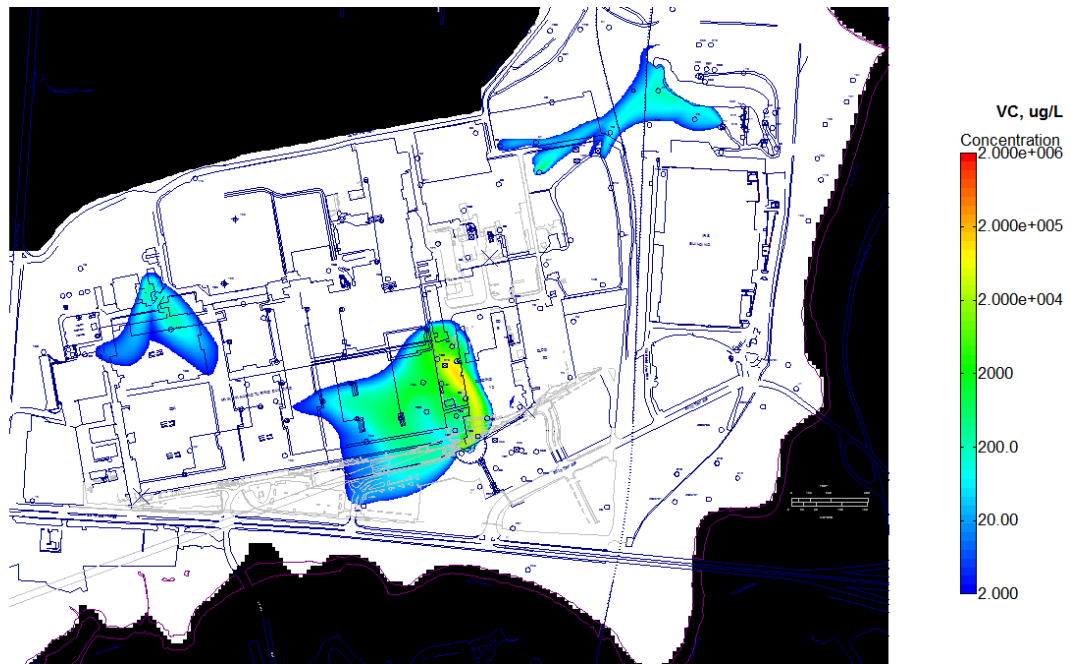


Future Conditions: VC, Year 3, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

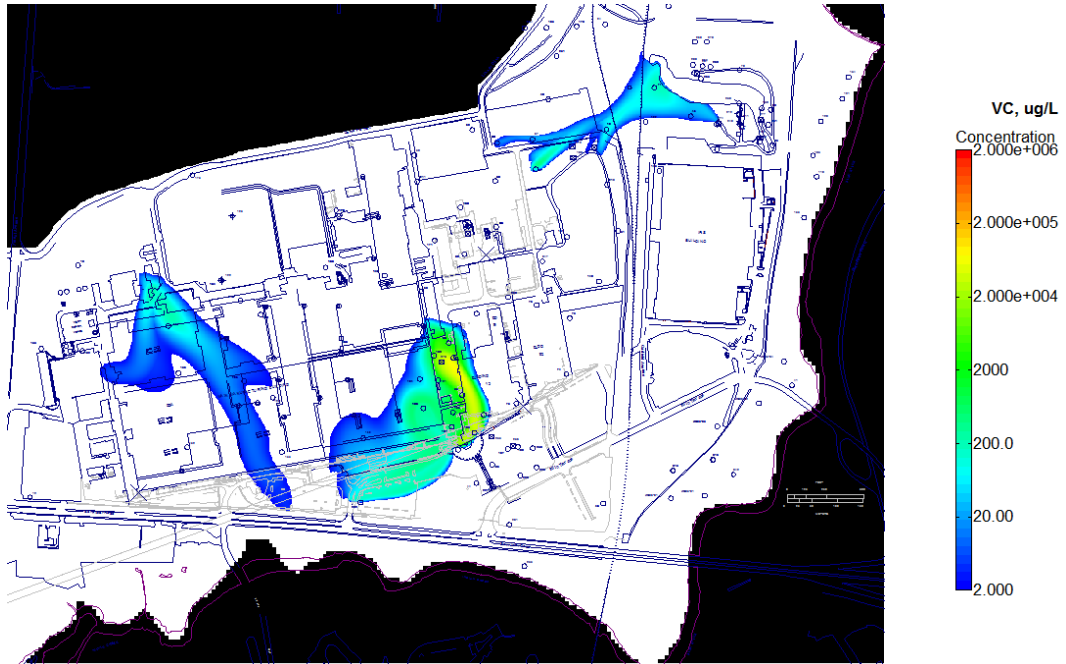


Future Conditions: VC, Year 4, source active

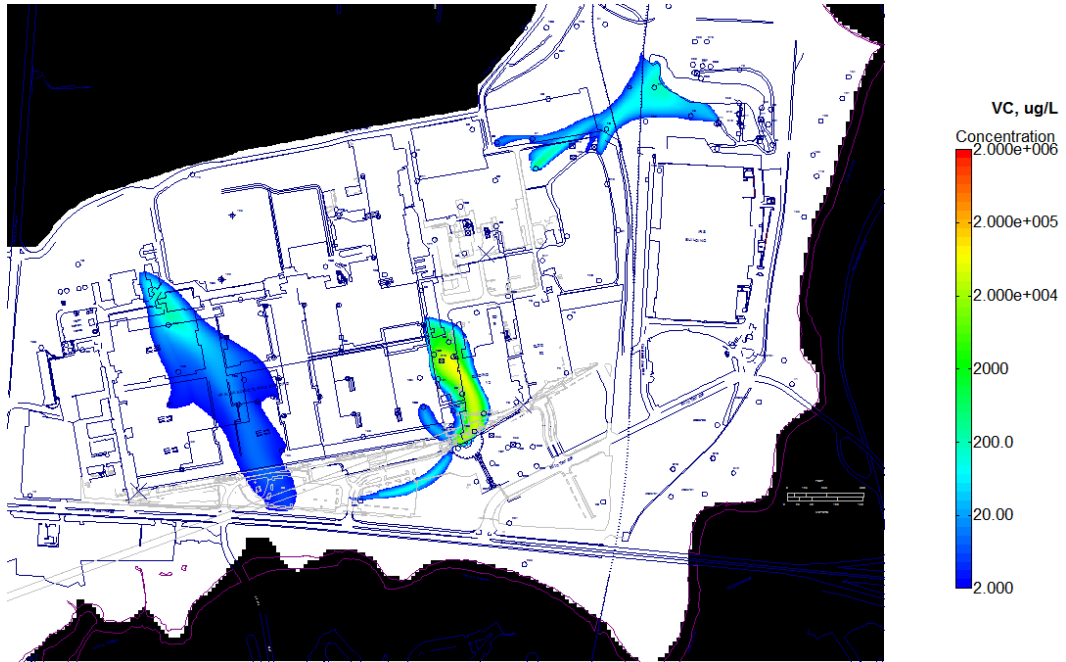


Future Conditions: VC, Year 5, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

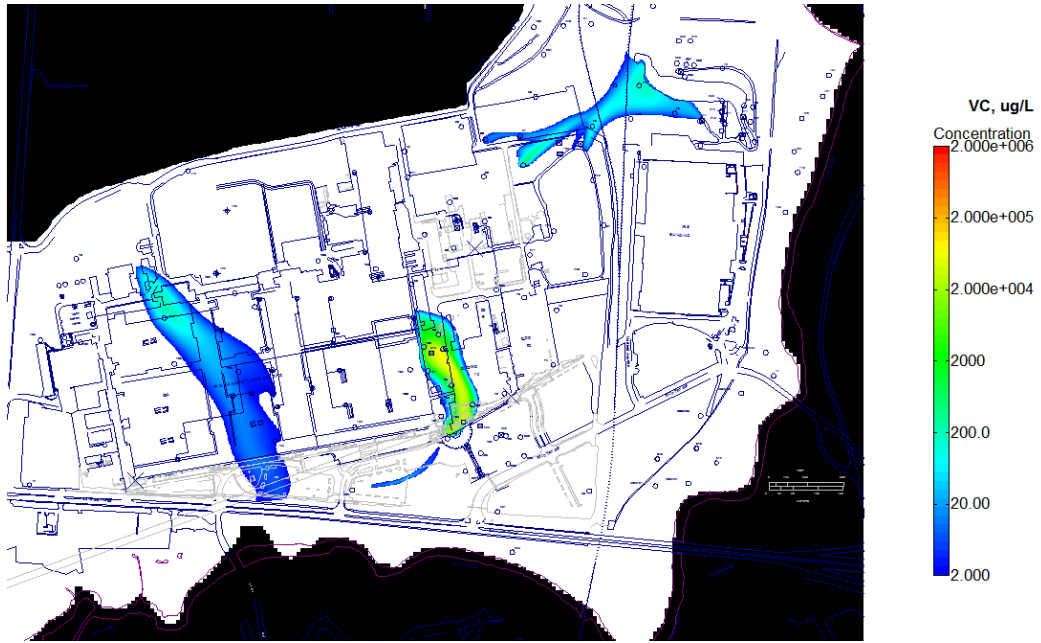


Future Conditions: VC, Year 10, source active

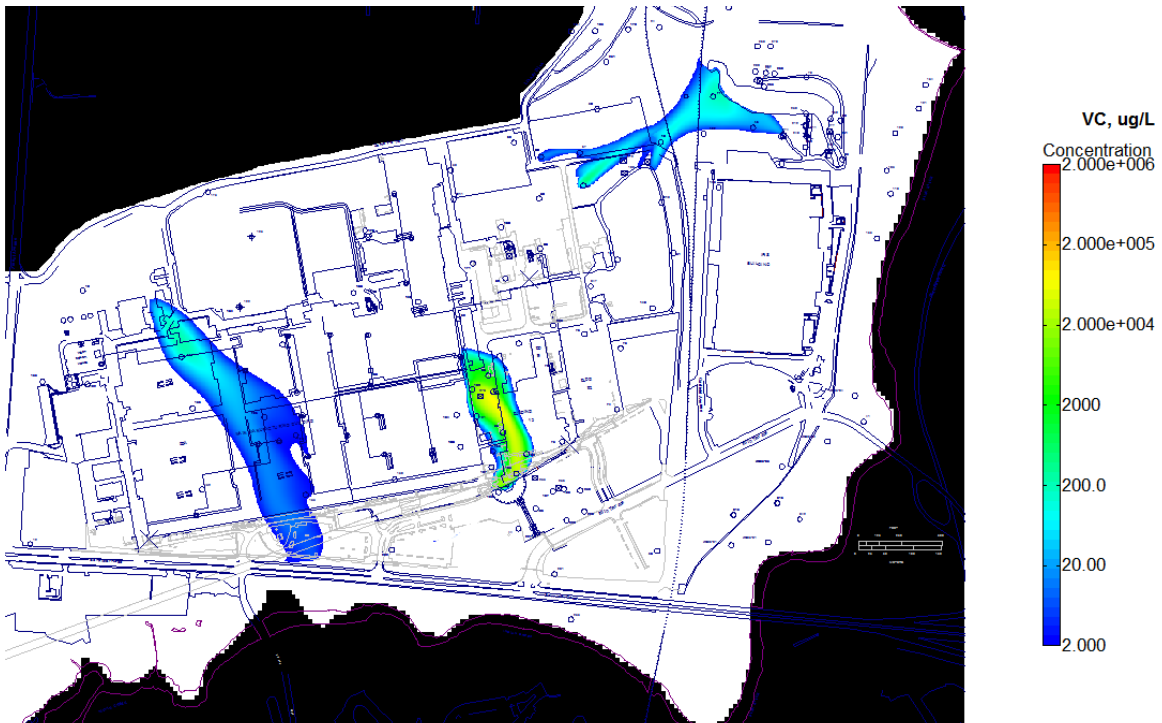


Future Conditions: VC, Year 20, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

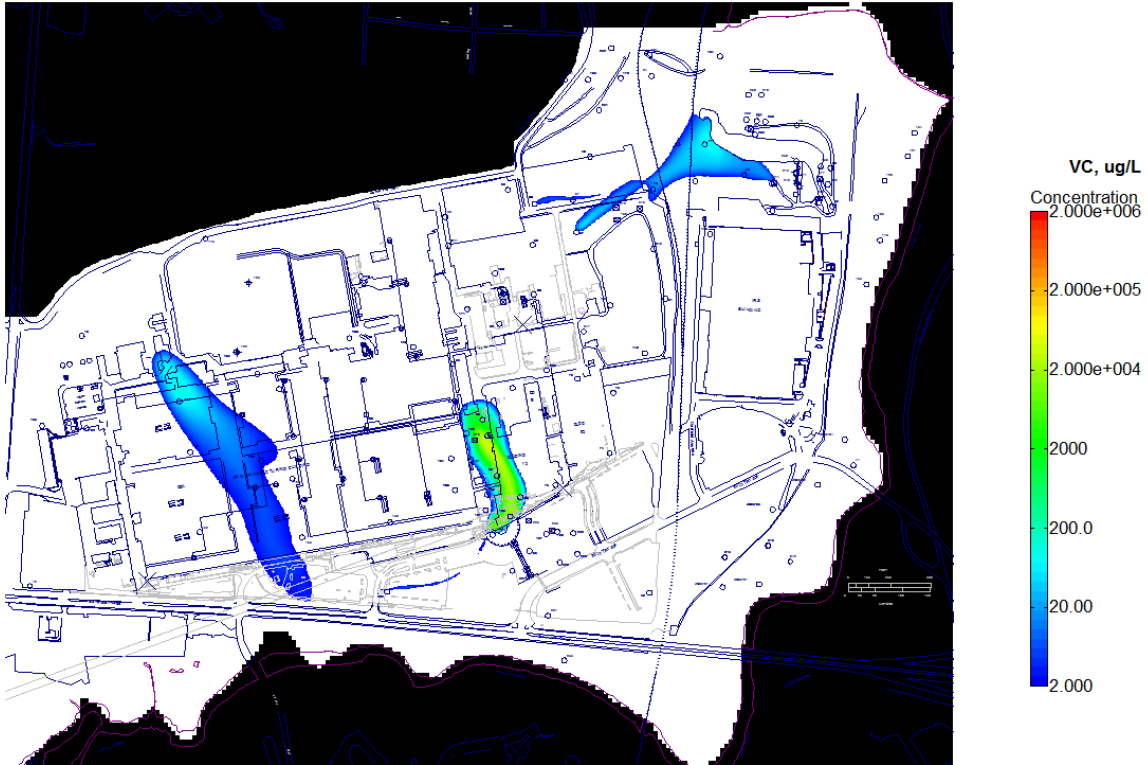


Future Conditions: VC, Year 30, source active



Future Conditions: VC, Year 31 to 63, source active

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



Future Conditions: VC, Year 64, 1 year after complete source dilution



Future Conditions: VC, Year 65, 2 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



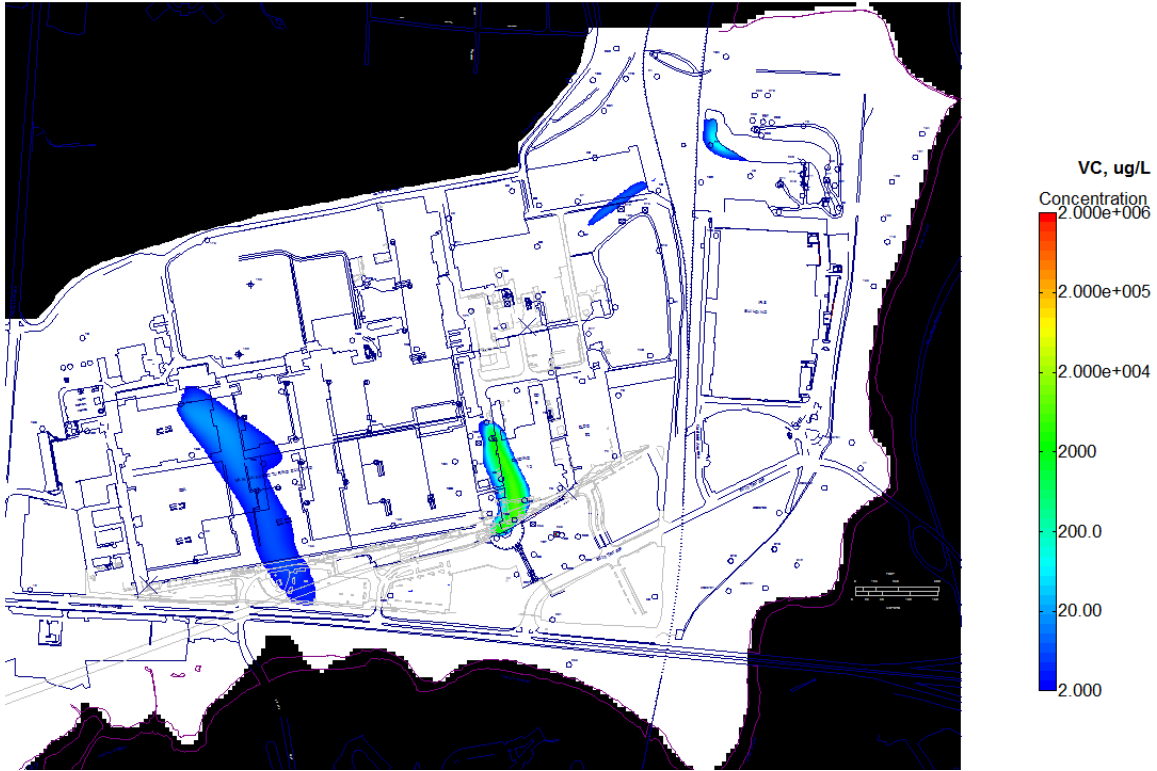
Future Conditions: VC, Year 66, 3 years after complete source dilution



Future Conditions: VC, Year 67, 4 years after complete source dilution

Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction





Future Conditions: VC, Year 68, 5 years after complete source dilution



Future Conditions: VC, Year 73, 10 years after complete source dilution  
Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction



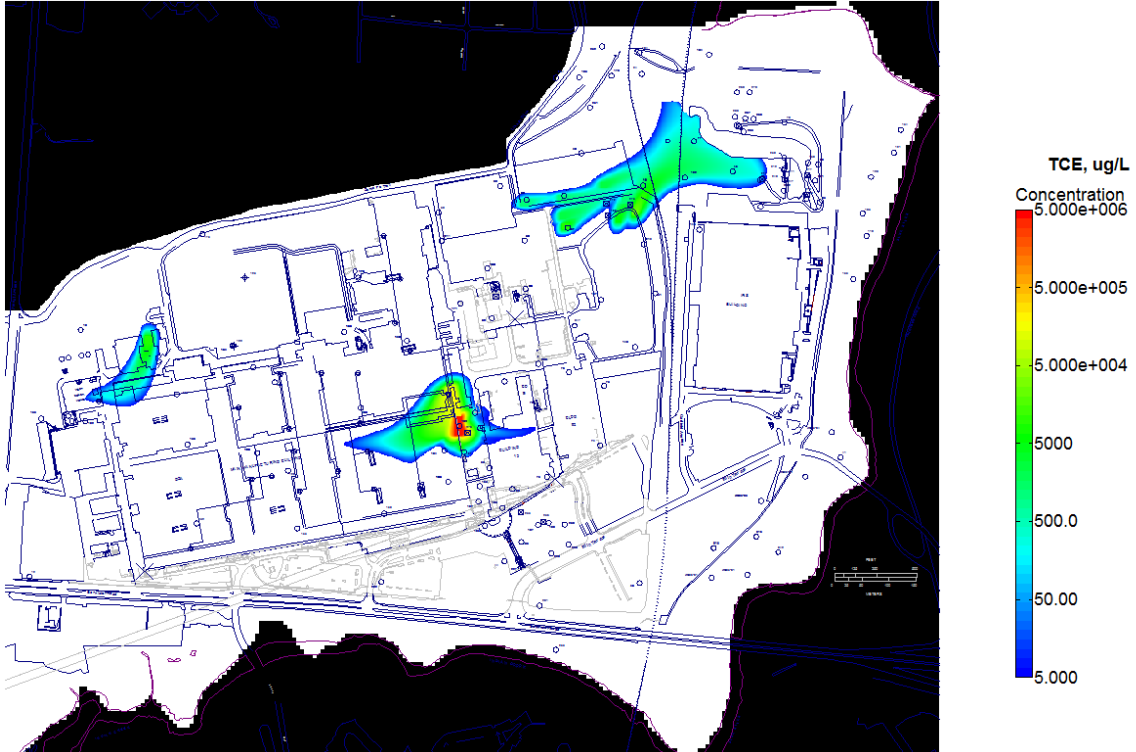


Future Conditions: VC, Year 83, 20 years after complete source dilution

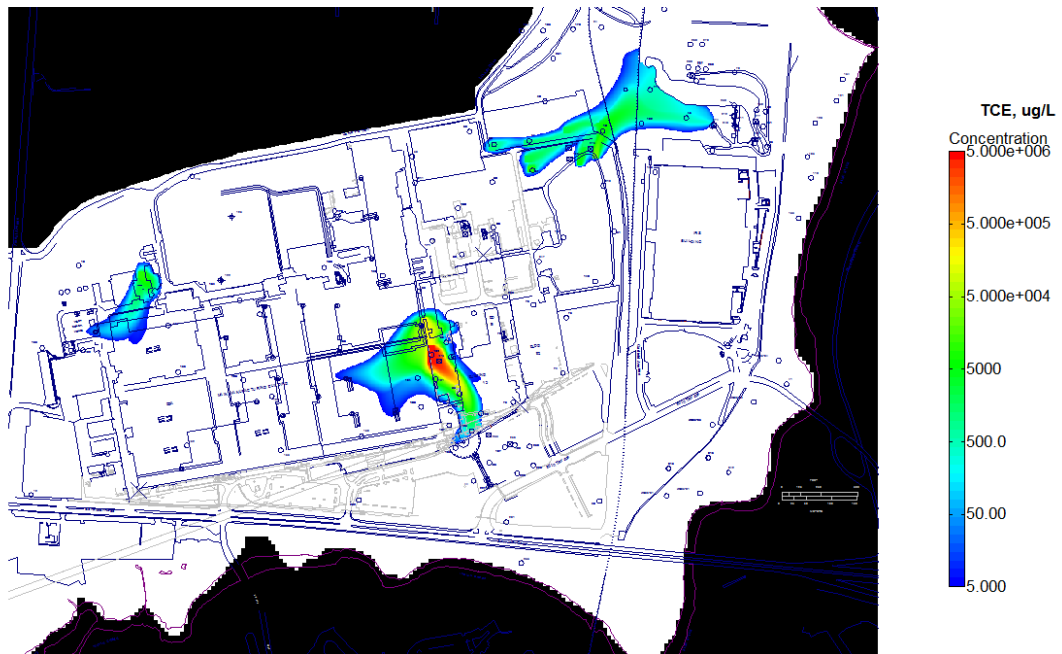


Future Conditions: VC, Year 93, 30 years after complete source dilution  
Future Conditions, 0% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 46: Plumes – TCE, Future Conditions, 0% Source  
Concentration Reduction, 95% Source Duration Reduction**

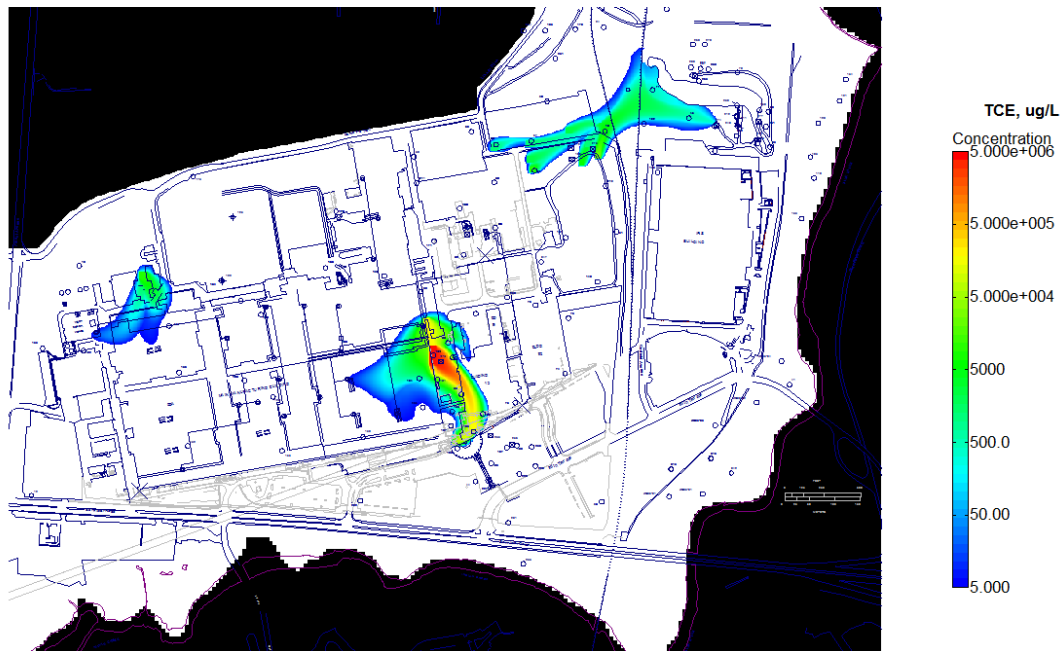


Future Conditions: Initial TCE Concentrations

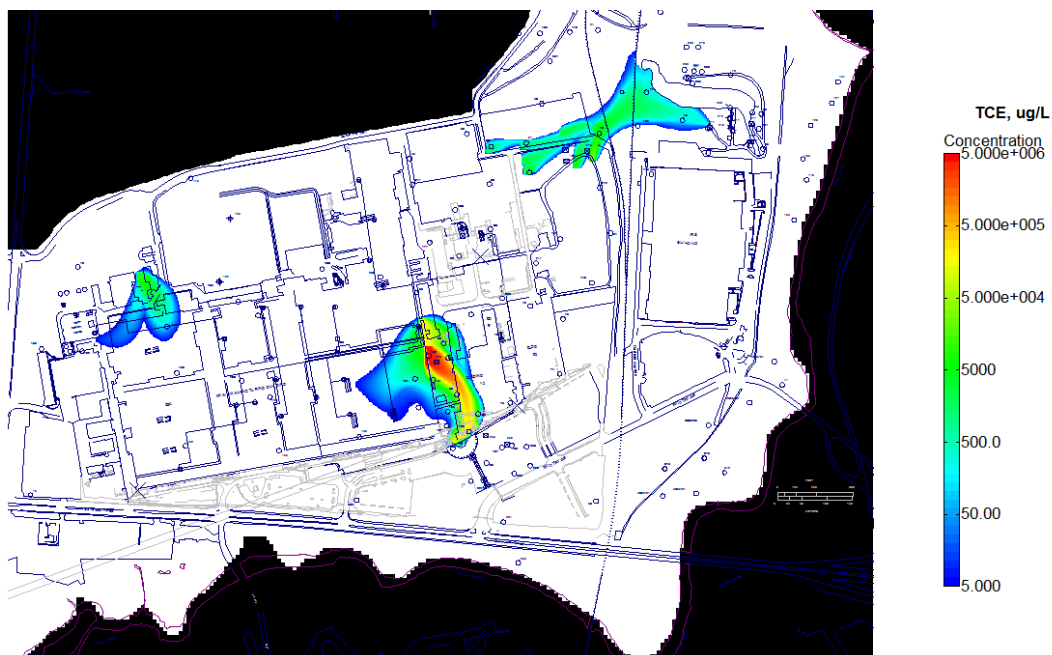


Future Conditions: TCE, Years 1, 1 year after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

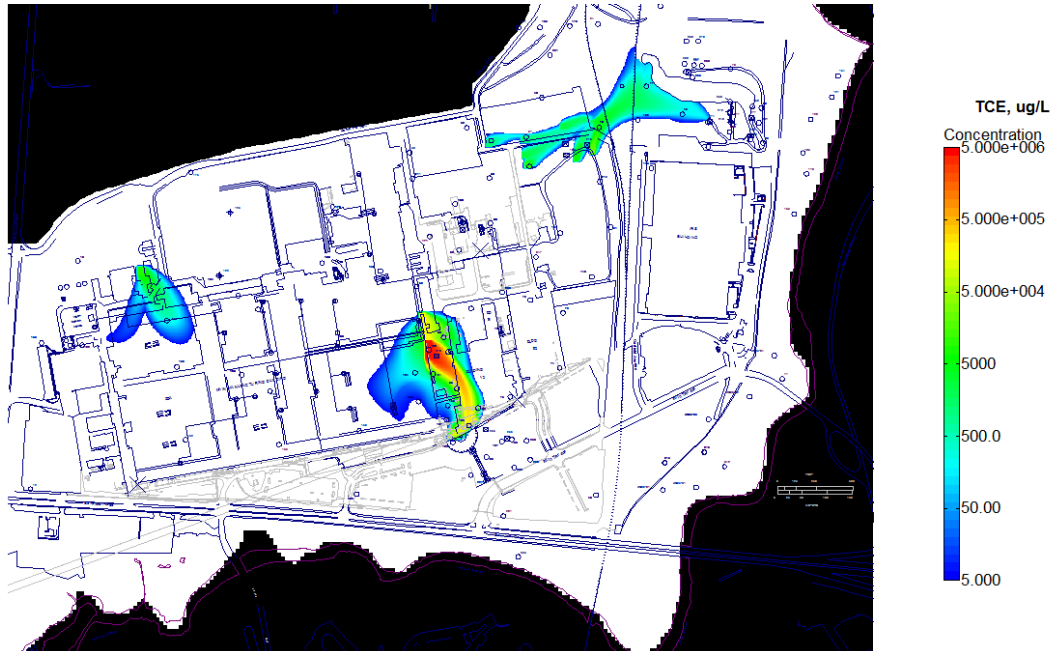


Future Conditions: TCE, Year 2, 2 years after source remediation

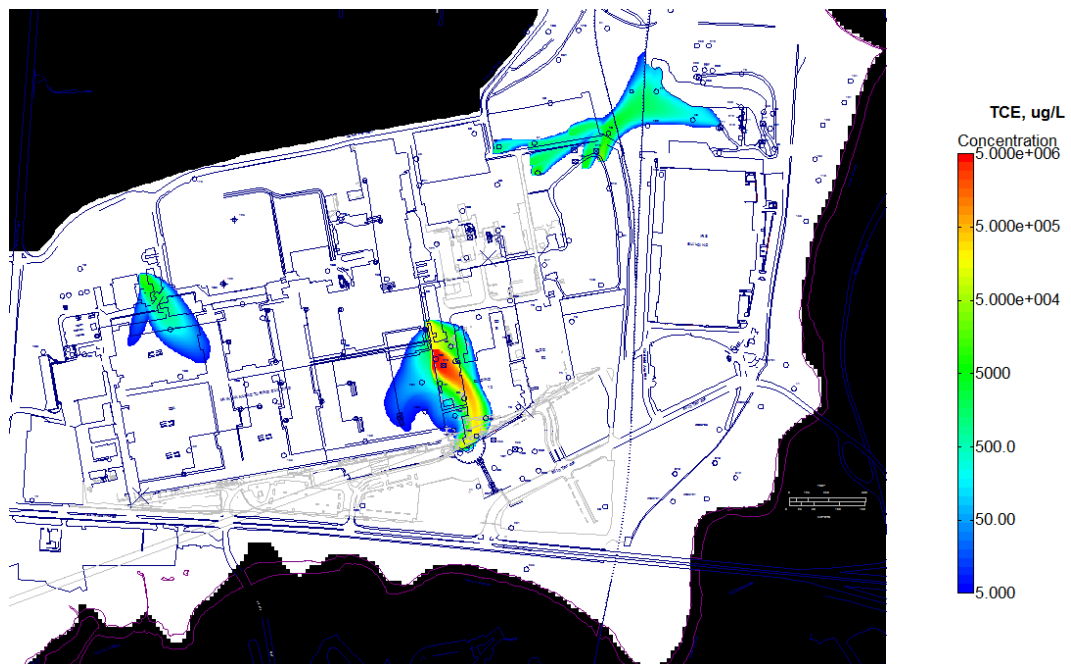


Future Conditions: TCE, Year 3, 3 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

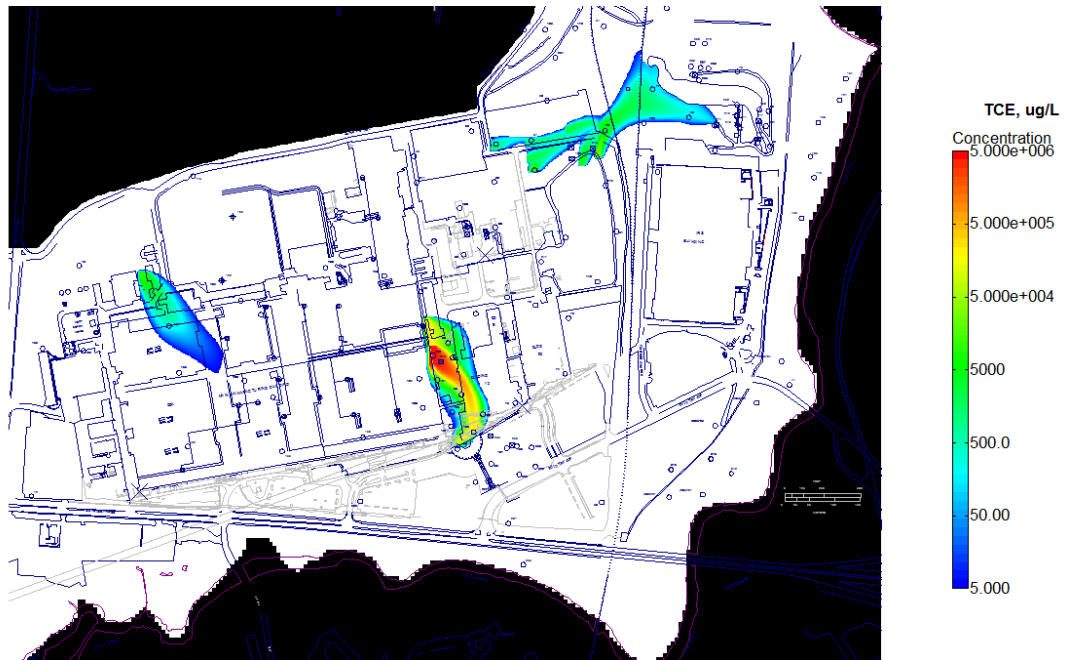


Future Conditions: TCE, Year 4, 4 years after source remediation



Future Conditions: TCE, Year 5, 5 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: TCE, Year 10, years after source remediation



Future Conditions: TCE, Year 13, 13 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: TCE, Year 14, 14 years after source remediation



Future Conditions: TCE, Year 15, 15 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction





Future Conditions: TCE, Year 16, 16 years after source remediation



Future Conditions: TCE, Year 17, 17 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



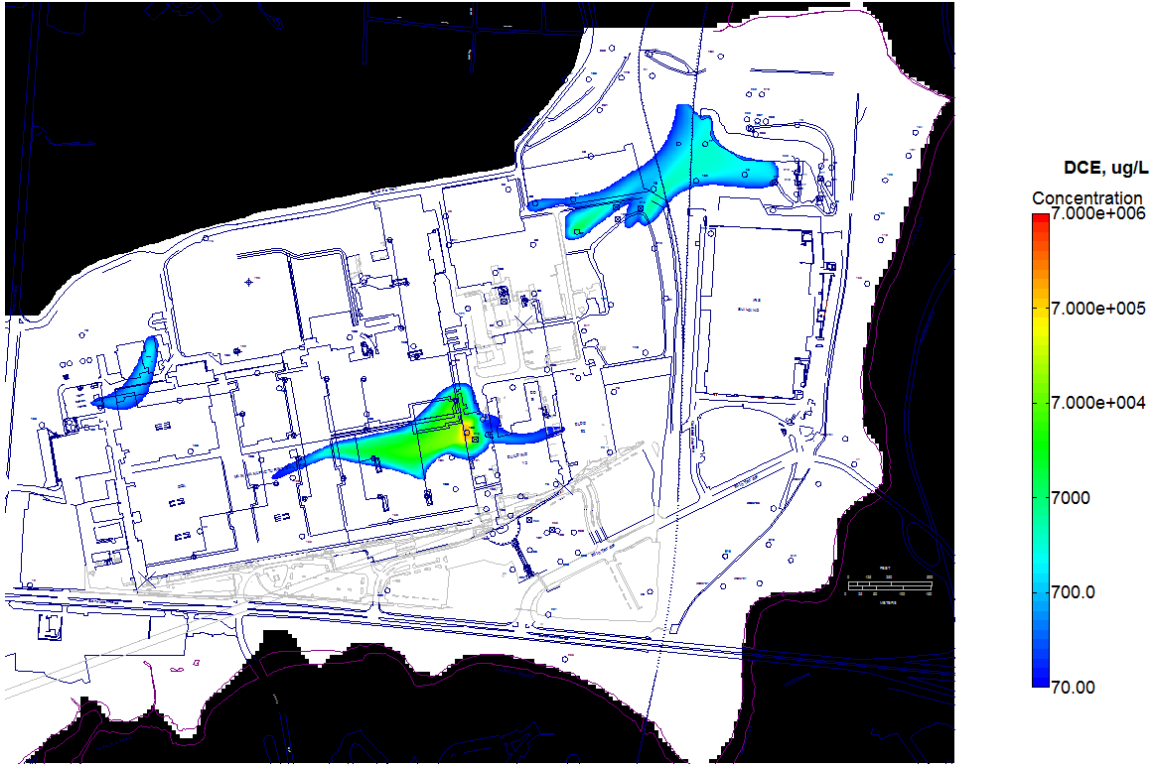
Future Conditions: TCE, Year 18, 18 years after source remediation



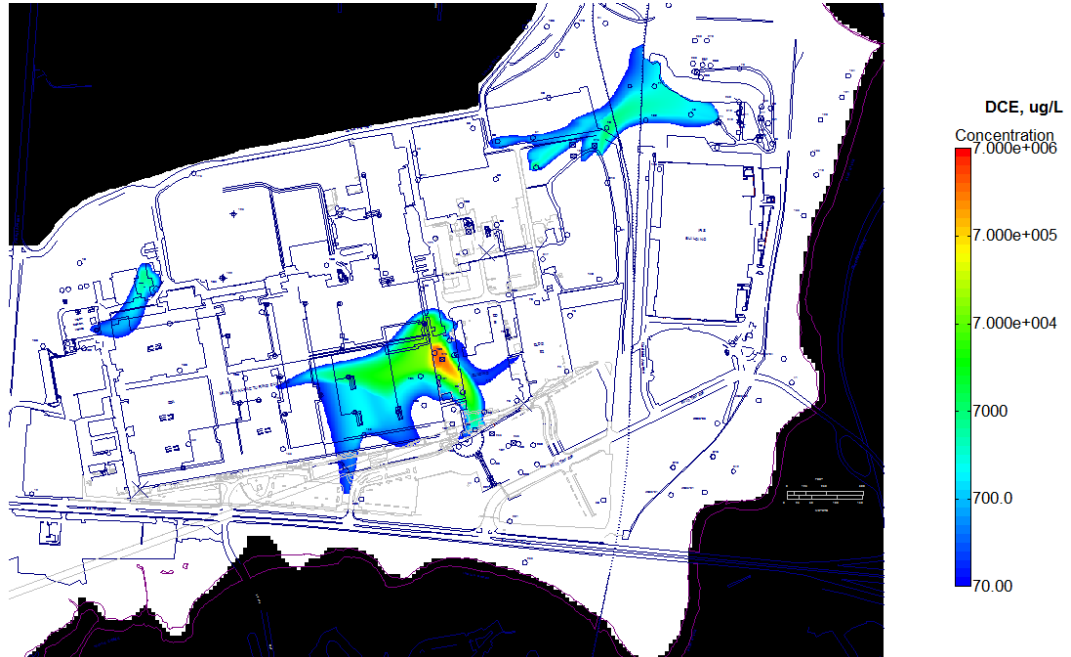
Future Conditions: TCE, Year 23, 23 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

**Appendix 47: Plumes – DCE, Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction**

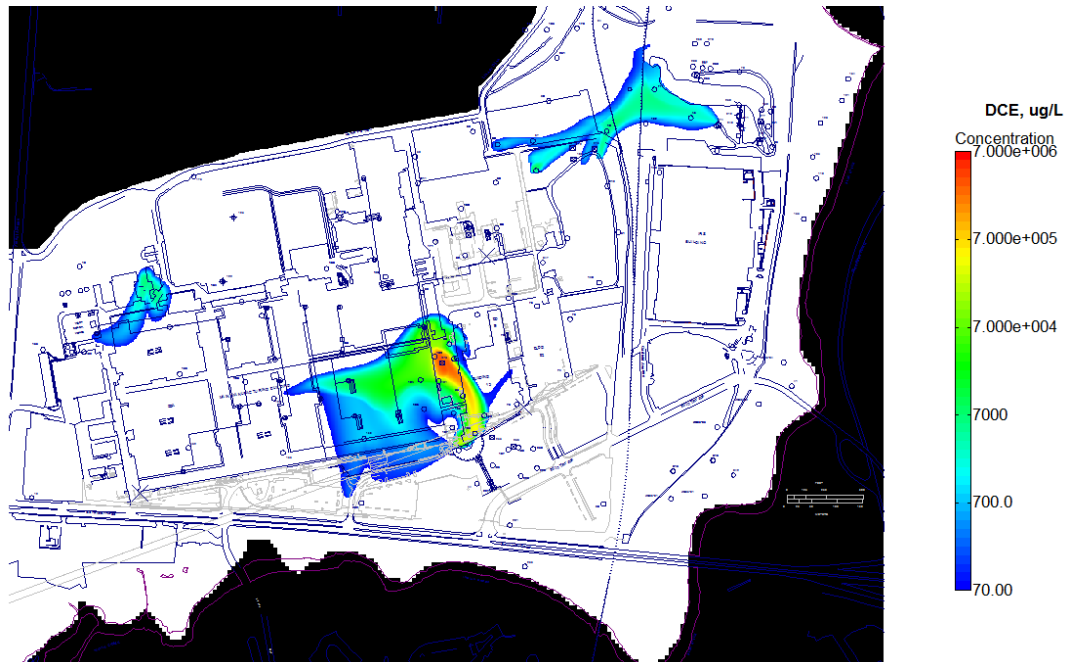


Future Conditions: Initial DCE Concentrations

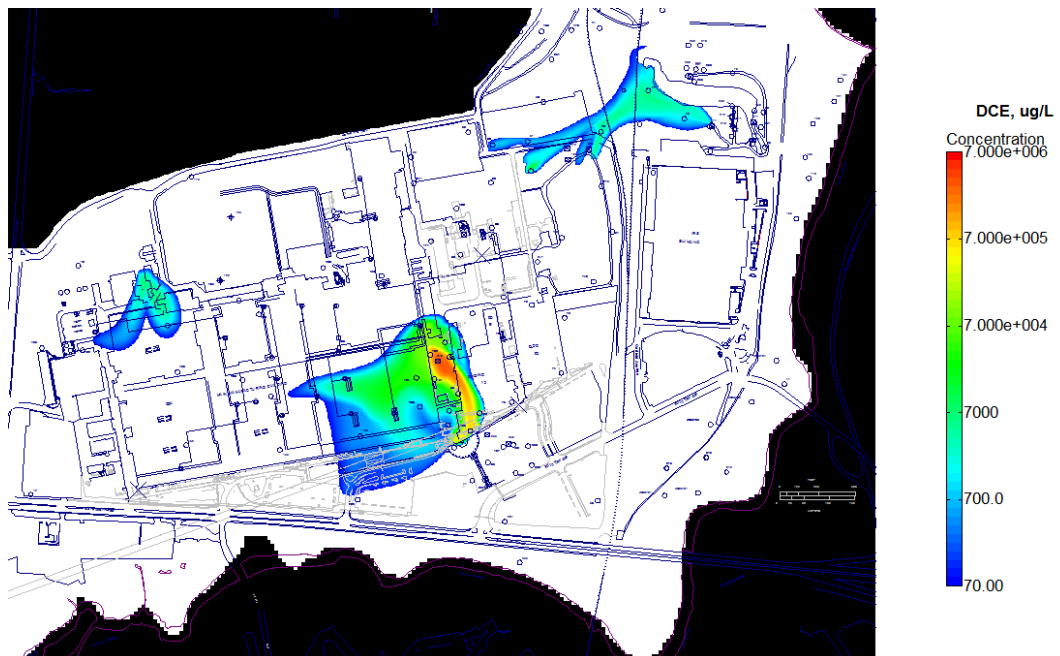


Future Conditions: DCE, Year 1, 1 year after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

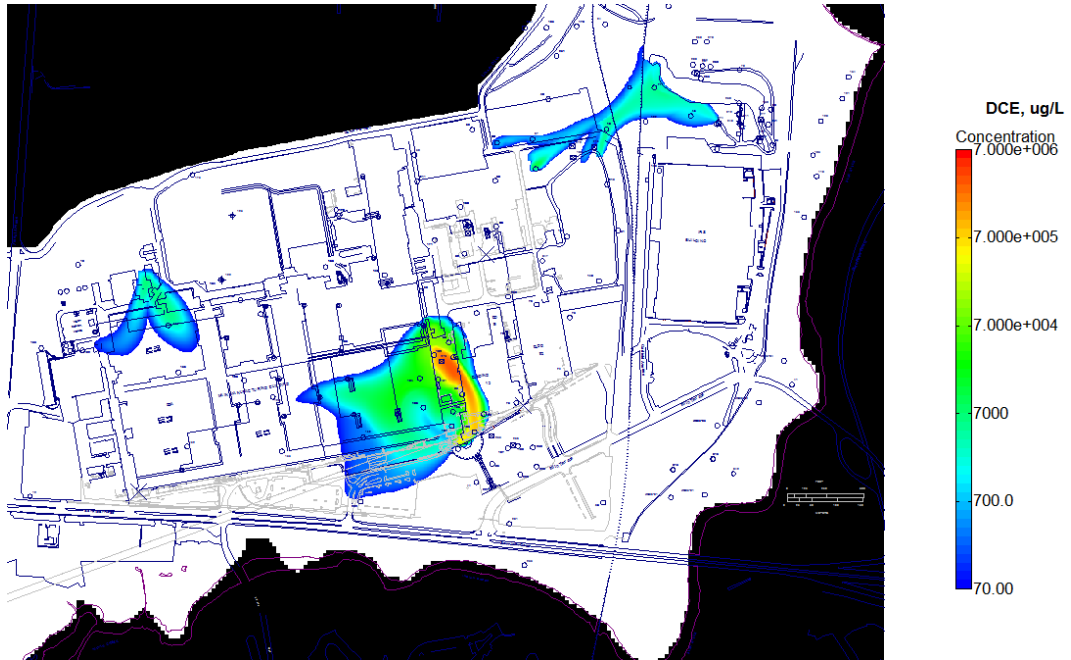


Future Conditions: DCE, Year 2, 2 years after source remediation

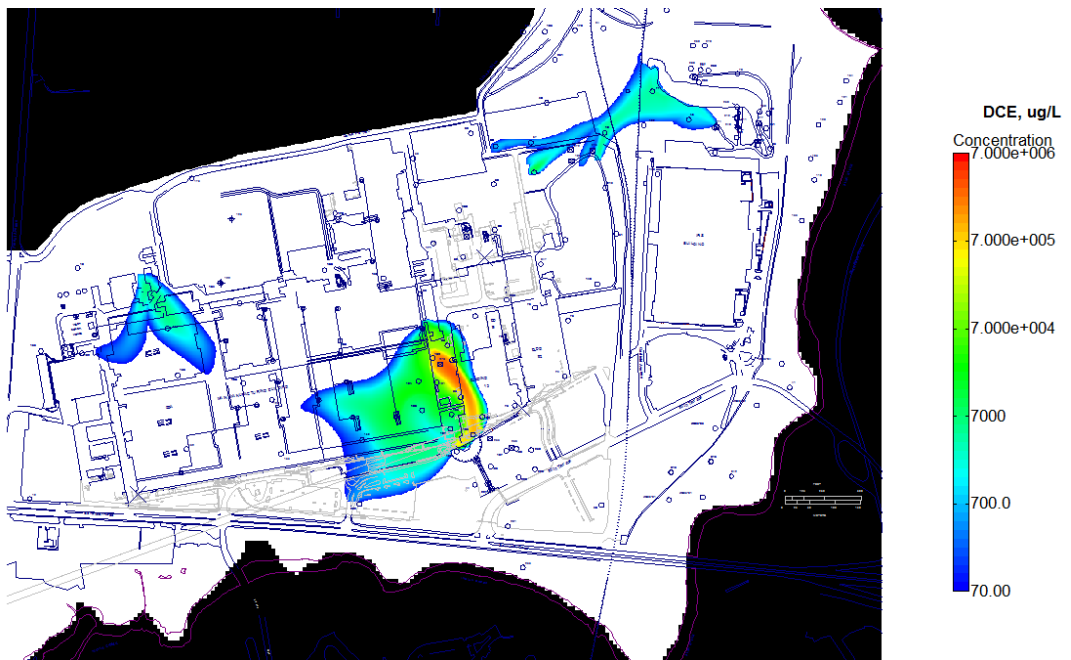


Future Conditions: DCE, Year 3, 3 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

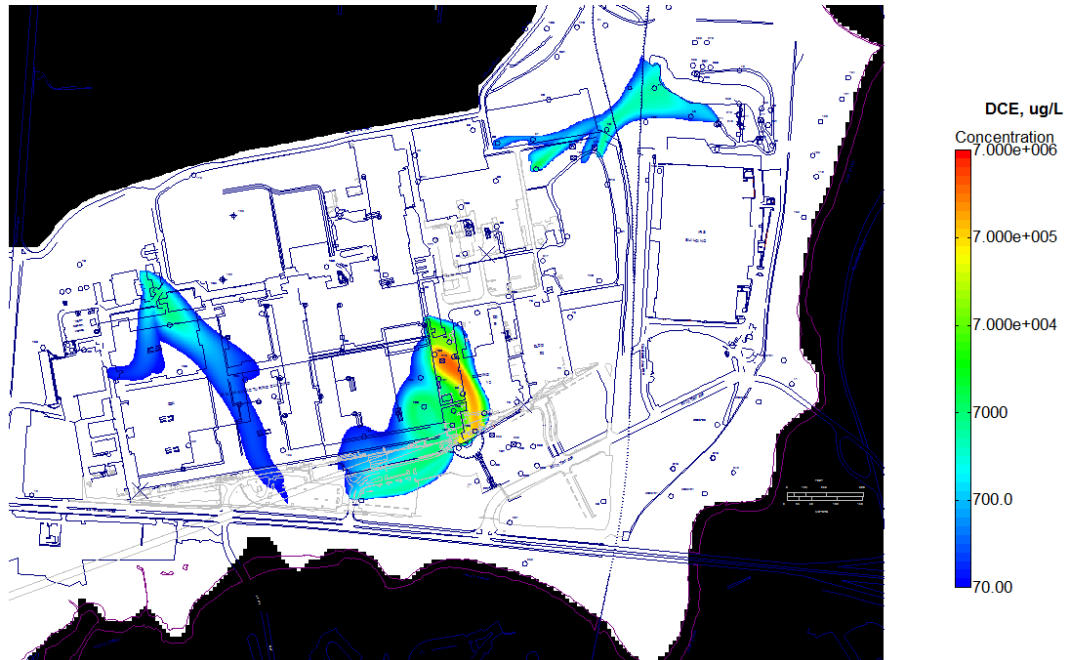


Future Conditions: DCE, Year 4, 4 years after source remediation



Future Conditions: DCE, Year 5, 5 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: DCE, Year 10, 10 years after source remediation



Future Conditions: DCE, Year 13, 13 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction





Future Conditions: DCE, Year 14, 14 years after source remediation



Future Conditions: DCE, Year 15, 15 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: DCE, Year 16, 16 years after source remediation



Future Conditions: DCE, Year 17, 17 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: DCE, Year 23, 23 years after source remediation



Future Conditions: DCE, Year 33, 33 years after source remediation

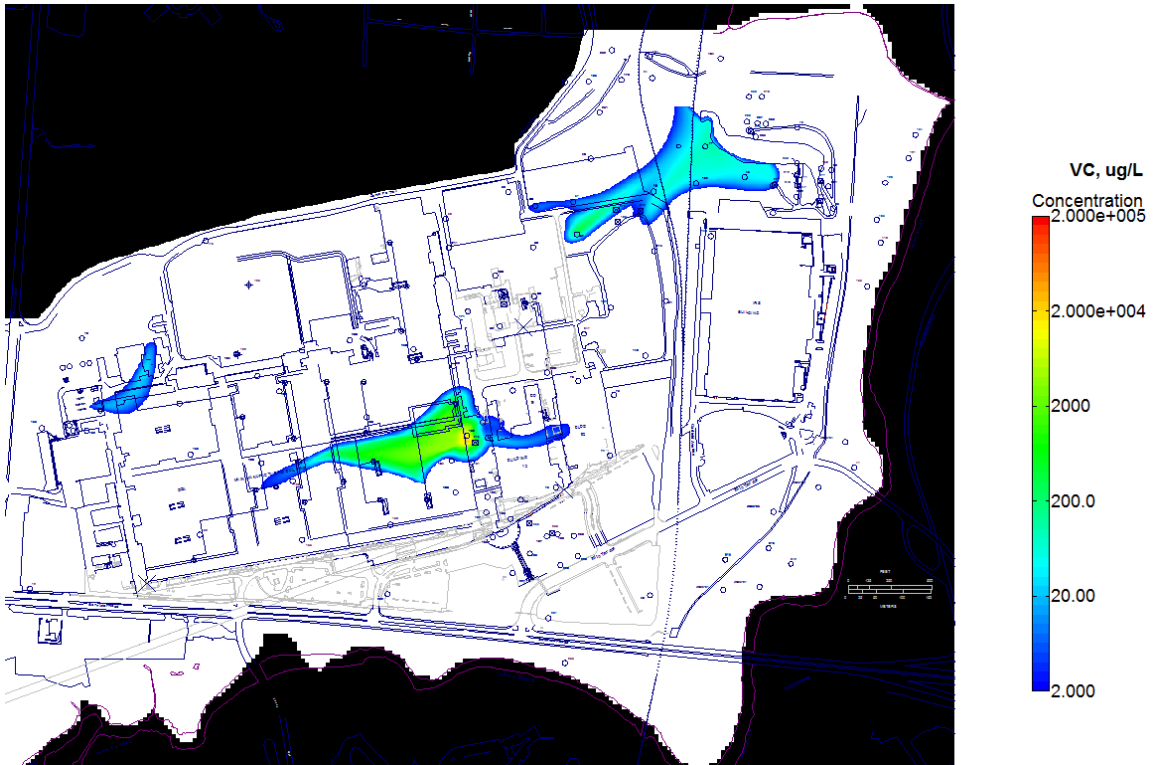
Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



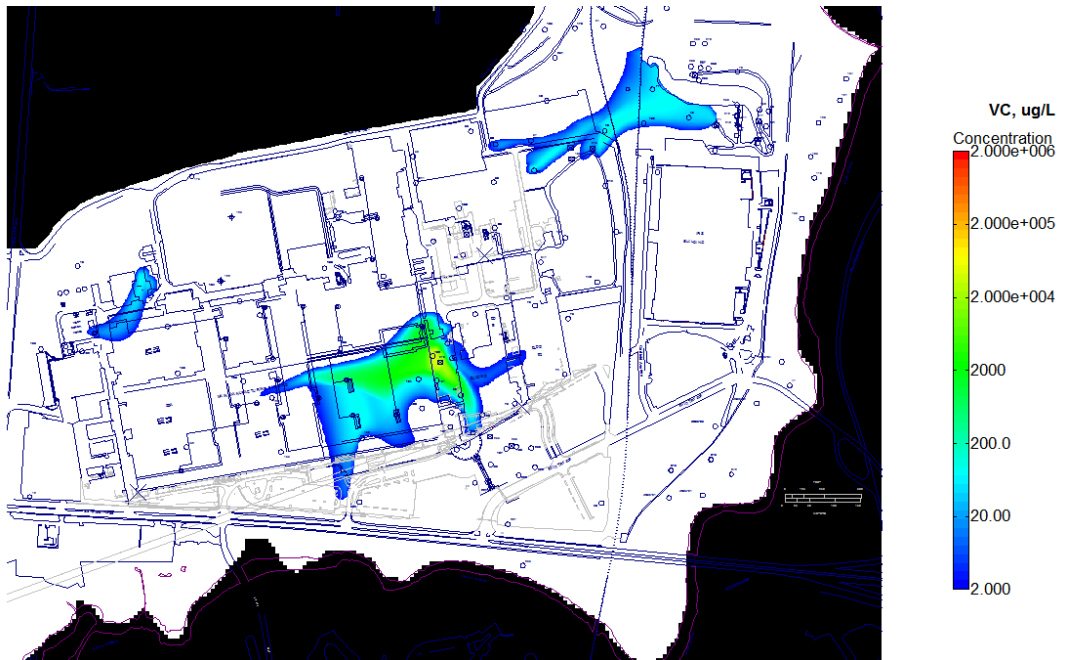
Future Conditions: DCE, Year 43, 43 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

**Appendix 48: Plumes – VC, Future Conditions, 0% Source  
Concentration Reduction, 95% Source Duration Reduction**

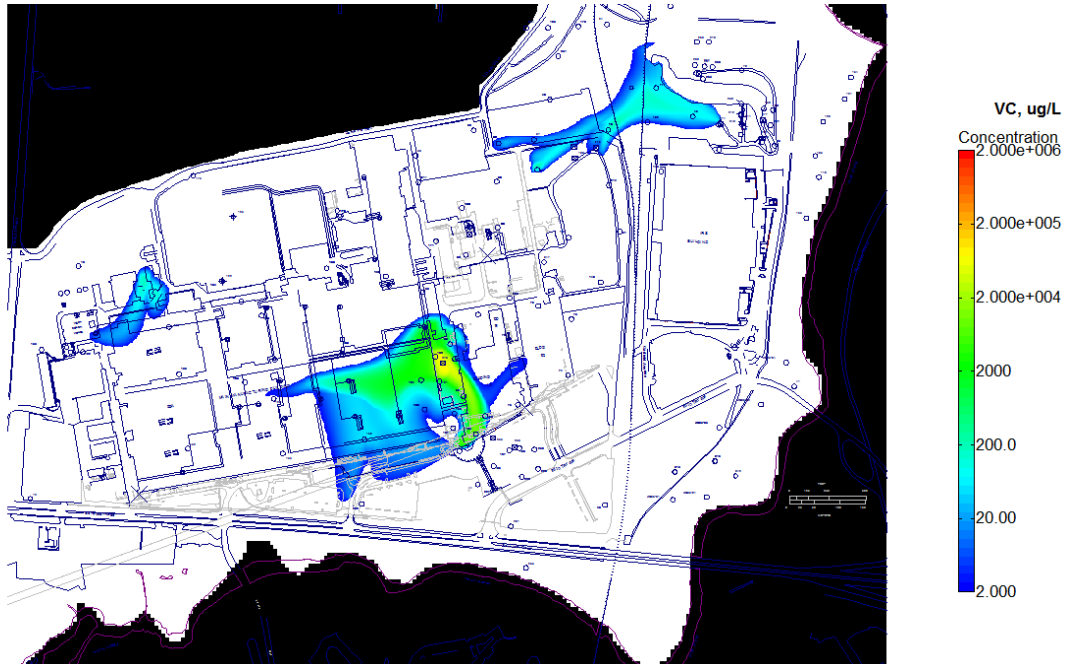


Future Conditions: Initial VC Concentrations

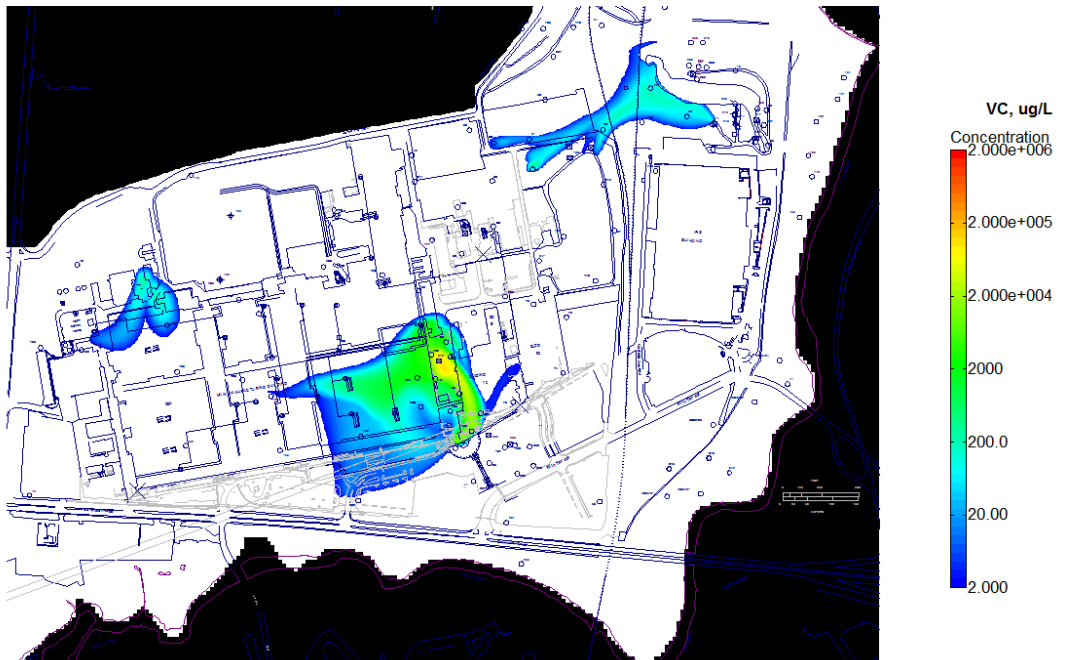


Future Conditions: VC, Year 1, 1 year after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



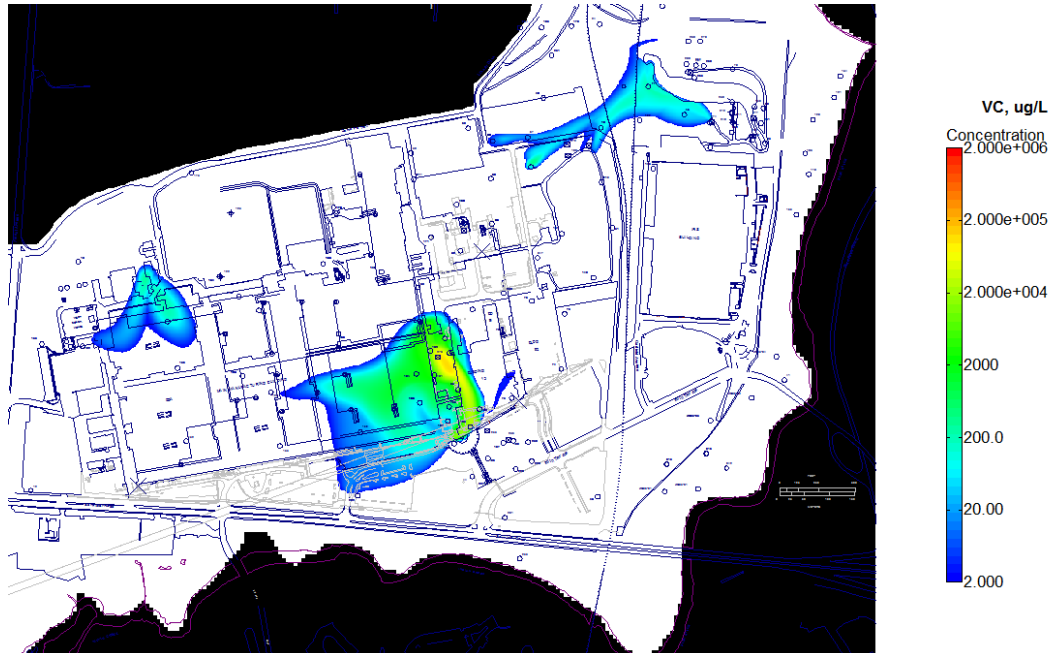
Future Conditions: VC, Year 2, 2 years after source remediation



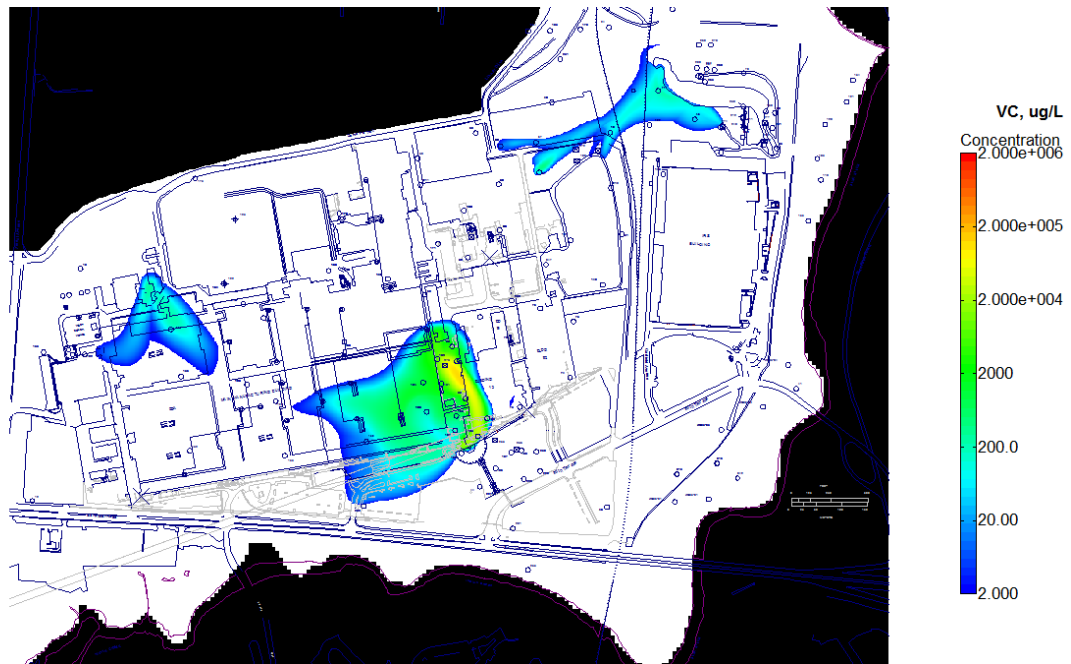
Future Conditions: VC, Year 3, 3 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



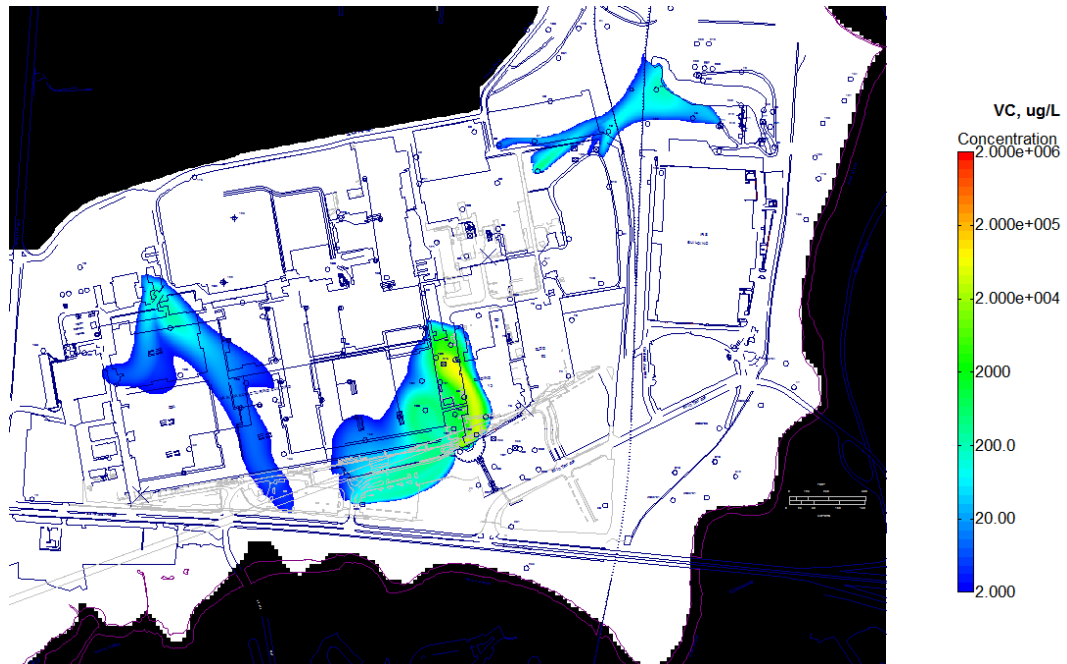


Future Conditions: VC, Year 4, 4 years after source remediation



Future Conditions: VC, Year 5, 5 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: VC, Year 10, 10 years after source remediation



Future Conditions: VC, Year 13, 13 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: VC, Year 14, 14 years after source remediation



Future Conditions: VC, Year 15, 15 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: VC, Year 16, 16 years after source remediation



Future Conditions: VC, Year 17, 17 years after source remediation  
 Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: VC, Year 23, 23 years after source remediation



Future Conditions: VC, Year 33, 33 years after source remediation

Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

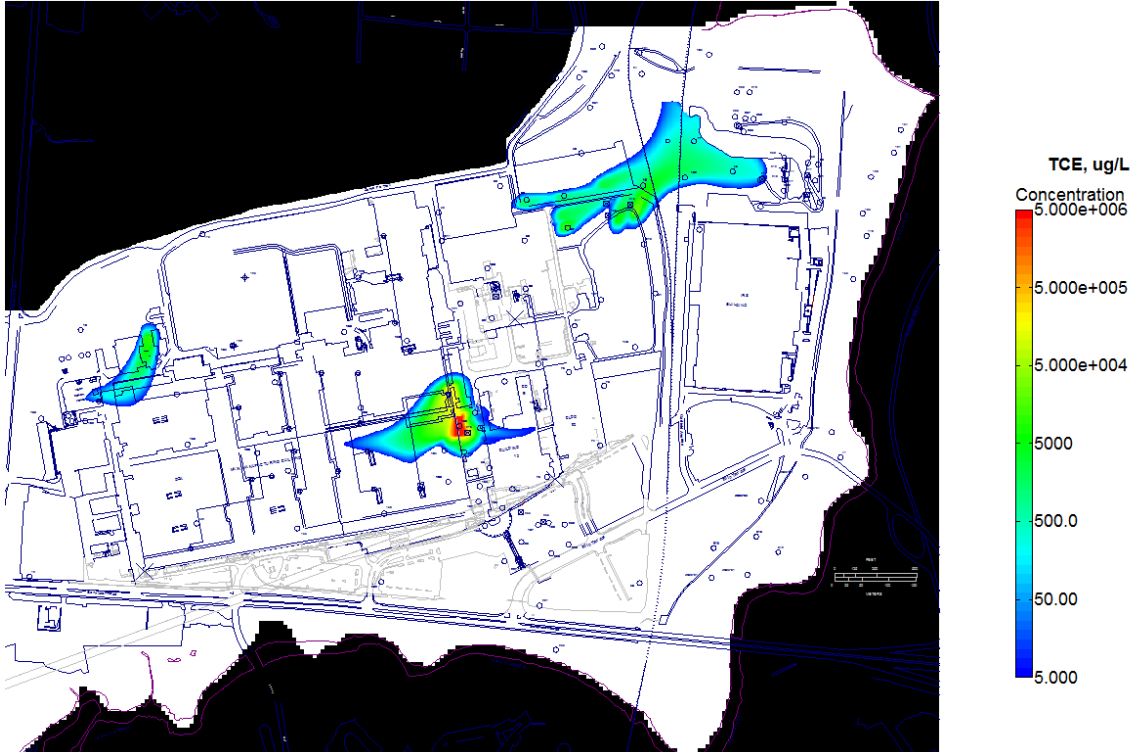


Future Conditions: VC, Year 43, 43 years after source remediation

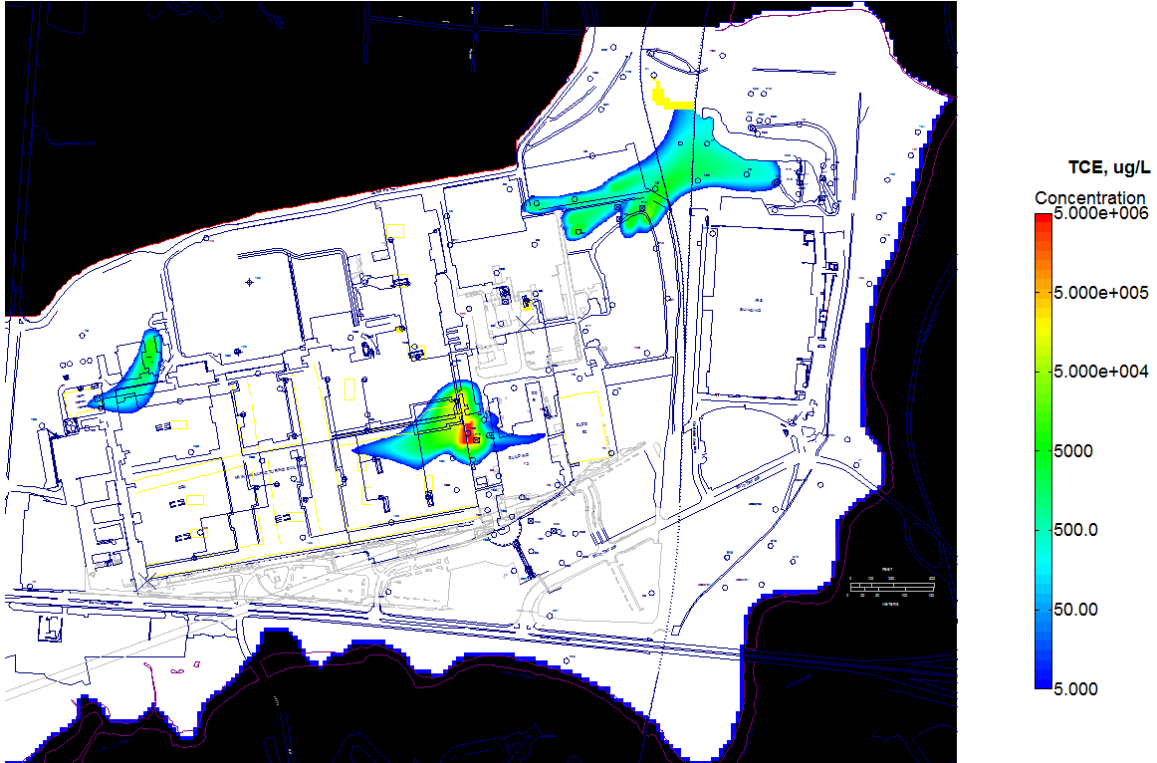
Future Conditions, 0% Source Concentration Reduction, 95% Source Duration Reduction

**Appendix 49: Plumes – TCE, Current Conditions, 50% Source  
Concentration Reduction, 50% Source Concentration  
Reduction**



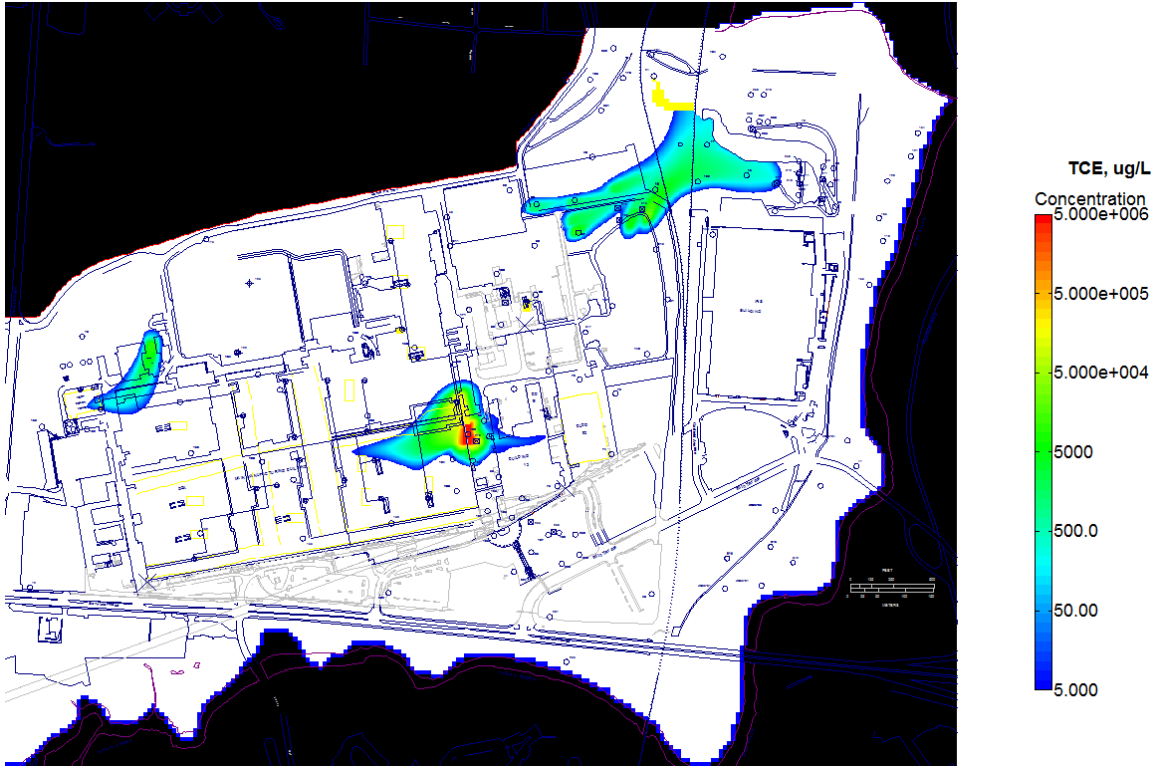


Current Conditions: Initial TCE Concentrations

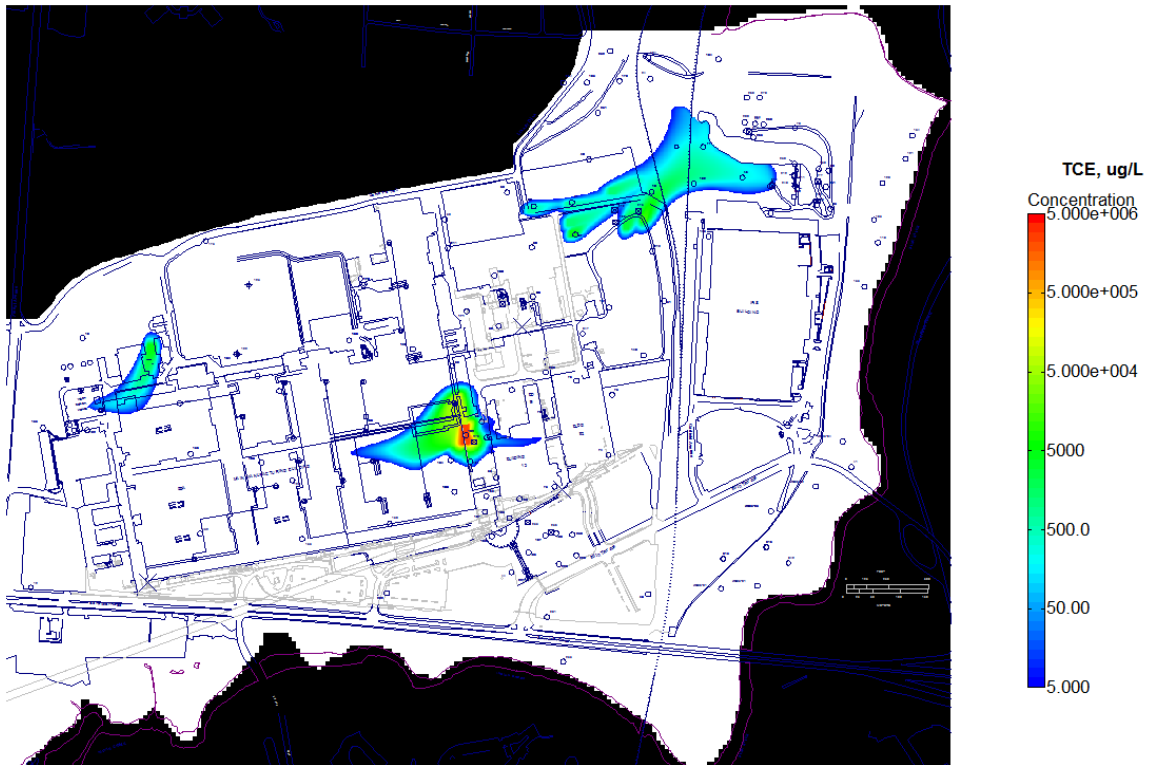


Current Conditions: TCE, Year 1, 1 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

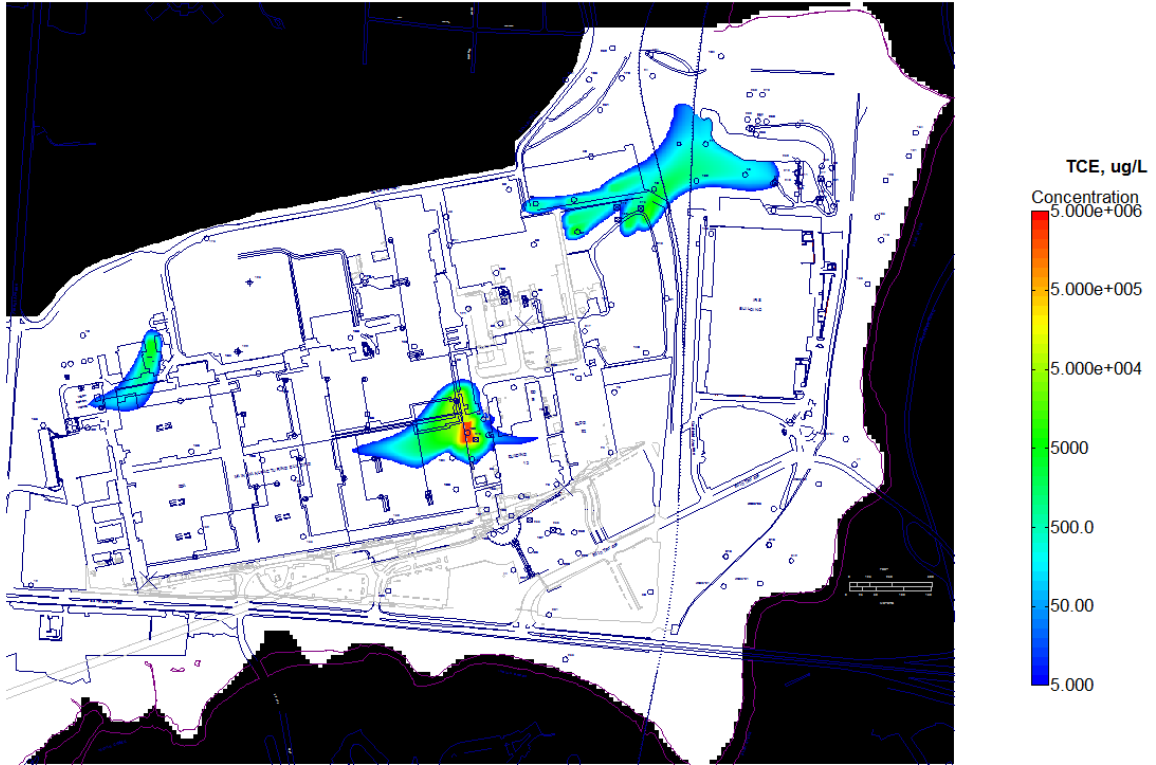


Current Conditions: TCE, Year 2, 2 year after source remediation

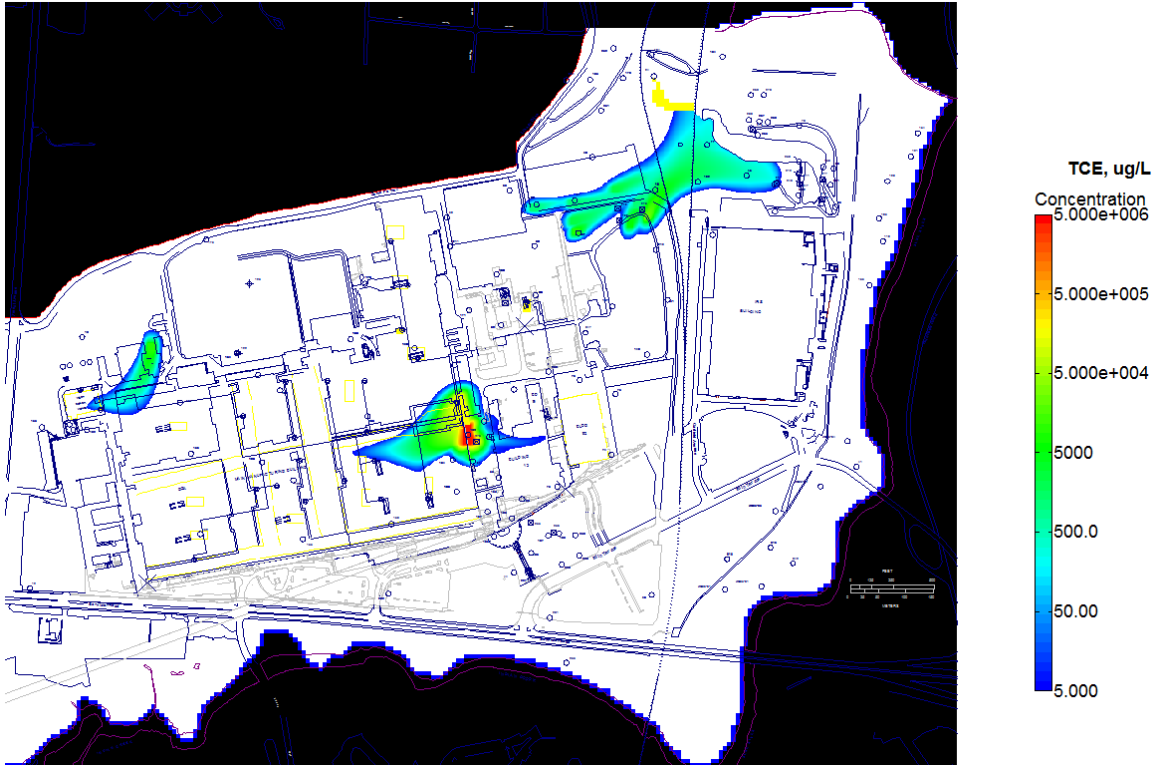


Current Conditions: TCE, Year 3, 3 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

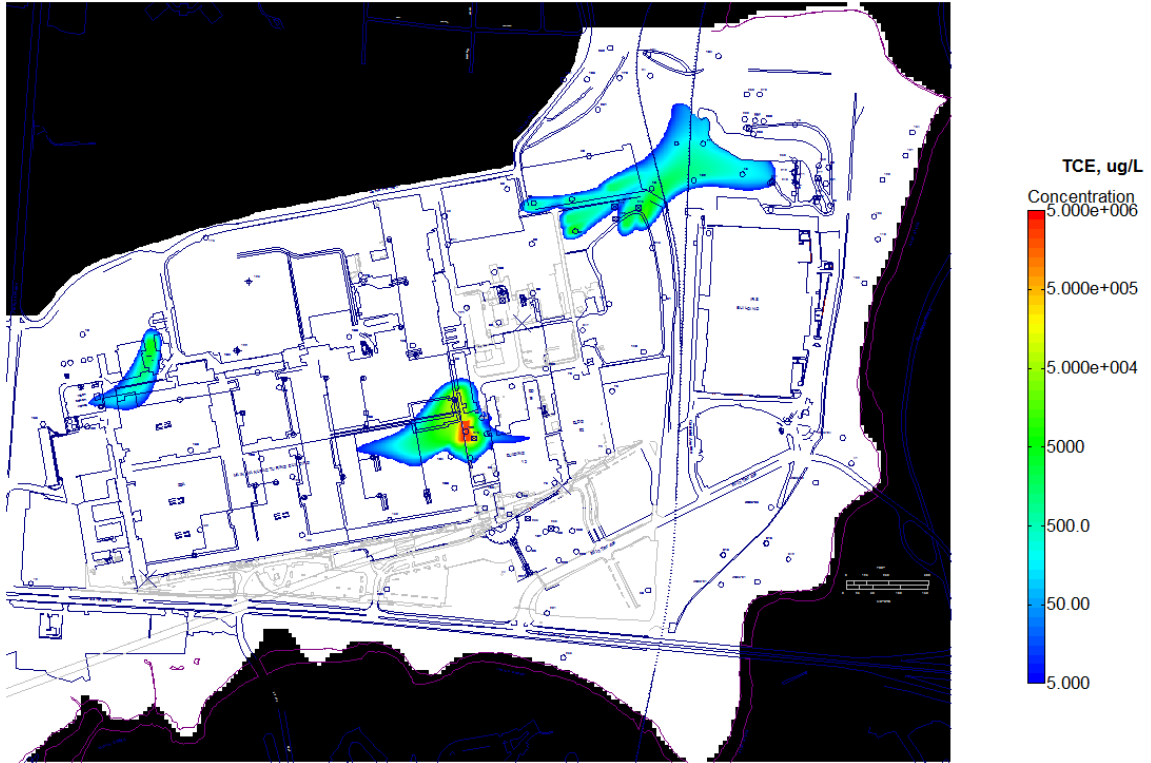


Current Conditions: TCE, Year 4, 4 year after source remediation



Current Conditions: TCE, Year 5, 5 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: TCE, Year 6 to 125, source concentration stable



Current Conditions: TCE, Year 126, 126 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: TCE, Year 127, 127 year after source remediation



Current Conditions: TCE, Year 128, 128 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: TCE, Year 129, 129 year after source remediation



Current Conditions: TCE, Year 130, 130 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction





Current Conditions: TCE, Year 131, 131 year after source remediation



Current Conditions: TCE, Year 132, 132 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction





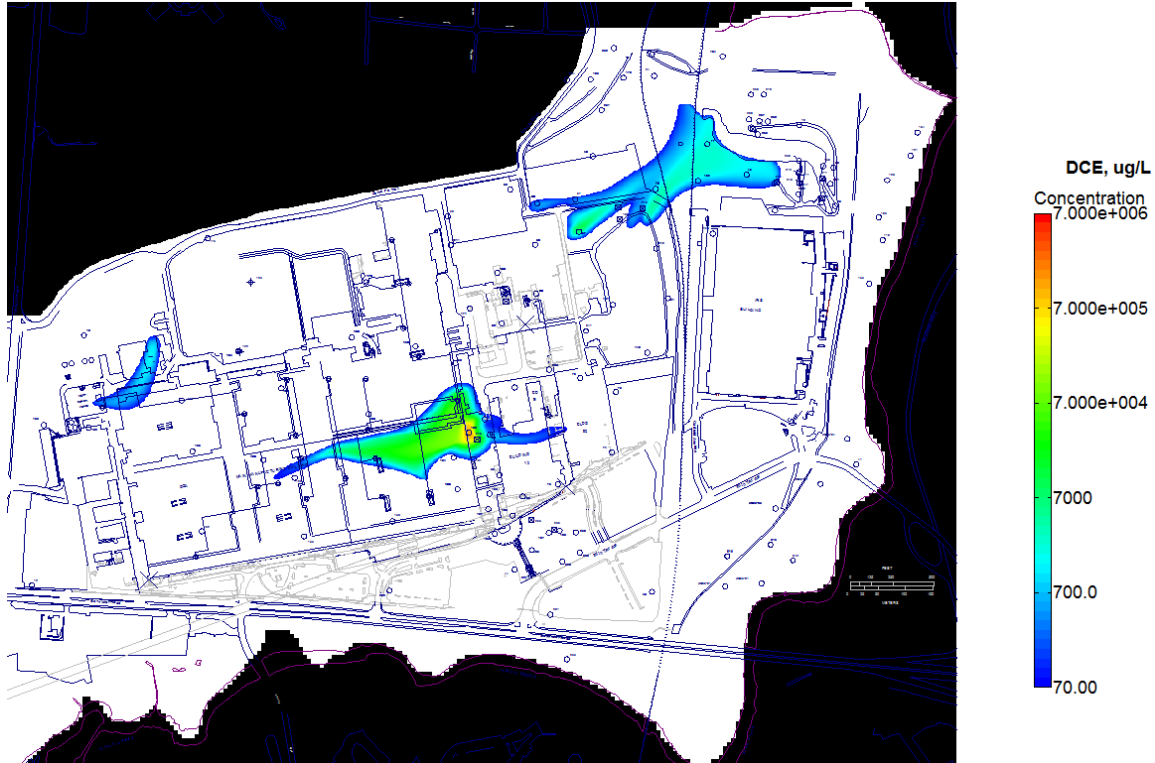
Current Conditions: TCE, Year 133, 133 year after source remediation



Current Conditions: TCE, Year 134, 134 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

**Appendix 50: Plumes – DCE, Current Conditions, 50% Source  
Concentration Reduction, 50% Source Concentration  
Reduction**



Current Conditions: Initial DCE Concentrations



Current Conditions: DCE, Year 1, 1 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: DCE, Year 2, 2 years after source remediation



Current Conditions: DCE, Year 3, 3 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: DCE, Year 4, 4 years after source remediation



Current Conditions: DCE, Year 5, 5 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

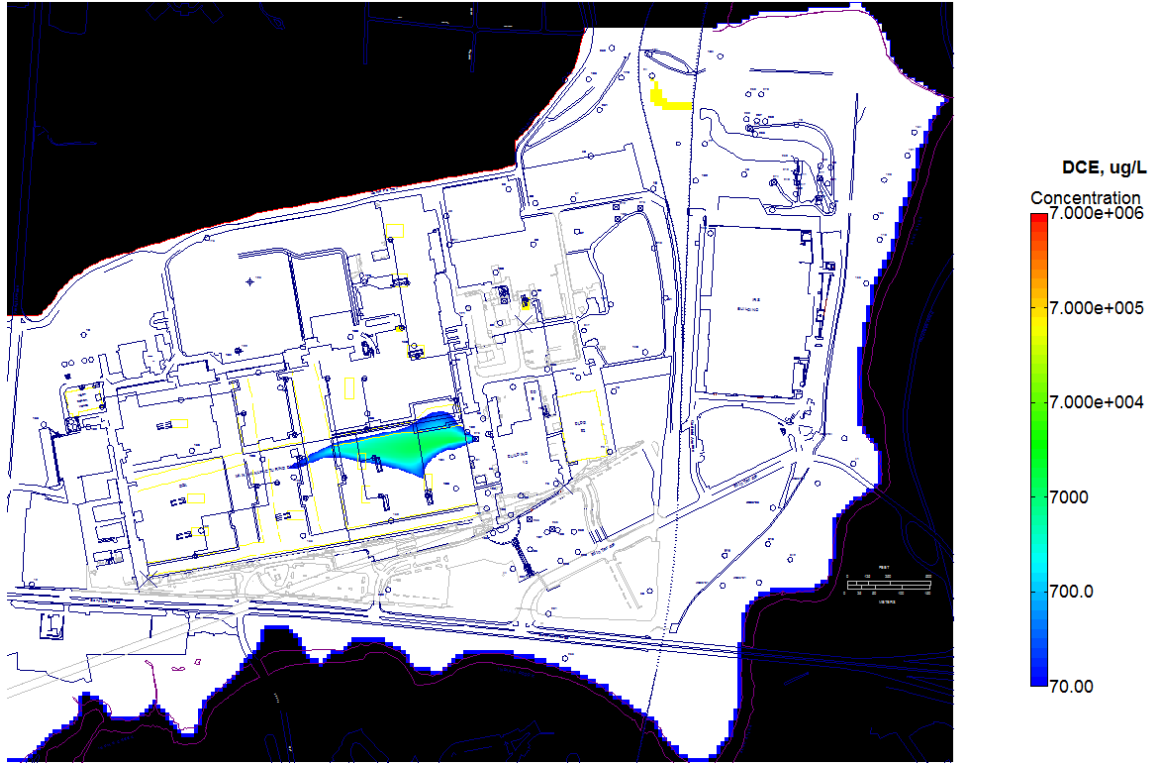


Current Conditions: DCE, Year 6 TO 125, source concentration stable



Current Conditions: DCE, Year 130, 130 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: DCE, Year 135, 135 years after source remediation



Current Conditions: DCE, Year 145, 145 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction





Current Conditions: DCE, Year 155, 155 years after source remediation



Current Conditions: DCE, Year 165, 165 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: DCE, Year 175, 175 years after source remediation



Current Conditions: DCE, Year 185, 185 years after source remediation

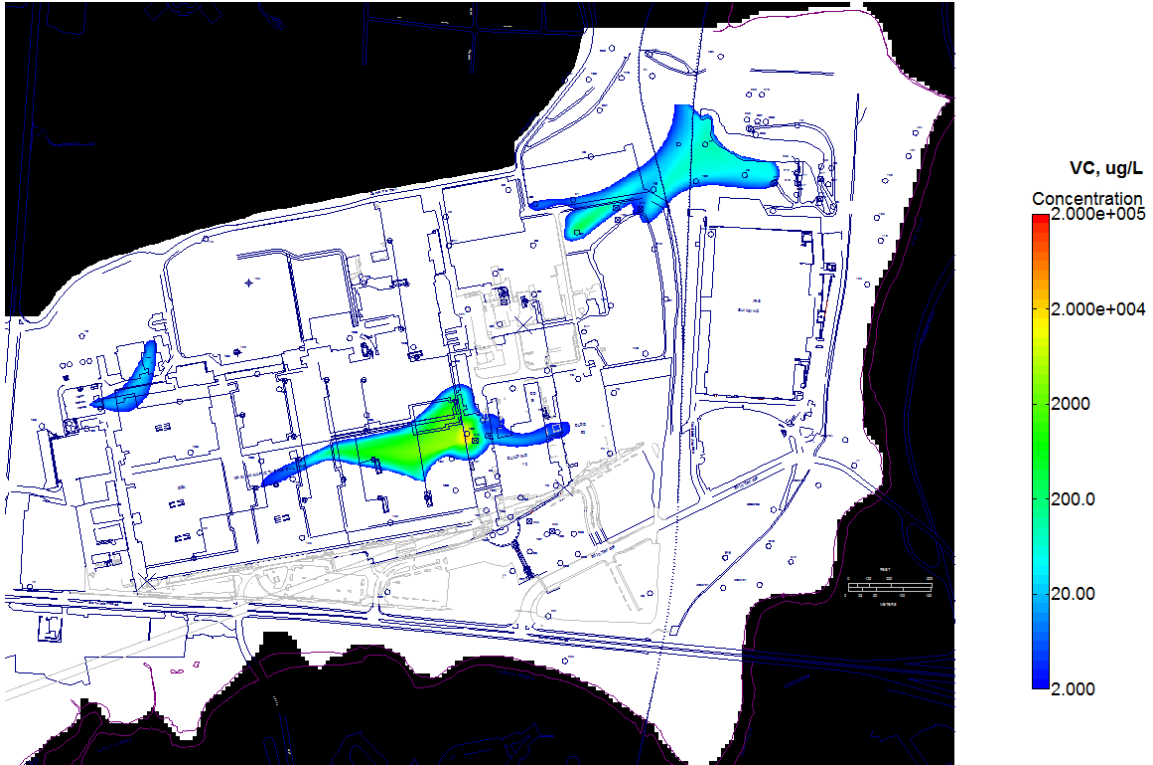
Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: DCE, Year 195, 195 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

**Appendix 51: Plumes – VC, Current Conditions, 50% Source  
Concentration Reduction, 50% Source Concentration  
Reduction**



Current Conditions: Initial VC Concentrations



Current Conditions: VC, Year 1, 1 year after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: VC, Year 2, 2 years after source remediation



Current Conditions: VC, Year 3, 3 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: VC, Year 4, 4 years after source remediation



Current Conditions: VC, Year 5, 5 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction





Current Conditions: VC, Year 6 TO 125, source concentration stable



Current Conditions: VC, Year 130, 130 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: VC, Year 135, 135 years after source remediation



Current Conditions: VC, Year 145, 145 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: VC, Year 155, 155 years after source remediation



Current Conditions: VC, Year 165, 165 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Current Conditions: VC, Year 175, 175 years after source remediation



Current Conditions: VC, Year 185, 185 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



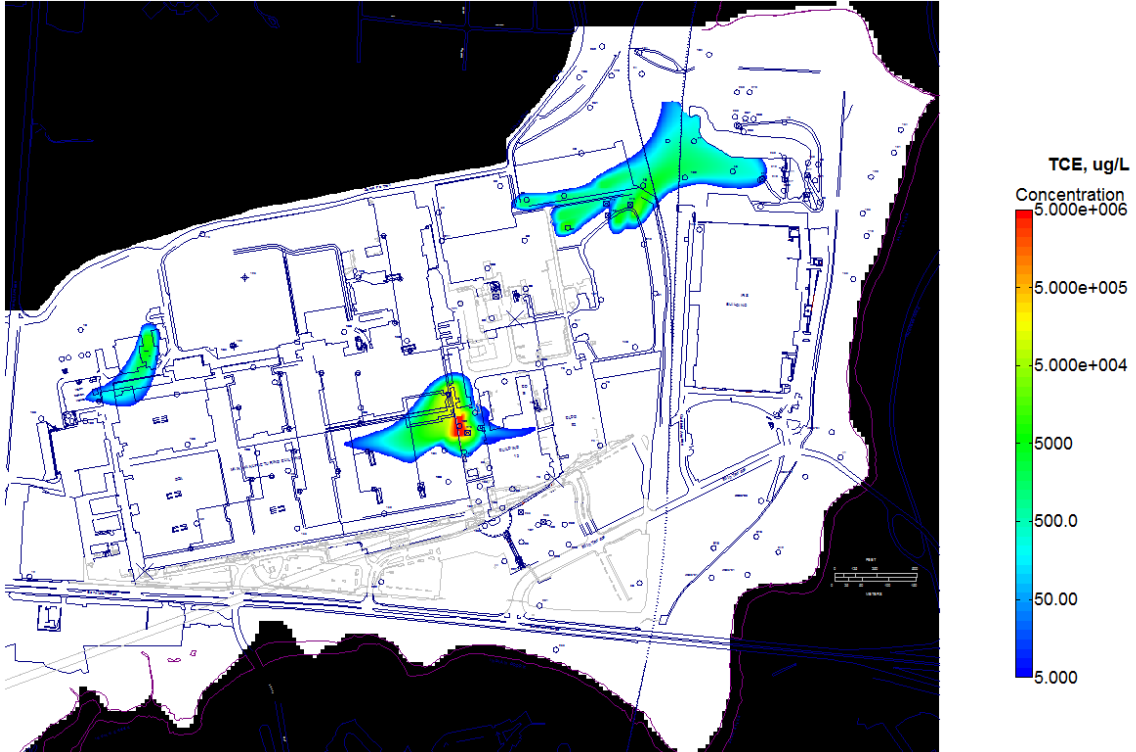
Current Conditions: VC, Year 195, 195 years after source remediation



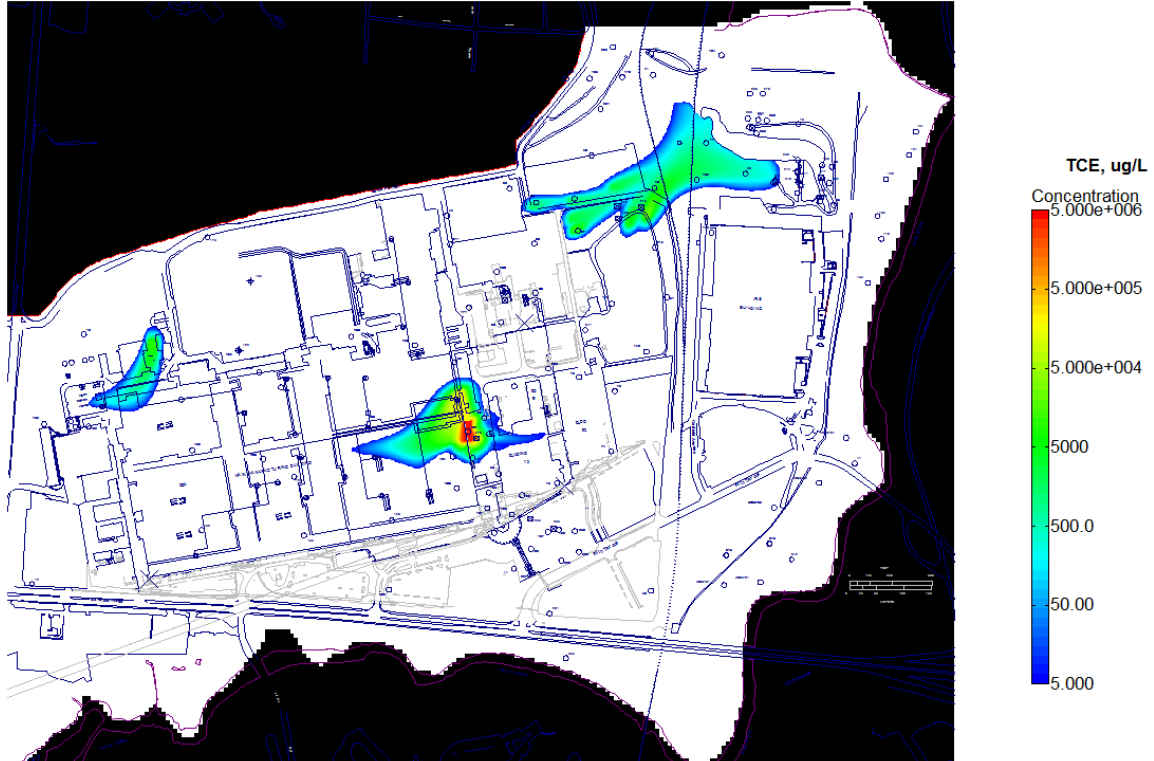
Current Conditions: VC, Year 205, 205 years after source remediation

Current Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

**Appendix 52: Plumes – TCE, Current Conditions, 75% Source  
Concentration Reduction, 75% Source Concentration  
Reduction**



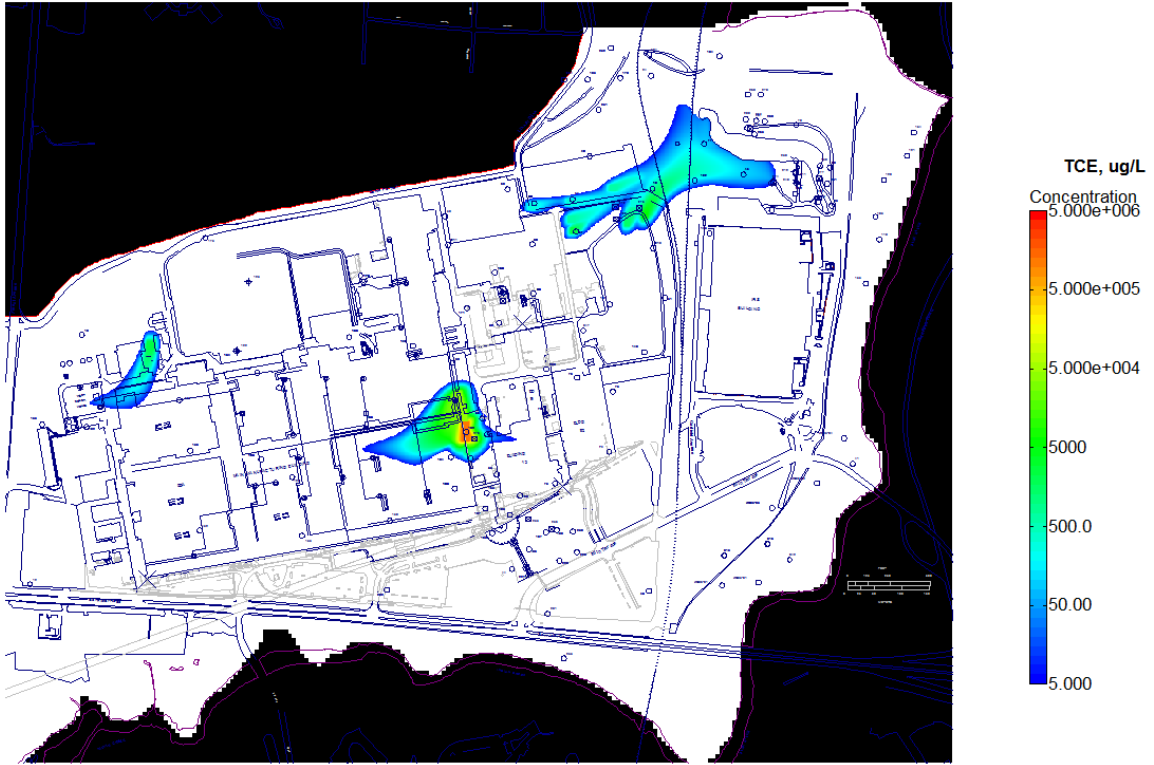
Current Conditions: Initial TCE Concentrations



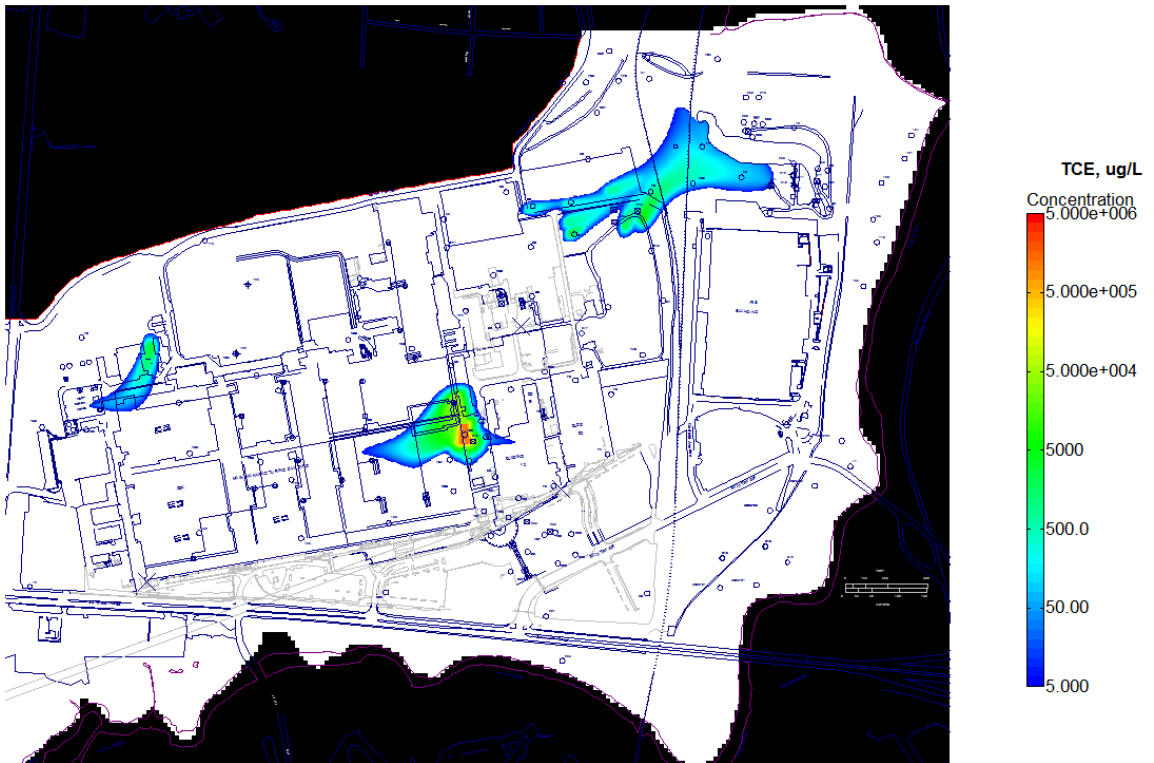
Current Conditions: TCE, Year 10, 10 year after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



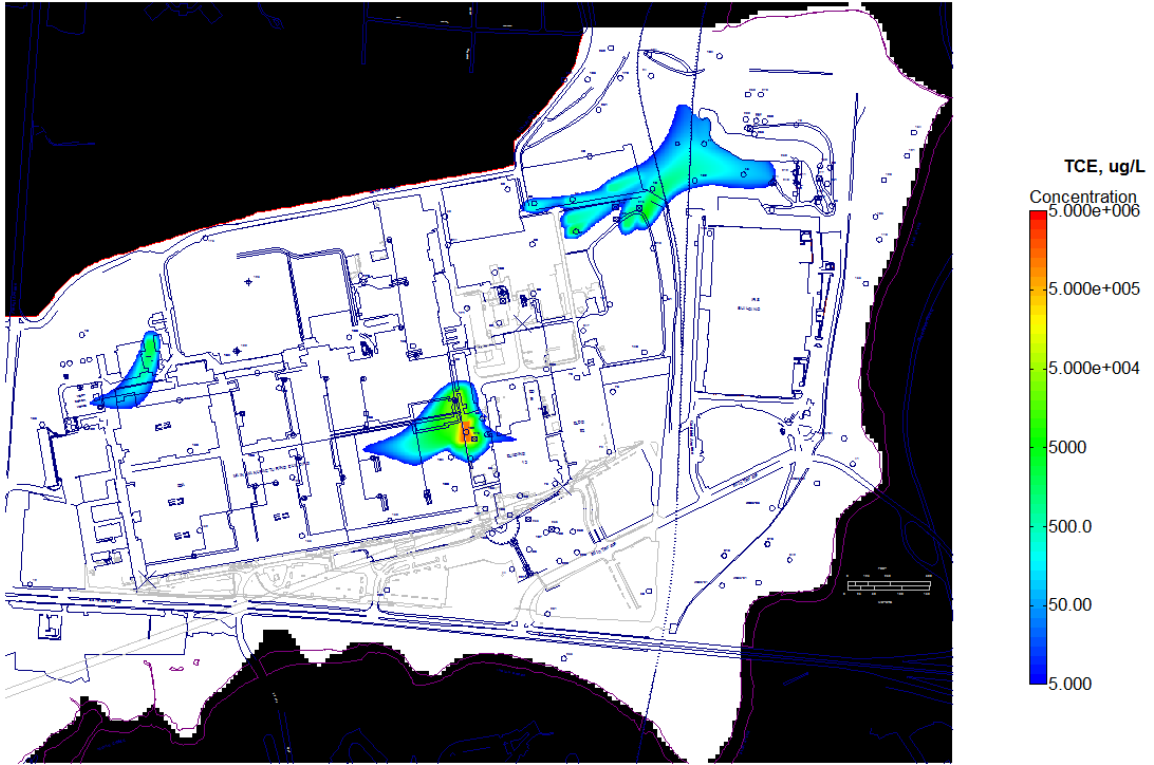


Current Conditions: TCE, Year 20, 20 year after source remediation



Current Conditions: TCE, Year 30, 30 year after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: TCE, Year 31 to 63, source concentration stable



Current Conditions: TCE, Year 68, 68 year after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: TCE, Year 73, 73 year after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 53: Plumes – DCE, Current Conditions, 75% Source  
Concentration Reduction, 75% Source Concentration  
Reduction**



Current Conditions: Initial DCE Concentrations



Current Conditions: DCE, Year 10, 10 year after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: DCE, Year 20, 20 year after source remediation



Current Conditions: DCE, Year 30, 30 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: DCE, 31 TO 63, source concentration stable



Current Conditions: DCE, Year 68, 68 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction





Current Conditions: DCE, Year 73, 73 years after source remediation



Current Conditions: DCE, Year 83, 83 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: DCE, Year 93, 93 years after source remediation



Current Conditions: DCE, Year 103, 103 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



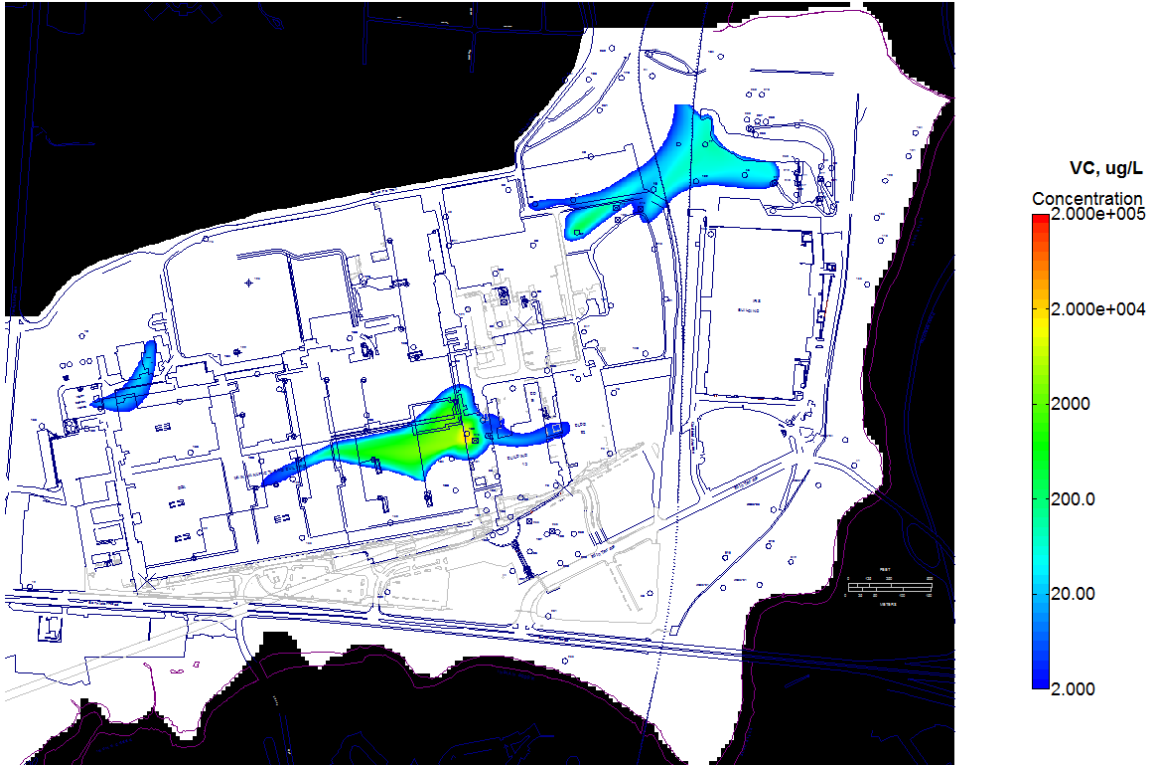
Current Conditions: DCE, Year 113, 113 years after source remediation



Current Conditions: DCE, Year 123, 123 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 54: Plumes – VC, Current Conditions, 75% Source  
Concentration Reduction, 75% Source Concentration  
Reduction**



Current Conditions: Initial VC Concentrations



Current Conditions: VC, Year 10, 10 year after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: VC, Year 20, 20 years after source remediation



Current Conditions: VC, Year 30, 30 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: VC, Year 6 To 63, source concentration stable



Current Conditions: VC, Year 68, 68 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction





Current Conditions: VC, Year 73, 73 years after source remediation



Current Conditions: VC, Year 83, 83 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: VC, Year 93, 93 years after source remediation



Current Conditions: VC, Year 103, 103 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: VC, Year 113, 113 years after source remediation



Current Conditions: VC, Year 123, 123 years after source remediation

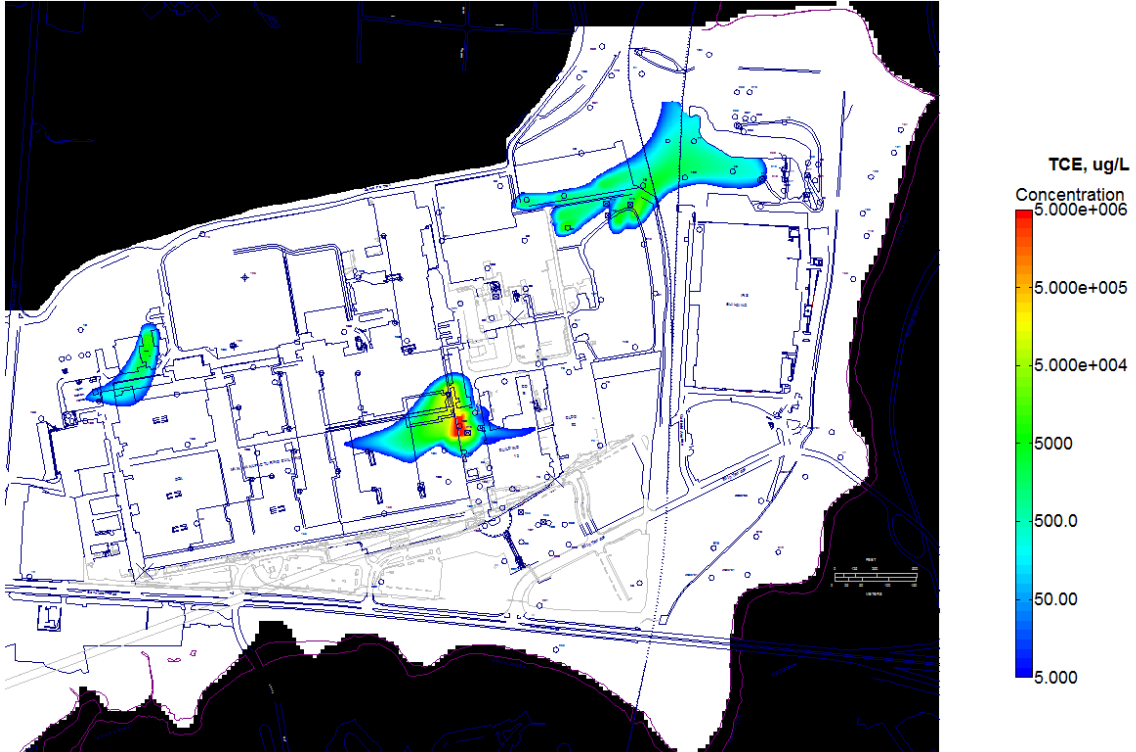
Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Current Conditions: VC, Year 133, 133 years after source remediation

Current Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 55: Plumes – TCE, Current Conditions, 95% Source  
Concentration Reduction, 95% Source Concentration  
Reduction**



Current Conditions: Initial TCE Concentrations



Current Conditions: TCE, Year 5, 5 year after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: TCE, Year 10, 10 year after source remediation



Current Conditions: TCE, Year 13, 13 year after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction





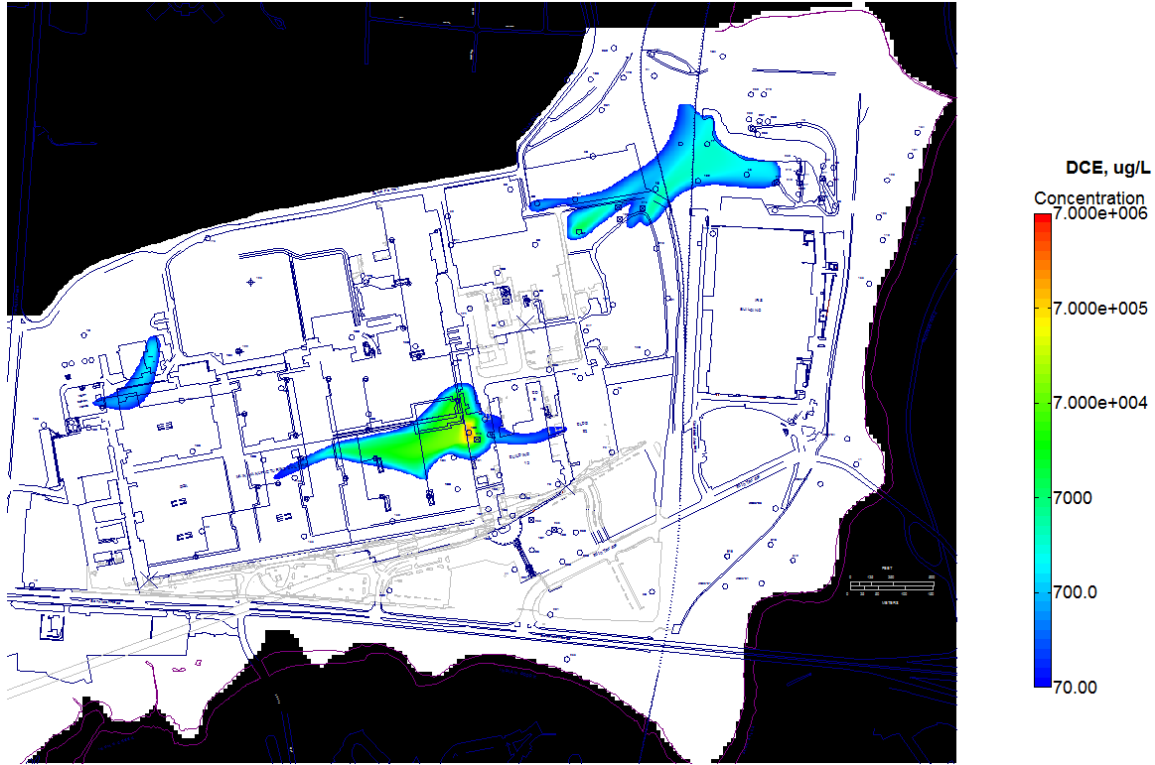
Current Conditions: TCE, Year 15, 15 year after source remediation



Current Conditions: TCE, Year 20, 20 year after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction

**Appendix 56: Plumes – DCE, Current Conditions, 95% Source  
Concentration Reduction, 95% Source Concentration  
Reduction**



Current Conditions: Initial DCE Concentrations



Current Conditions: DCE, Year 5, 5 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction

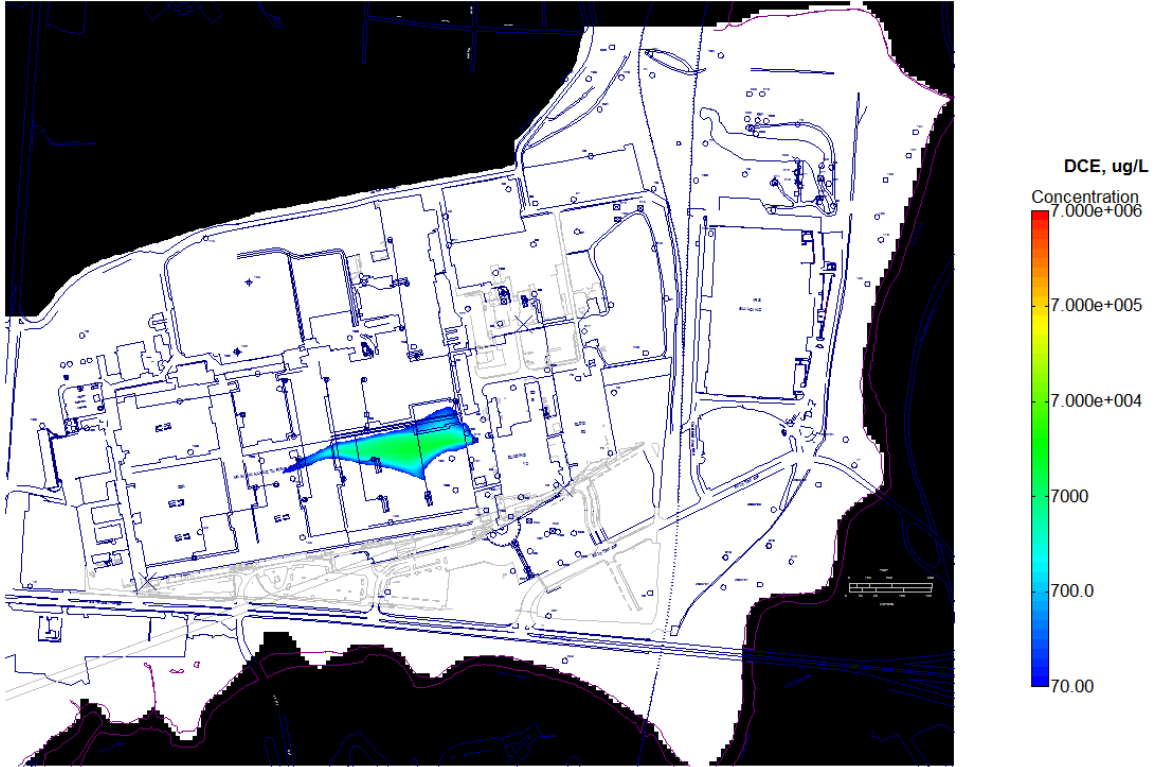


Current Conditions: DCE, Year 10, 10 years after source remediation



Current Conditions: DCE, Year 13, 13 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: DCE, Year 20, 20 years after source remediation



Current Conditions: DCE, Year 30, 30 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: DCE, Year 40, 40 years after source remediation



Current Conditions: DCE, Year 50, 50 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: DCE, Year 60, 60 years after source remediation



Current Conditions: DCE, Year 70, 70 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction





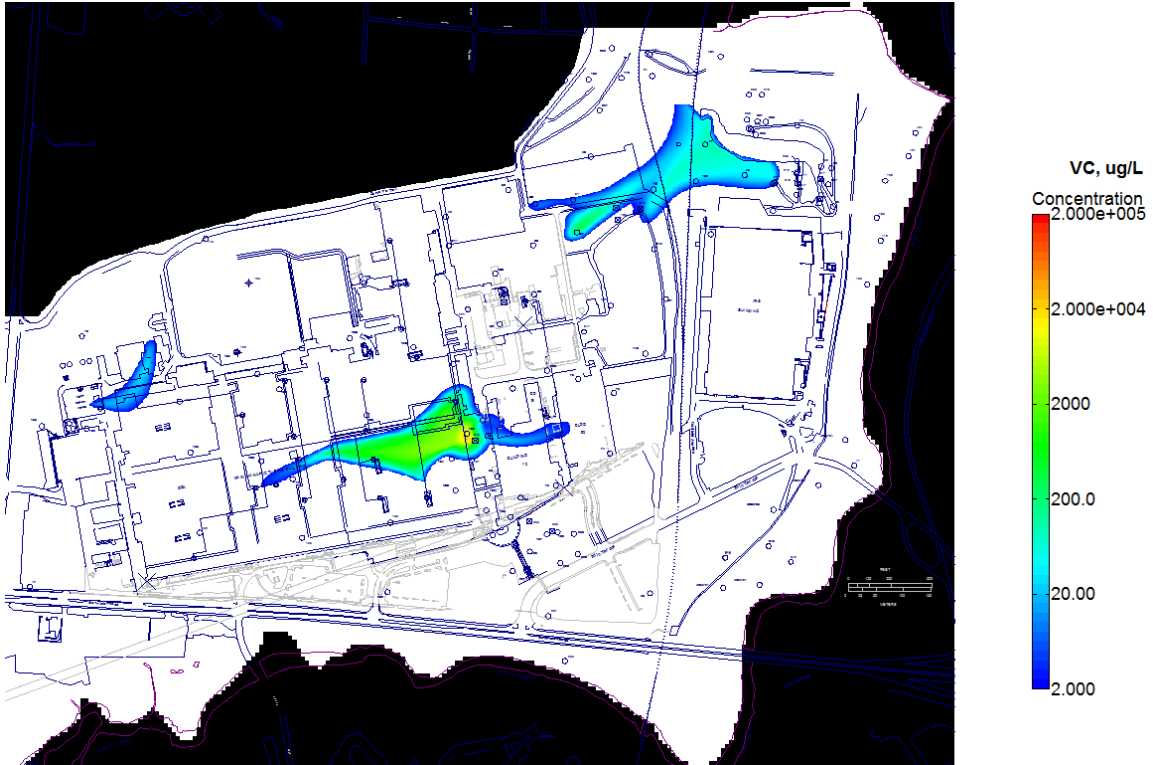
Current Conditions: DCE, Year 80, 80 years after source remediation



Current Conditions: DCE, Year 90, 90 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction

**Appendix 57: Plumes – VC, Current Conditions, 95% Source  
Concentration Reduction, 95% Source Concentration  
Reduction**

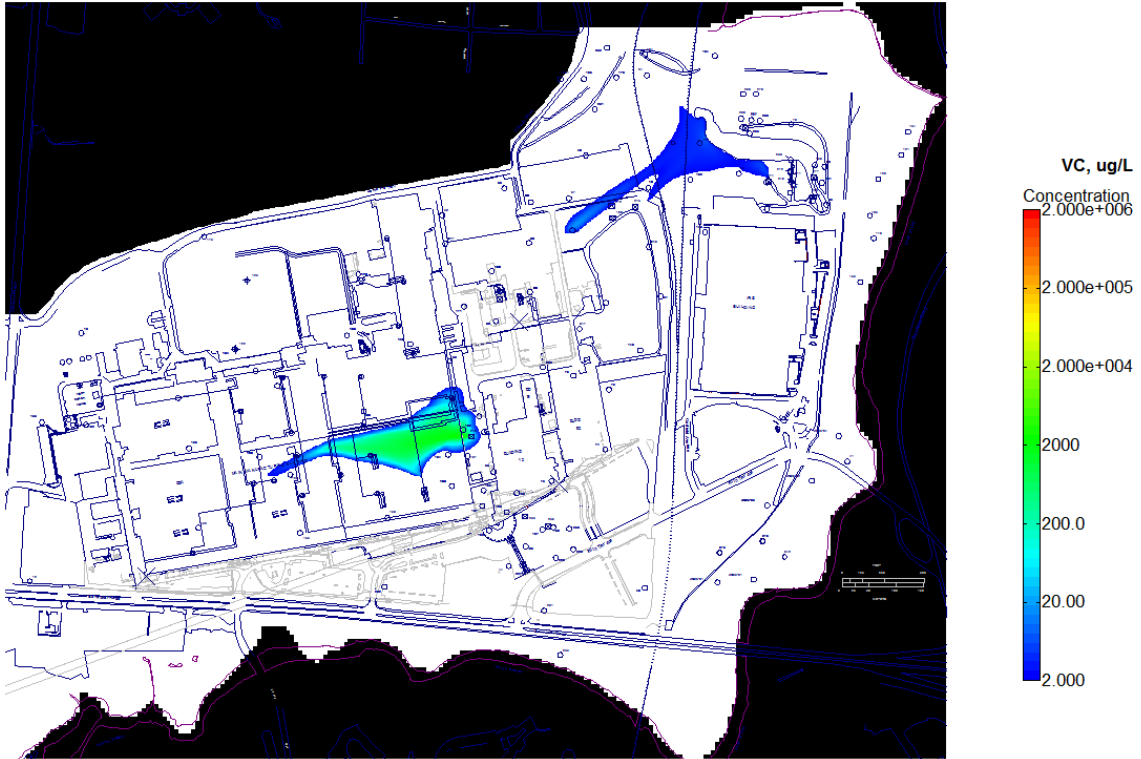


Current Conditions: Initial VC Concentrations



Current Conditions: VC, Year 5, 5 year after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction

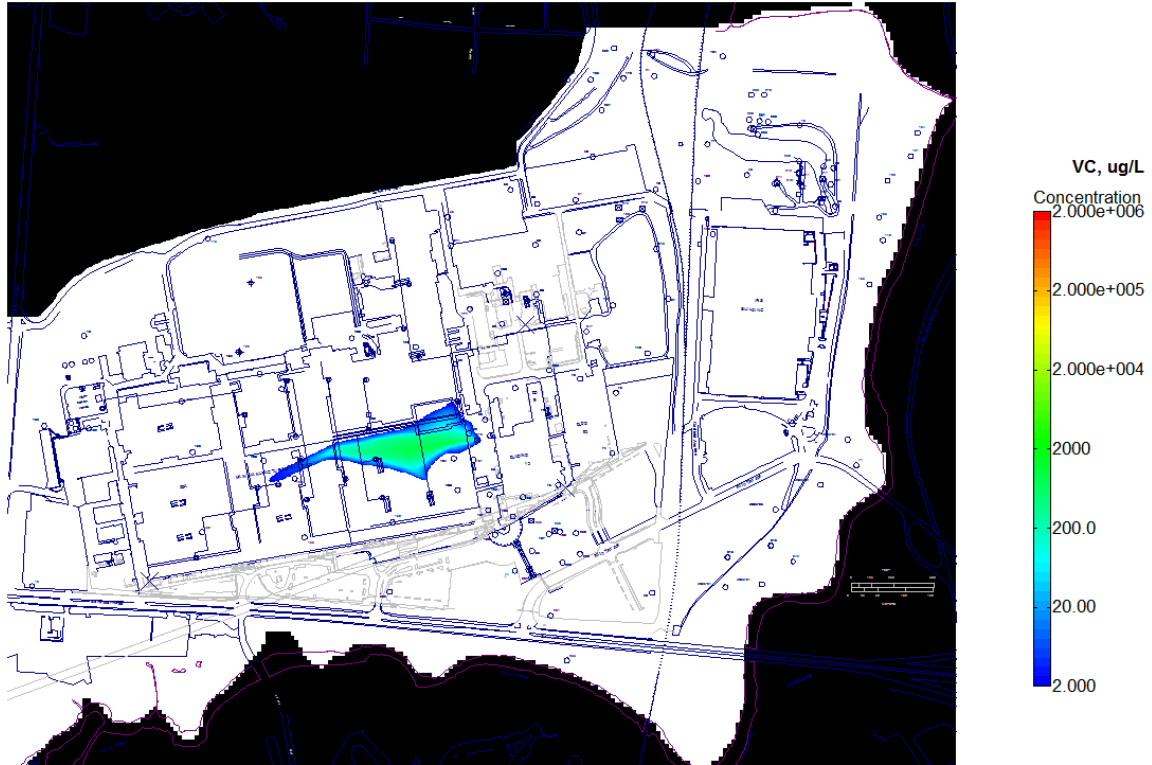


Current Conditions: VC, Year 10, 10 years after source remediation



Current Conditions: VC, Year 13, 13 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: VC, Year 20, 20 years after source remediation



Current Conditions: VC, Year 30, 30 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: VC, Year 40, 40 years after source remediation



Current Conditions: VC, Year 50, 50 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Current Conditions: VC, Year 60, 60 years after source remediation



Current Conditions: VC, Year 70, 70 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction





Current Conditions: VC, Year 80, 80 years after source remediation



Current Conditions: VC, Year 90, 90 years after source remediation

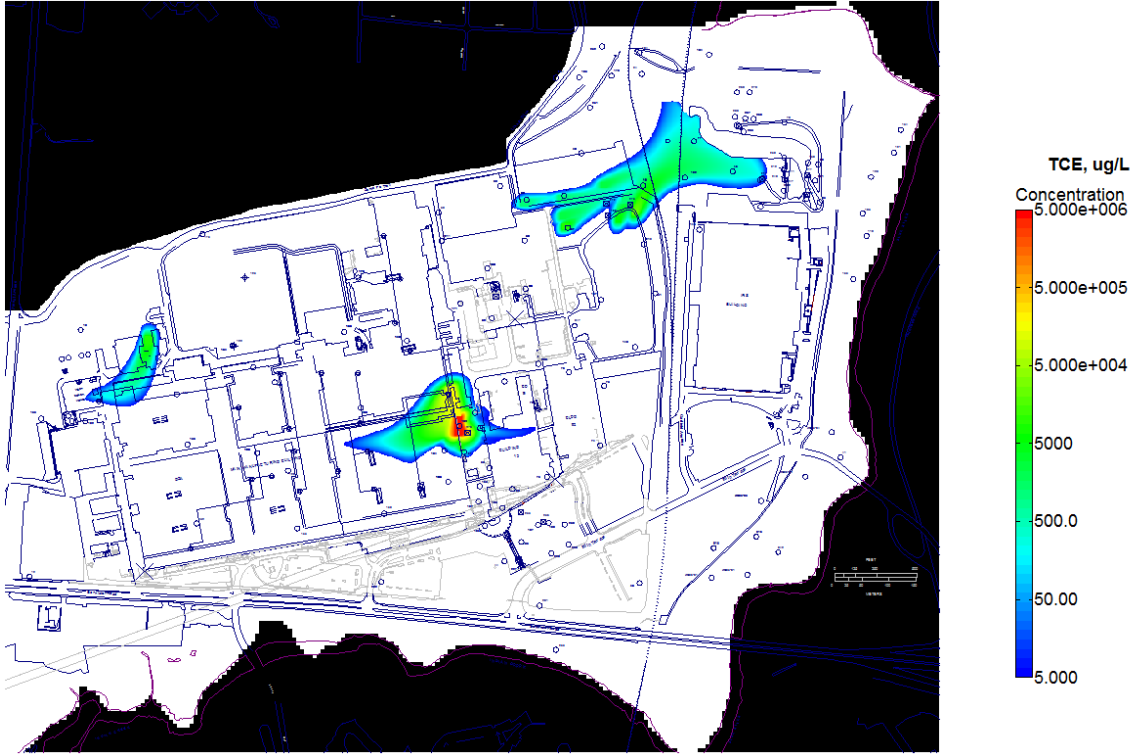
Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



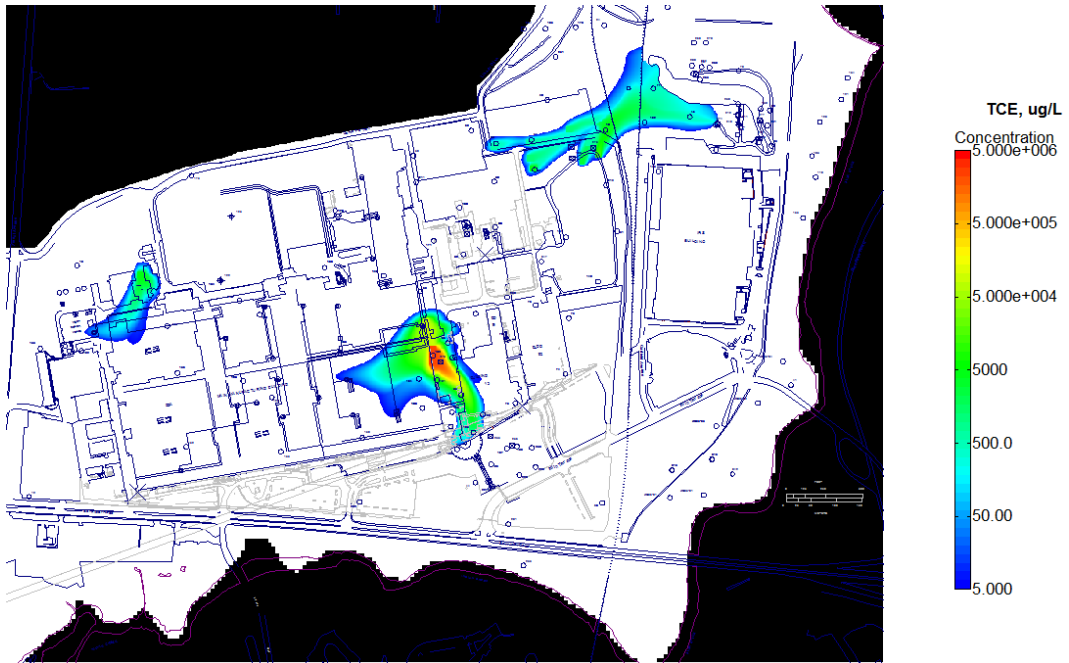
Current Conditions: VC, Year 100, 100 years after source remediation

Current Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction

**Appendix 58: Plumes – TCE, Future Conditions, 50% Source  
Concentration Reduction, 50% Source Concentration  
Reduction**

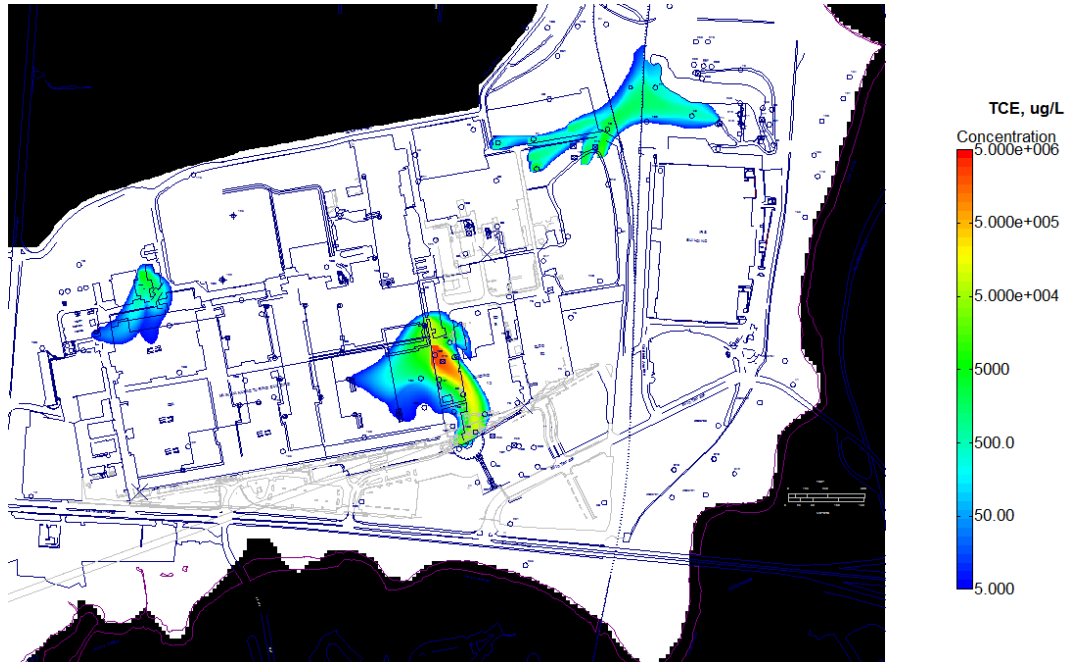


Future Conditions: Initial TCE Concentrations

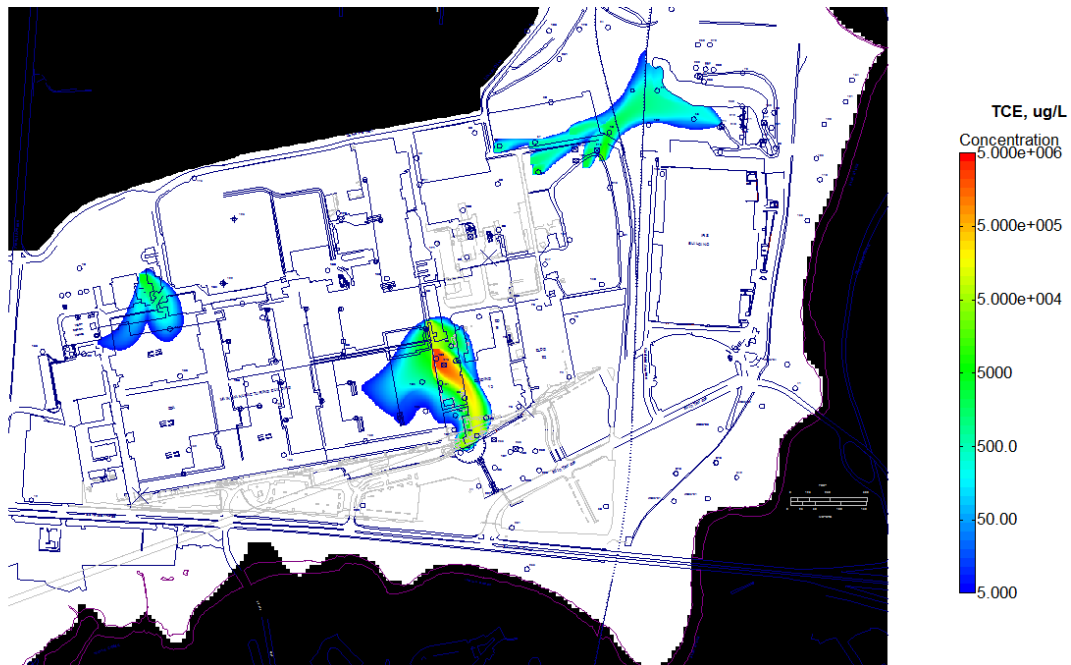


Future Conditions: TCE, Year 1, 1 year after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

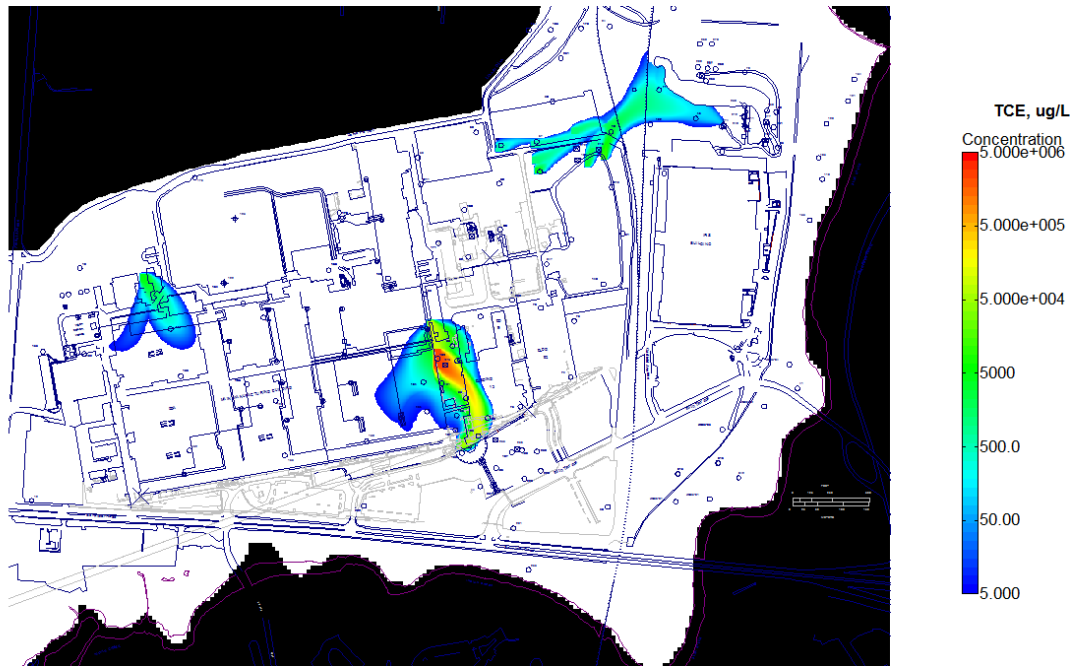


Future Conditions: TCE, Year 2, 2 years after source remediation

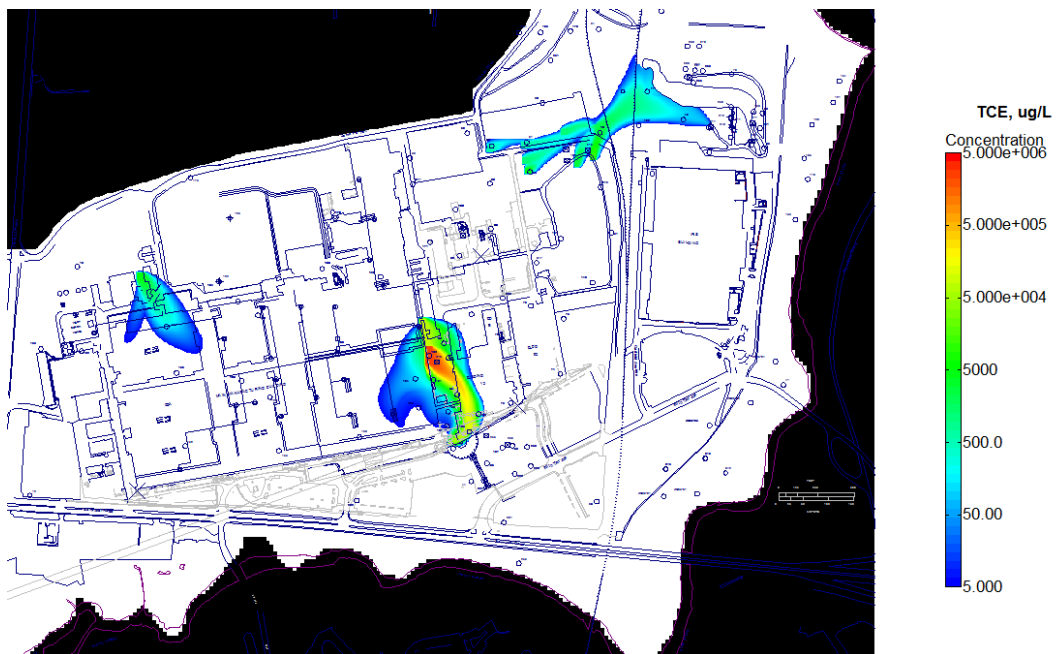


Future Conditions: TCE, Year 3, 3 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

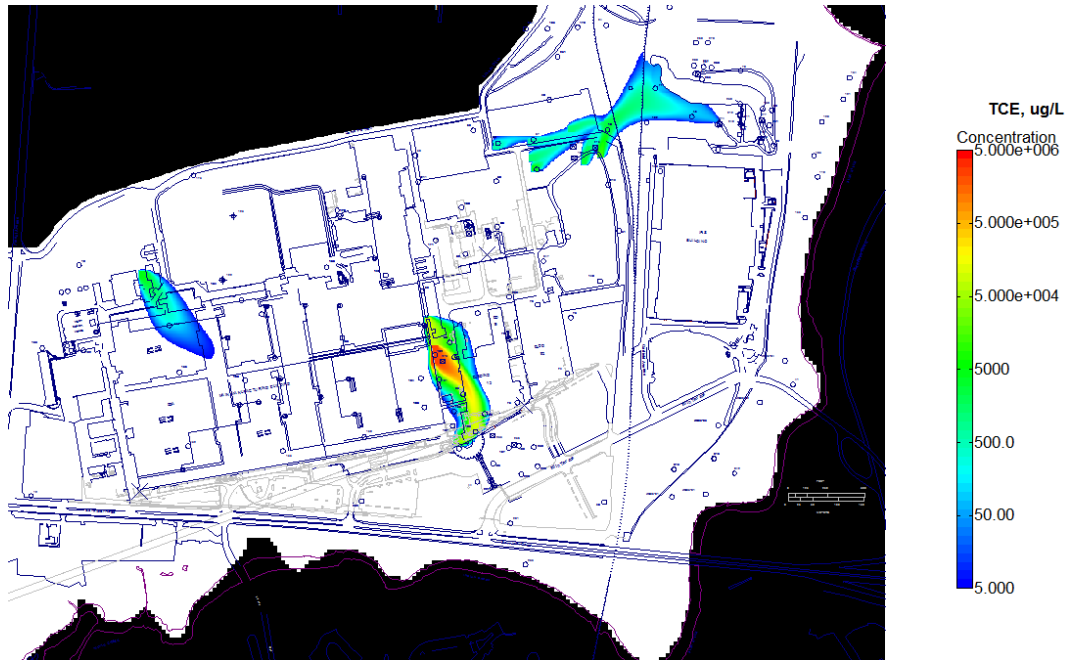


Future Conditions: TCE, Year 4, 4 years after source remediation

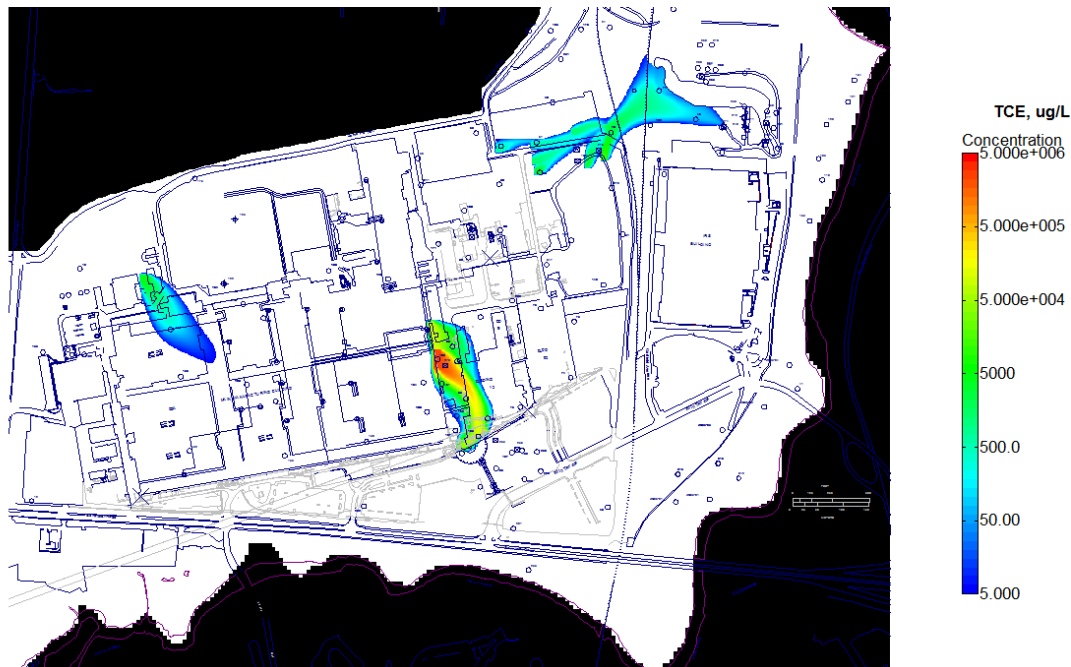


Future Conditions: TCE, Year 5, 5 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



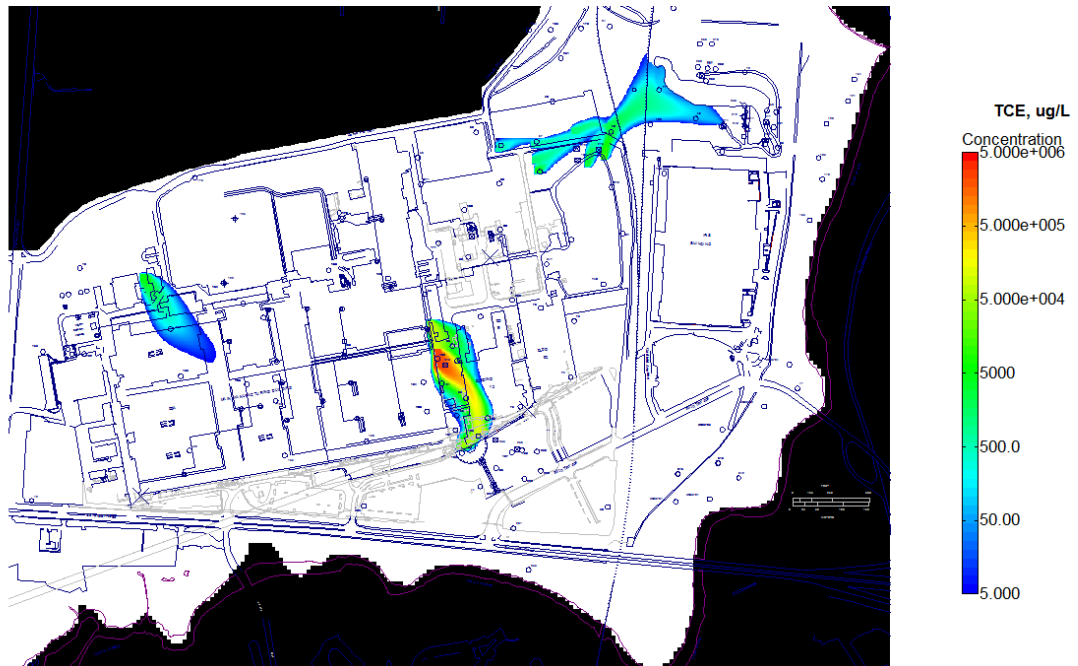
Future Conditions: TCE, Year 10, 10 years after source remediation



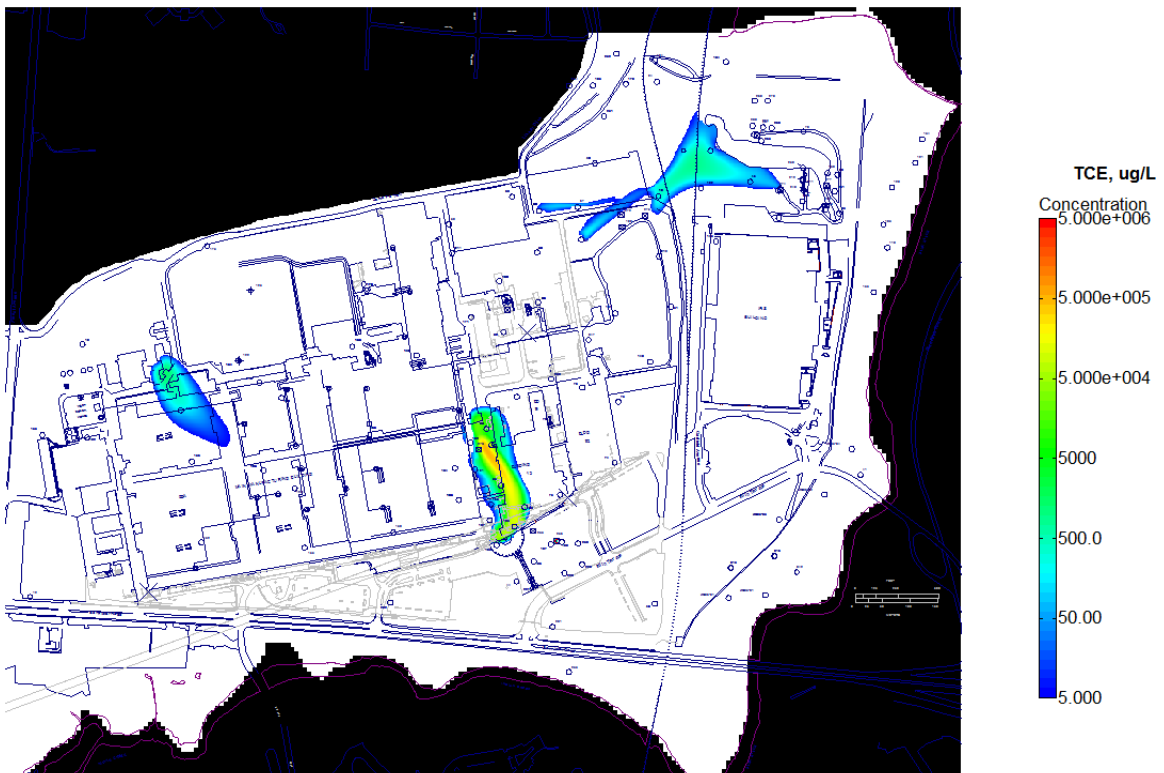
Future Conditions: TCE, Year 20, 20 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



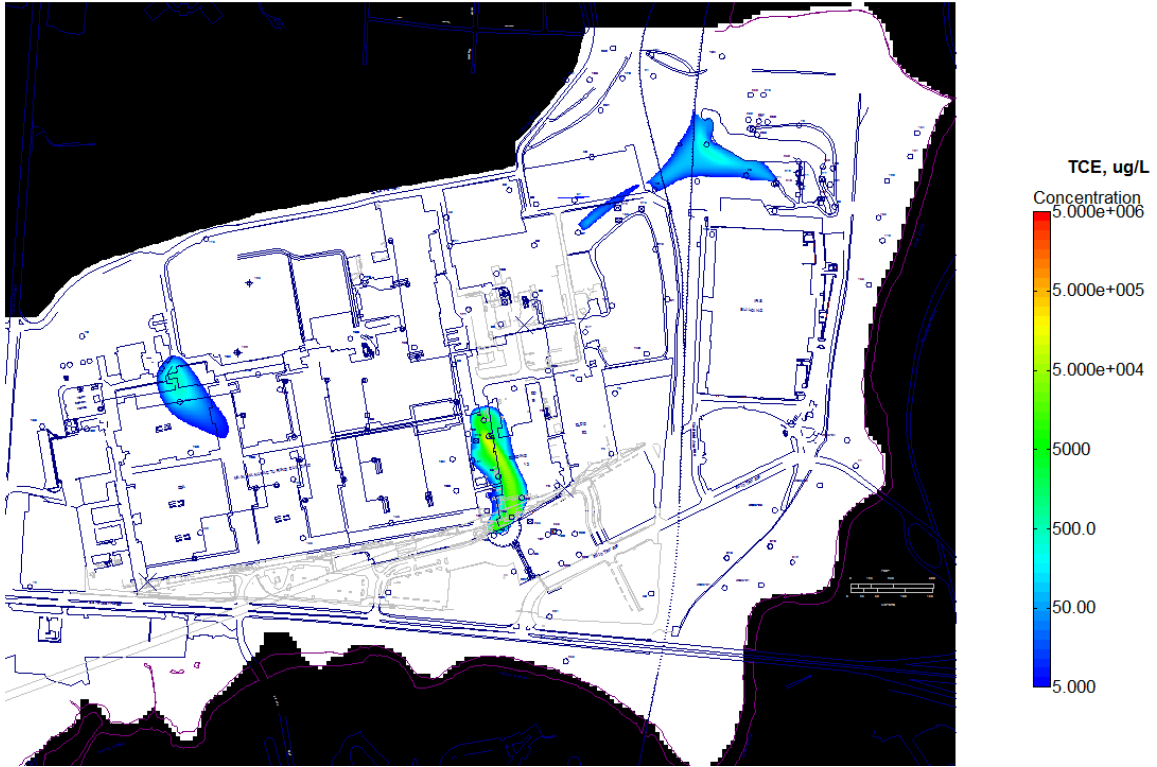


Future Conditions: TCE, Year 21 to 125, source concentration stable



Future Conditions: TCE, Year 126, 126 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

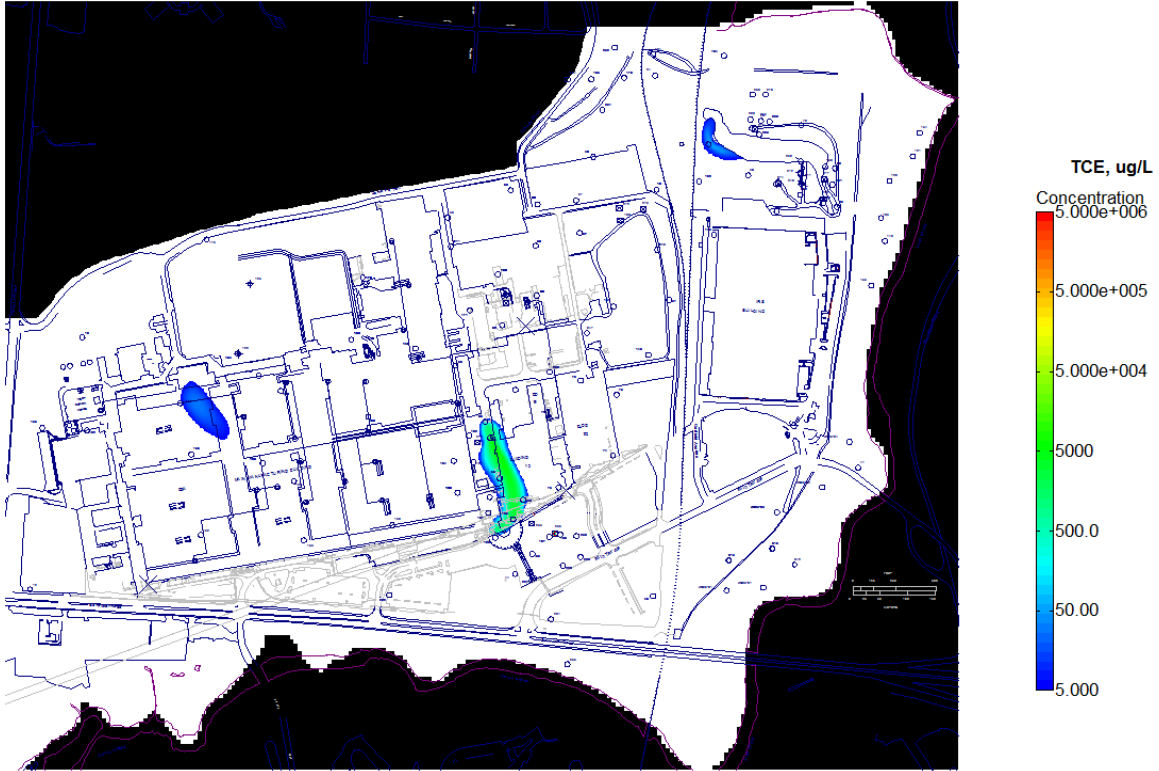


Future Conditions: TCE, Year 127, 127 years after source remediation



Future Conditions: TCE, Year 128, 128 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Future Conditions: TCE, Year 129, 129 years after source remediation



Future Conditions: TCE, Year 130, 130 years after source remediation

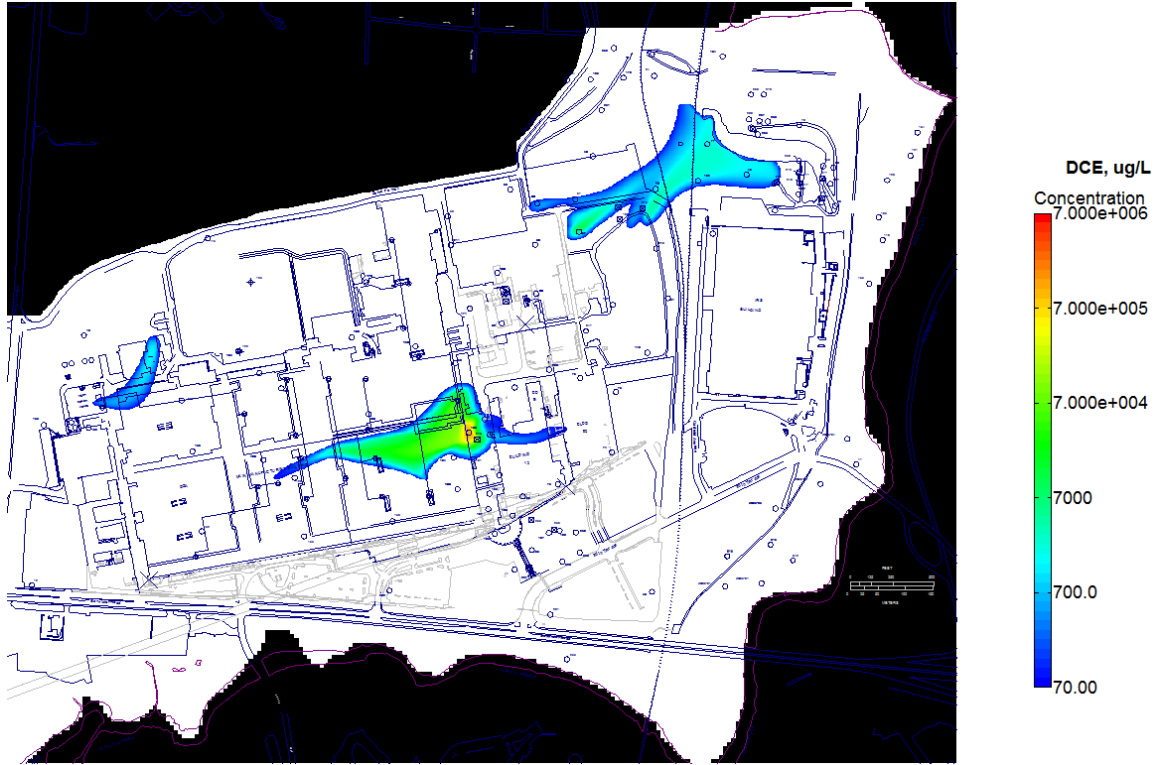
Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



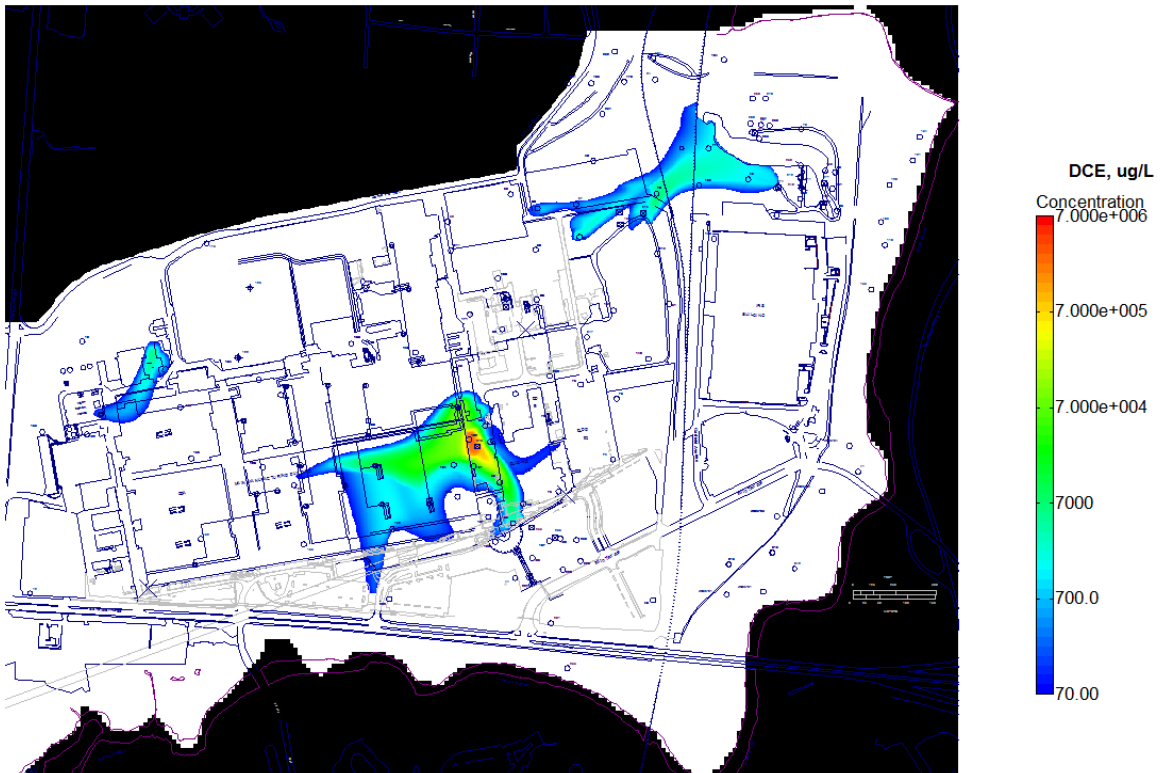
Future Conditions: TCE, Year 135, 135 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

**Appendix 59: Plumes – DCE, Future Conditions, 50% Source  
Concentration Reduction, 50% Source Concentration  
Reduction**

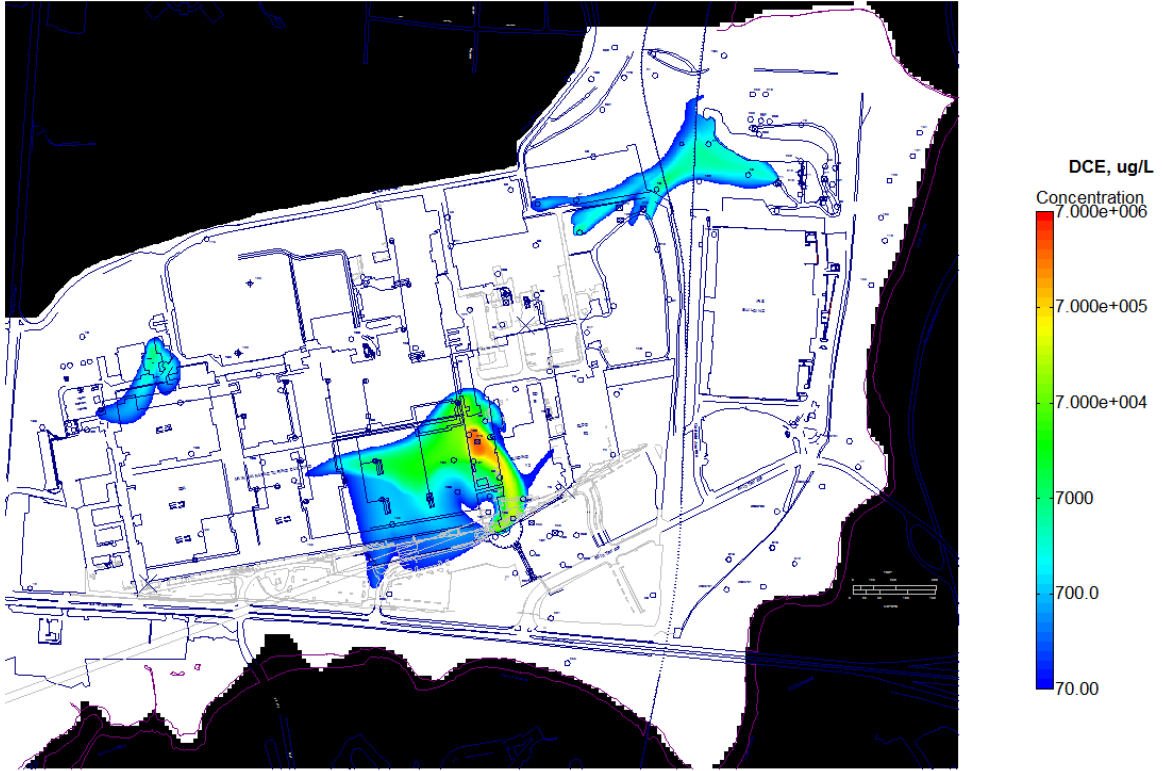


Future Conditions: Initial DCE Concentrations

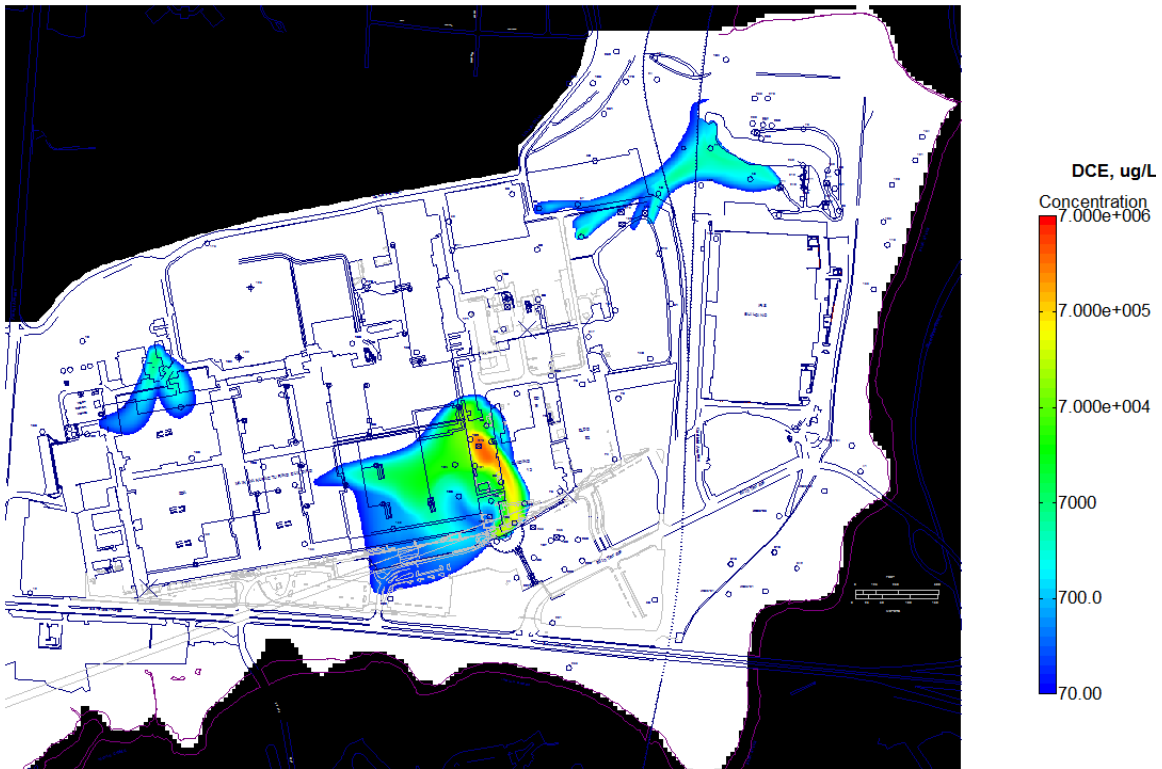


Future Conditions: DCE, Year 1, 1 year after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



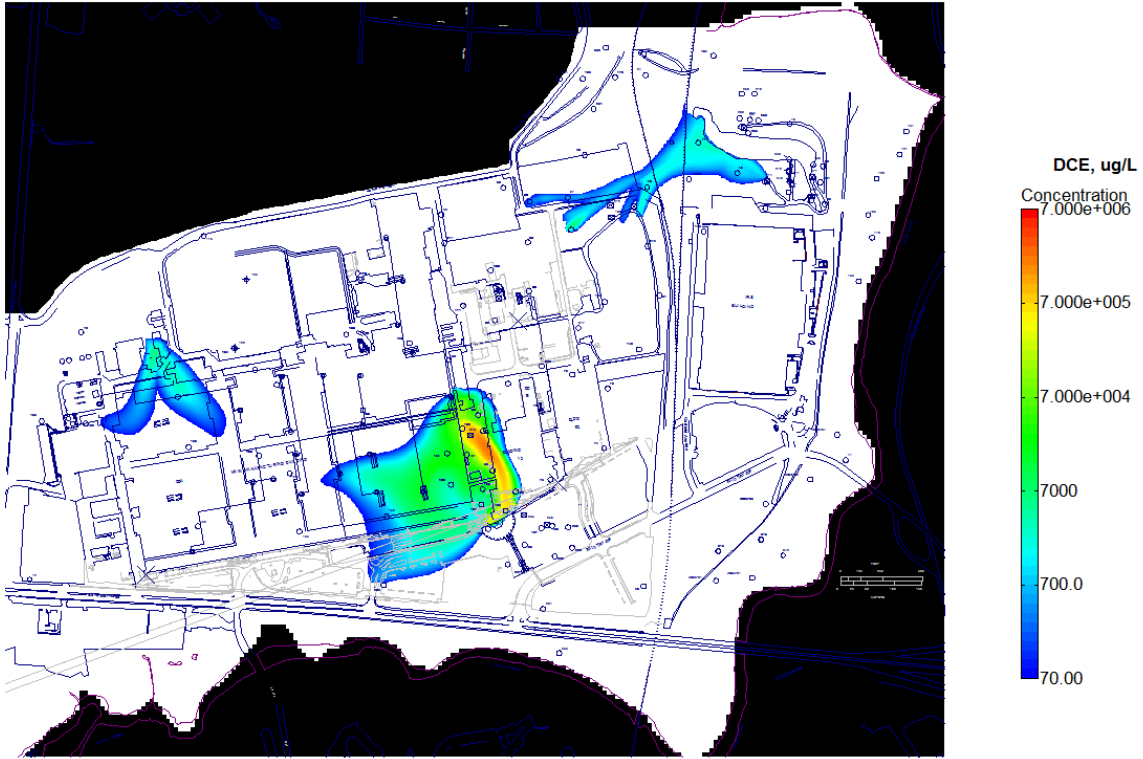
Future Conditions: DCE, Year 2, 2 years after source remediation



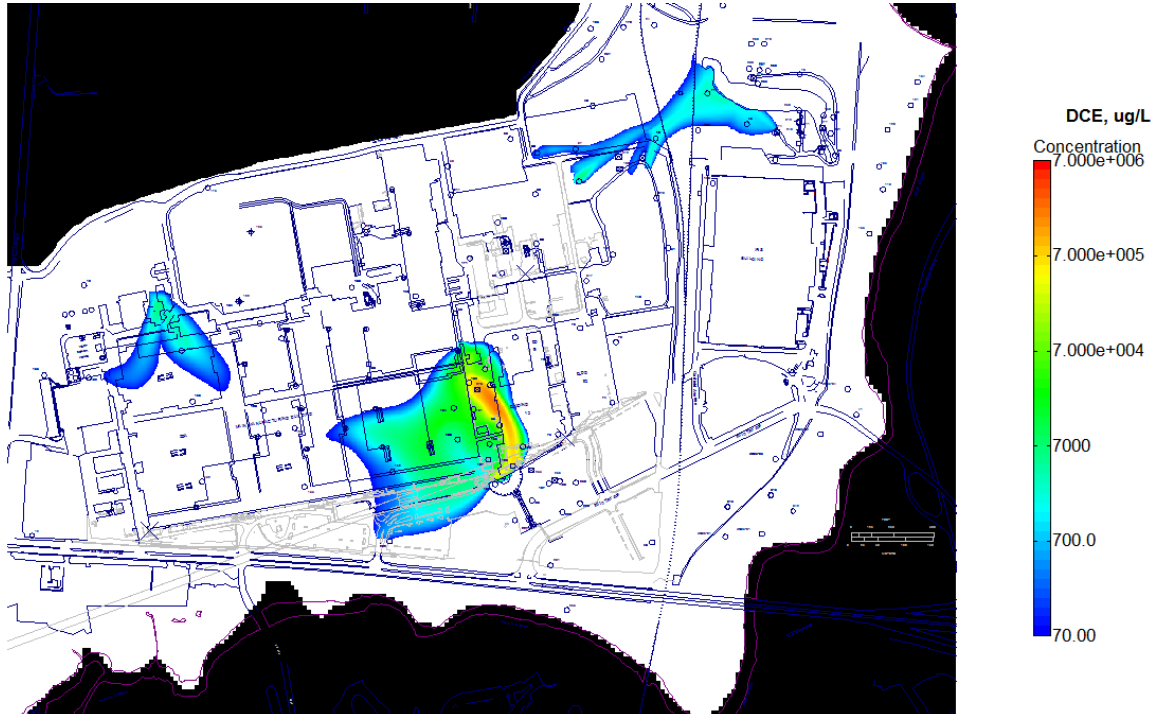
Future Conditions: DCE, Year 3, 3 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



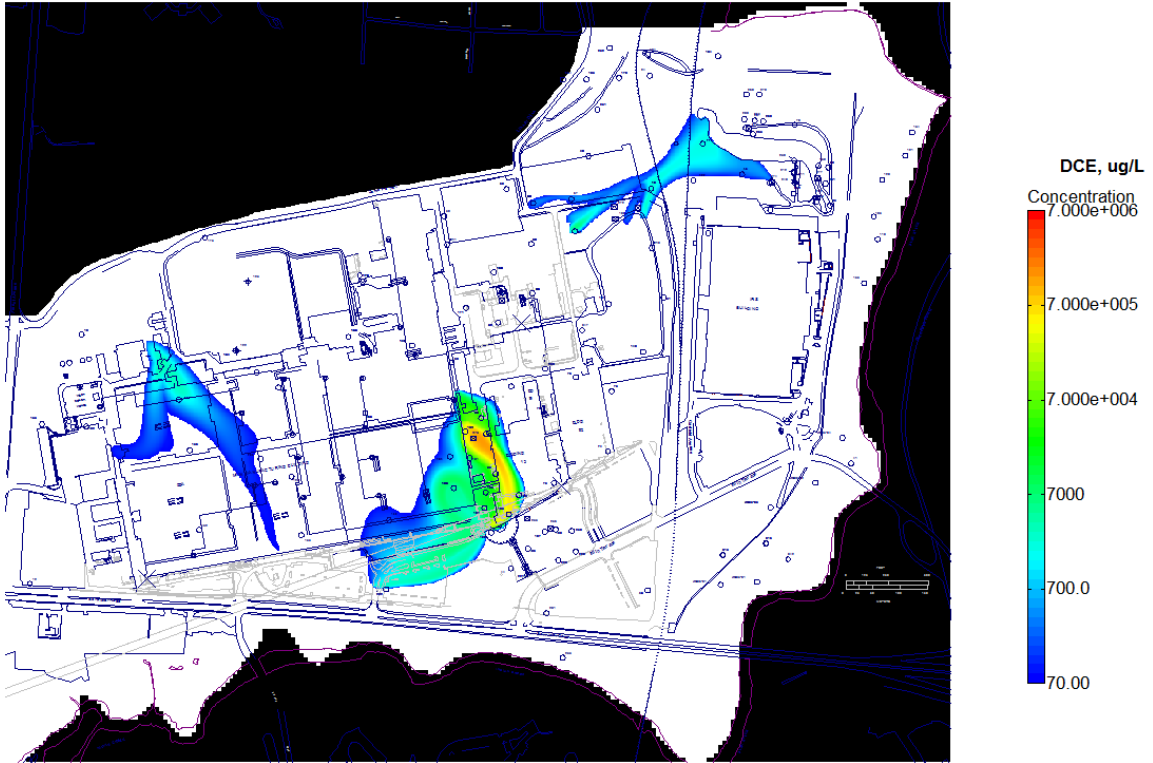


Future Conditions: DCE, Year 4, 4 years after source remediation

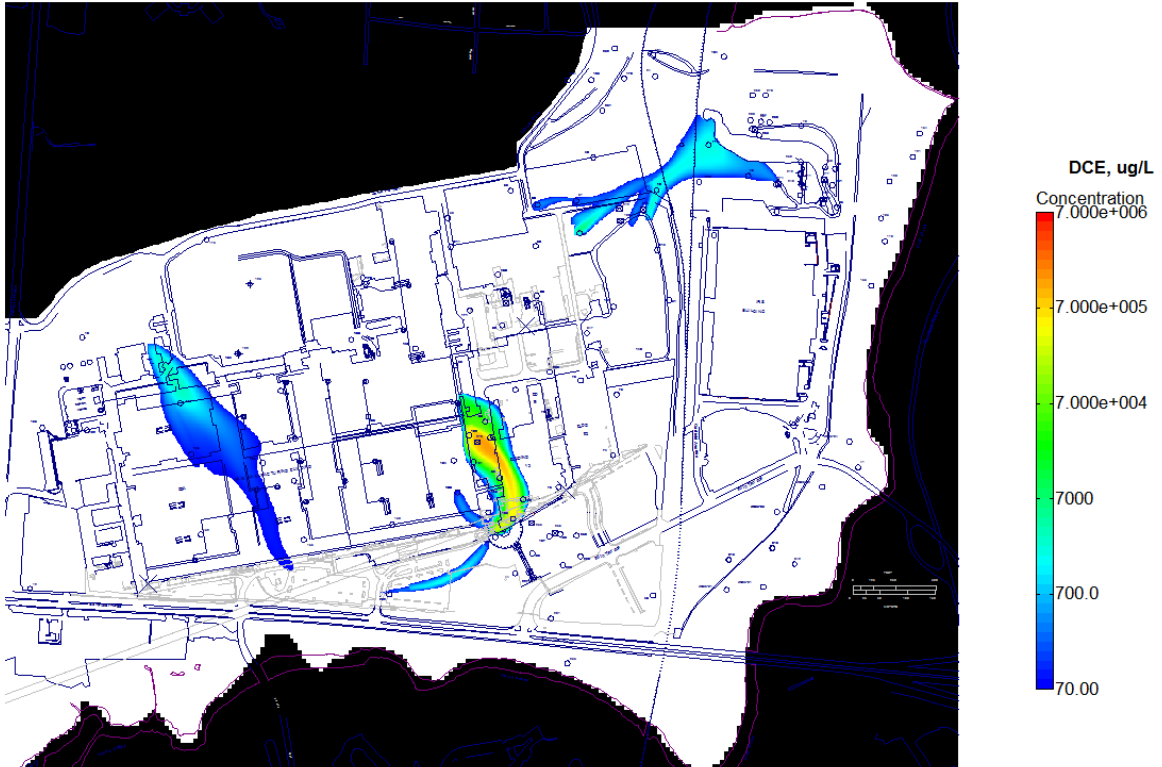


Future Conditions: DCE, Year 5, 5 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

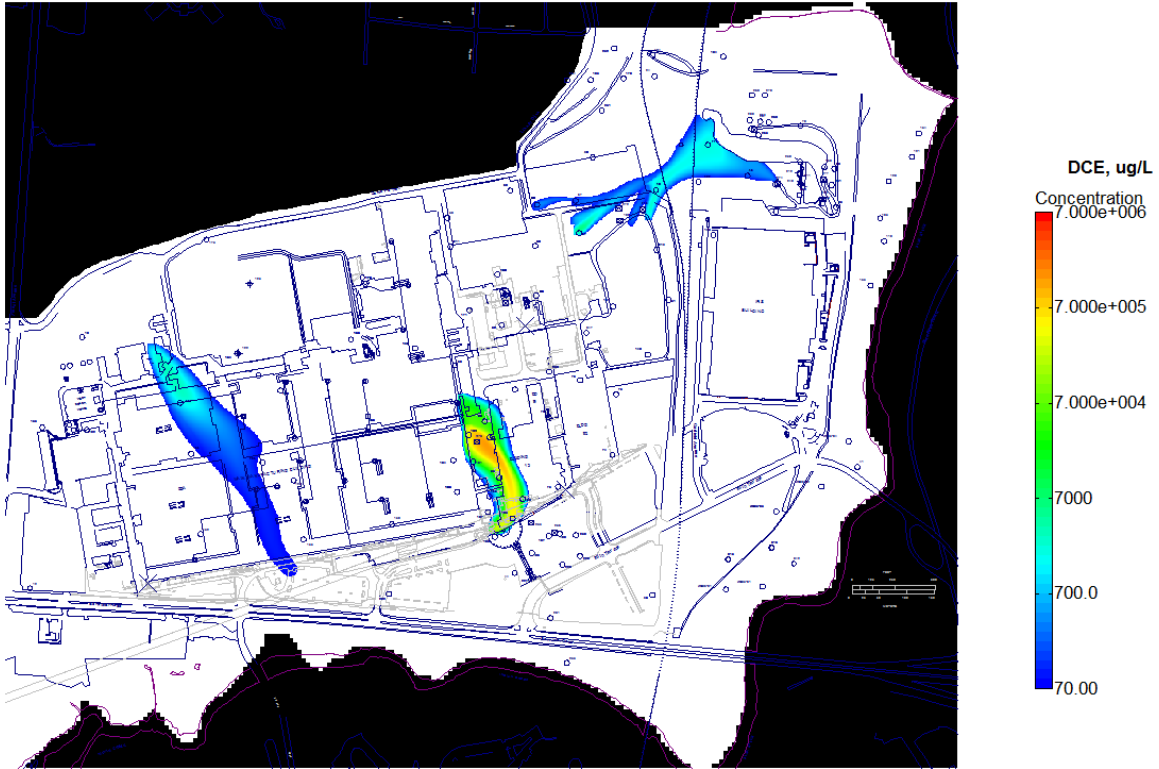


Future Conditions: DCE, Year 10, 10 years after source remediation

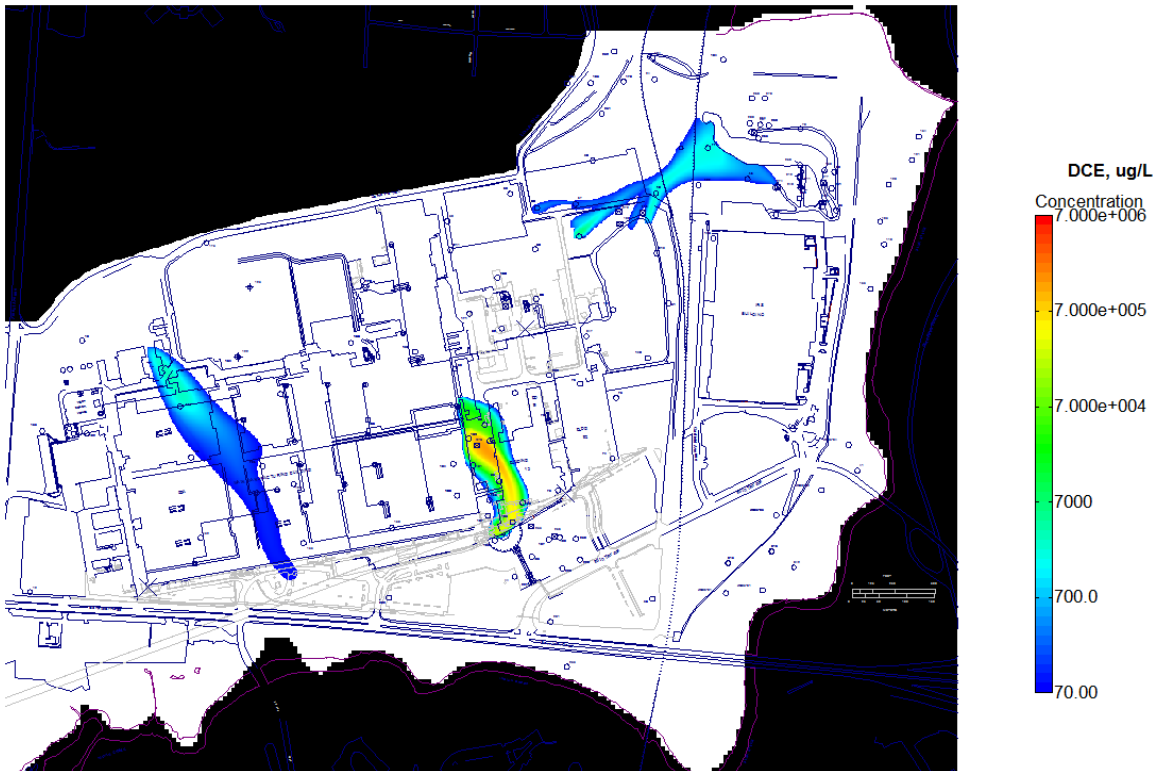


Future Conditions: DCE, Year 20, 20 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

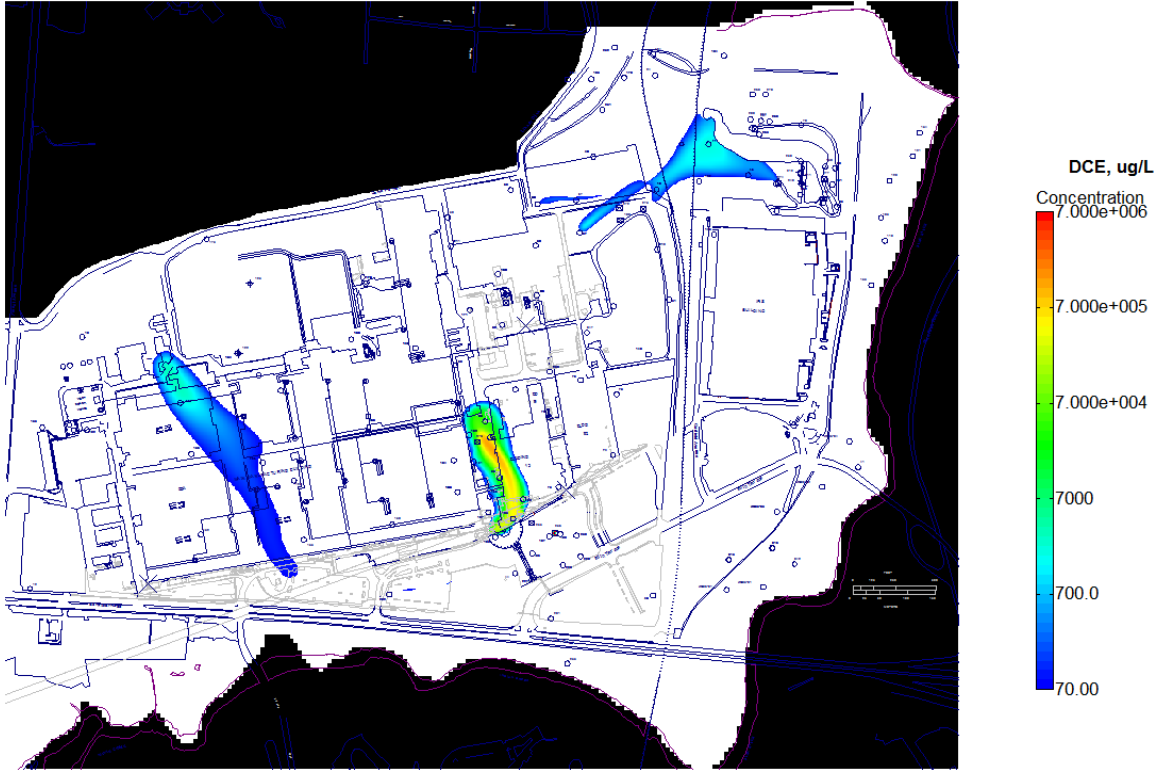


Future Conditions: DCE, Year 30, 30 years after source remediation

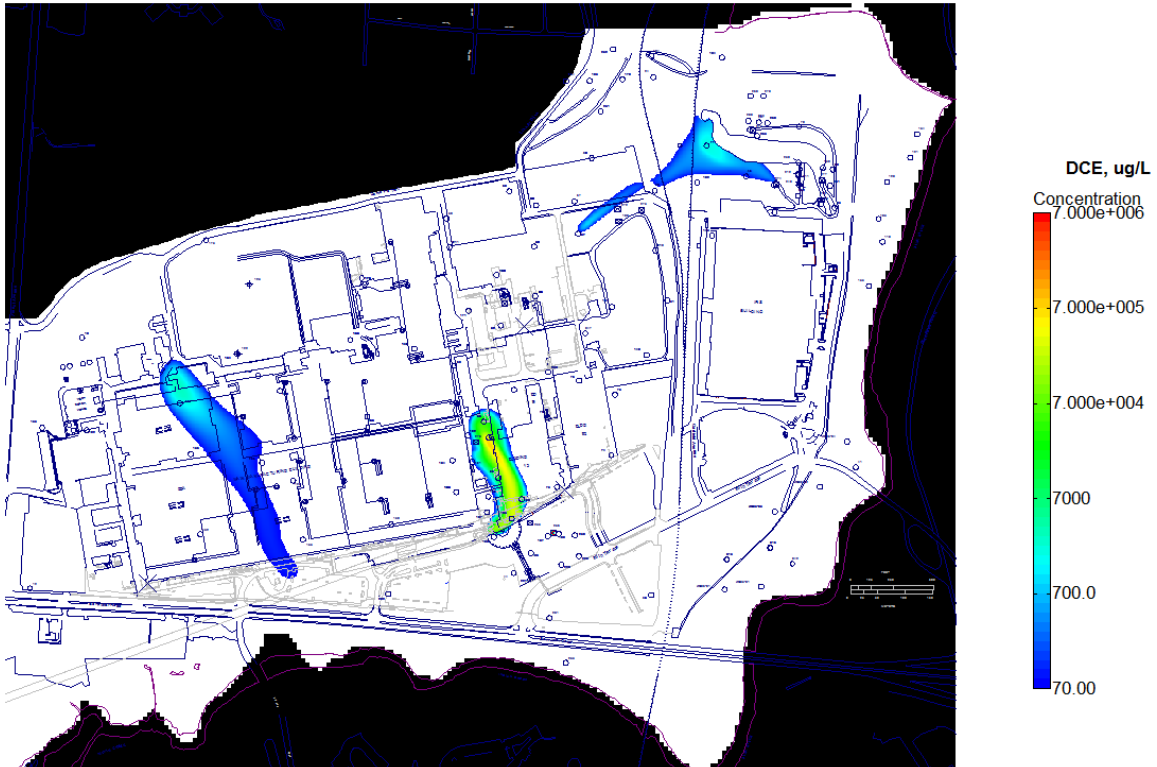


Future Conditions: DCE, Year 31 to 125, source concentration stable

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

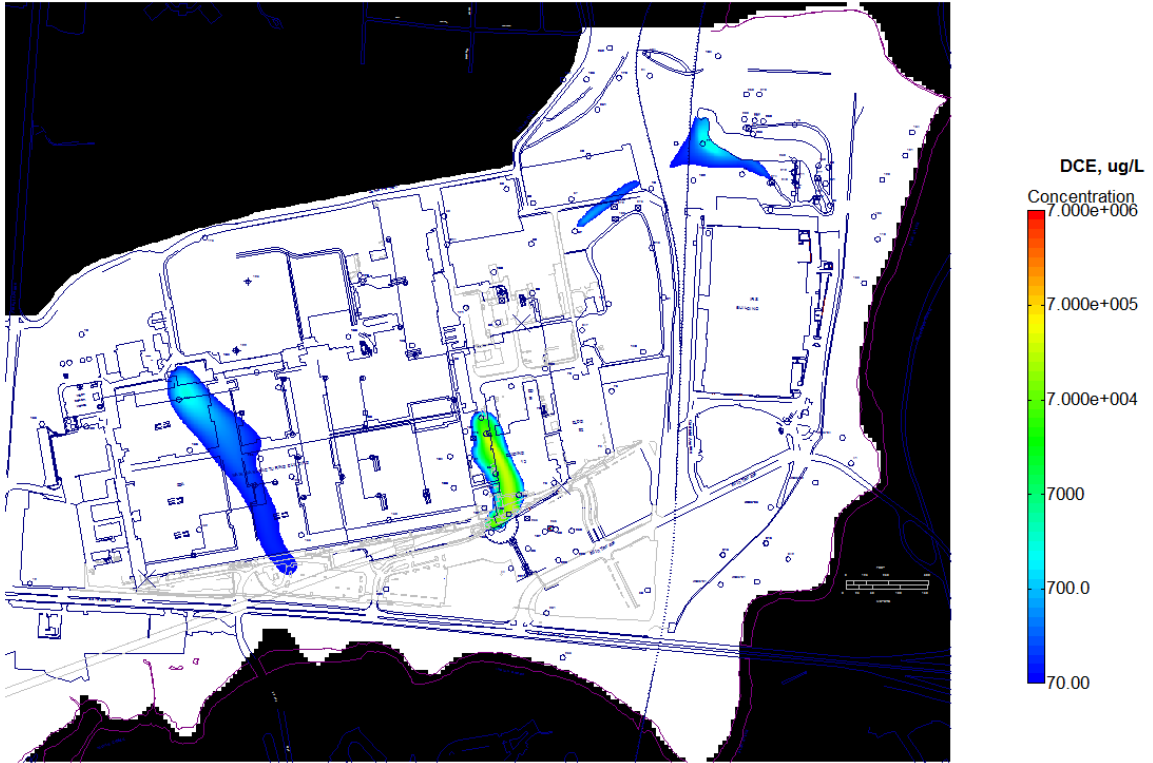


Future Conditions: DCE, Year 126, 126 years after source remediation

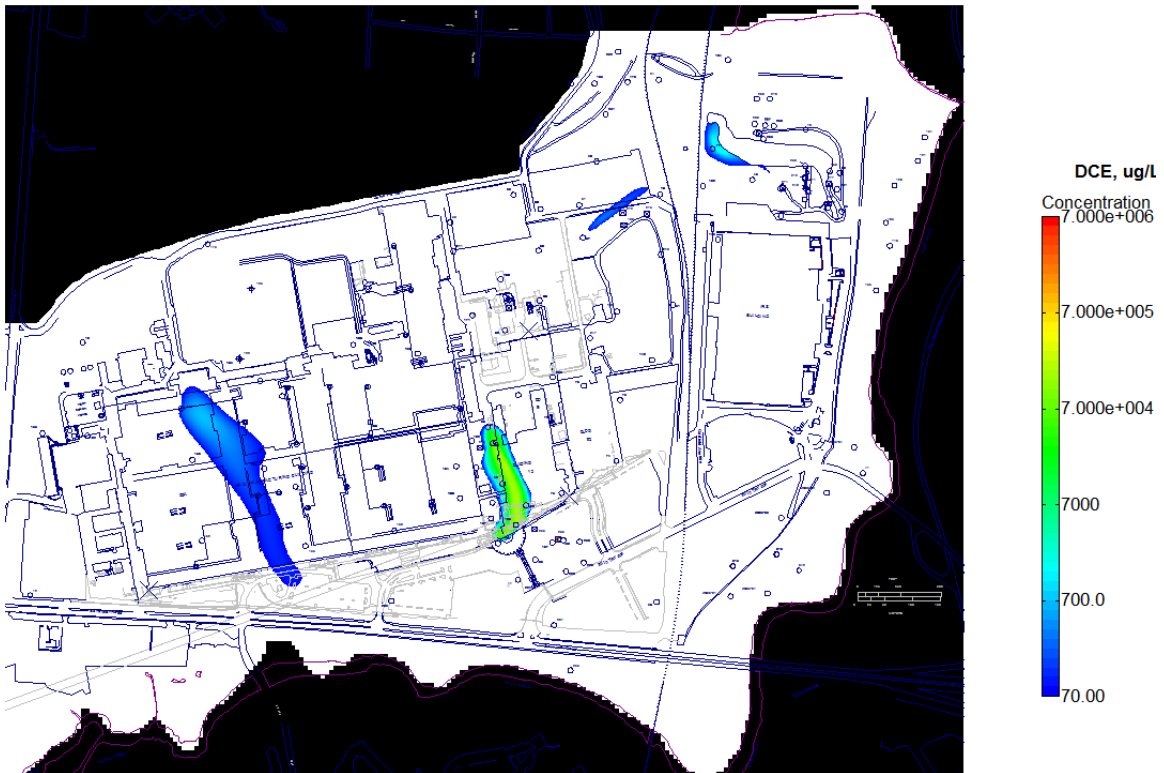


Future Conditions: DCE, Year 127, 127 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Future Conditions: DCE, Year 128, 128 years after source remediation



Future Conditions: DCE, Year 129, 129 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction





Future Conditions: DCE, Year 130, 130 years after source remediation



Future Conditions: DCE, Year 135, 135 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

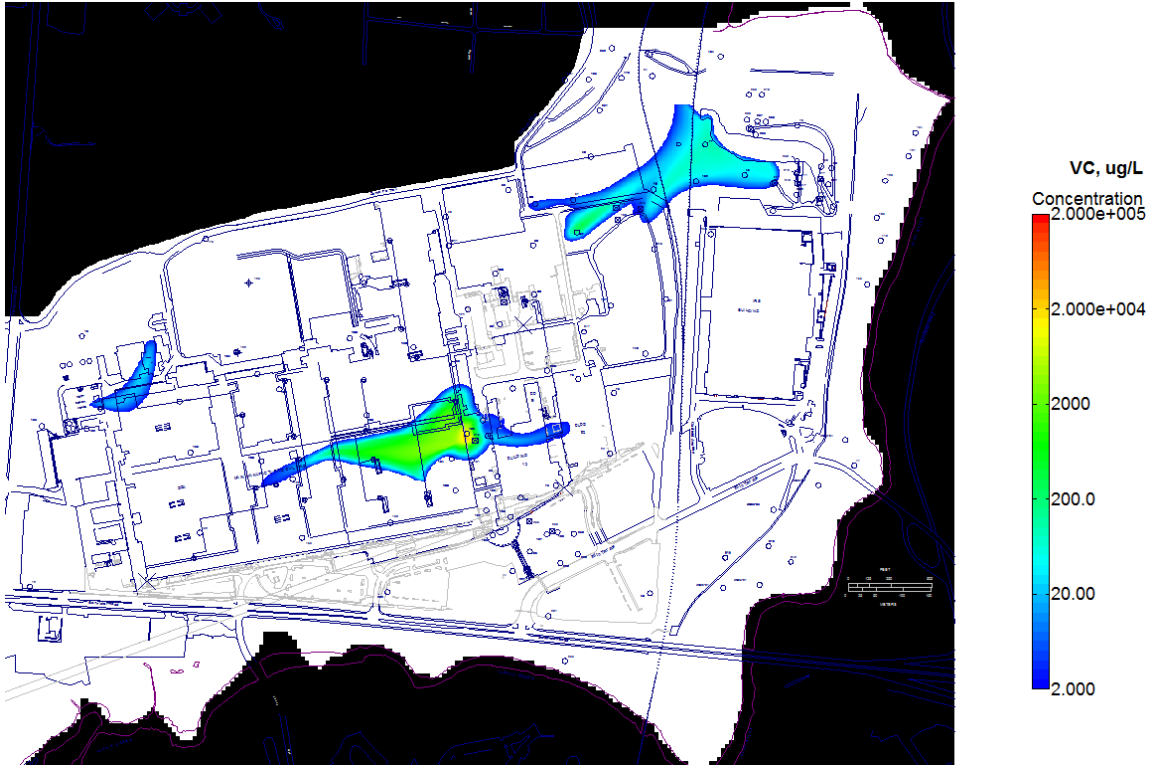


Future Conditions: DCE, Year 145, 145 years after source remediation

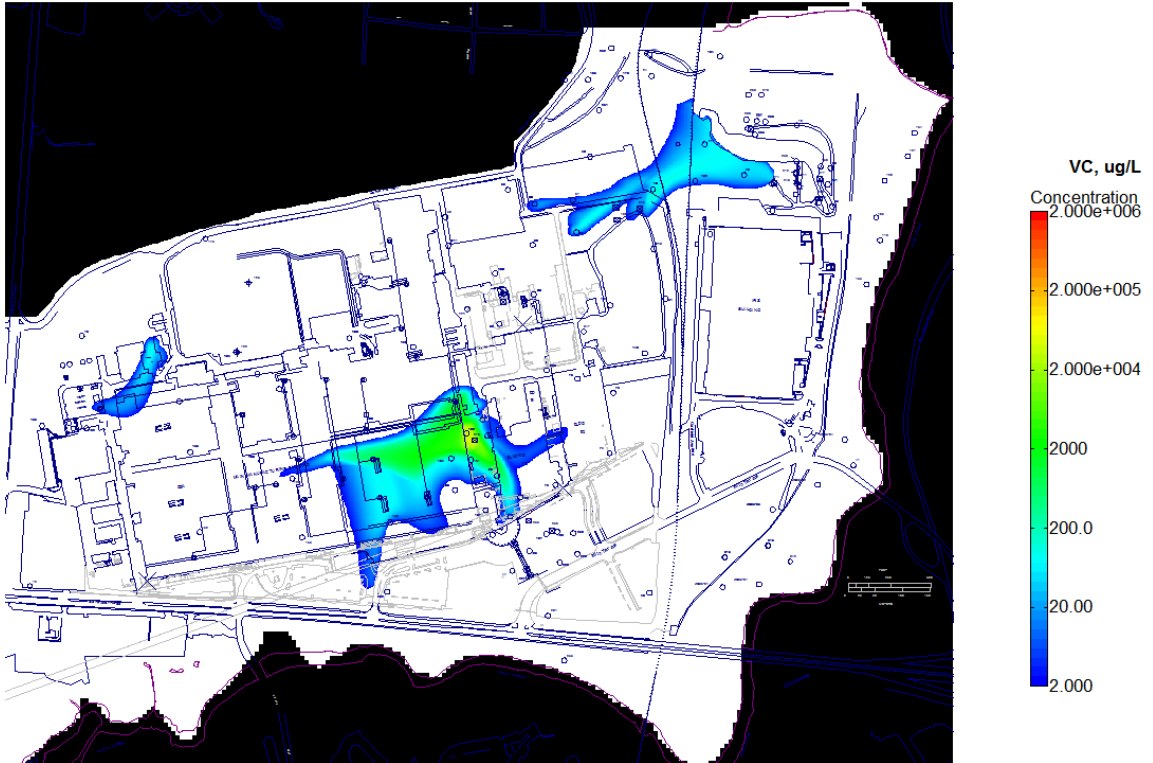
Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



**Appendix 60: Plumes – VC, Future Conditions, 50% Source  
Concentration Reduction, 50% Source Concentration  
Reduction**

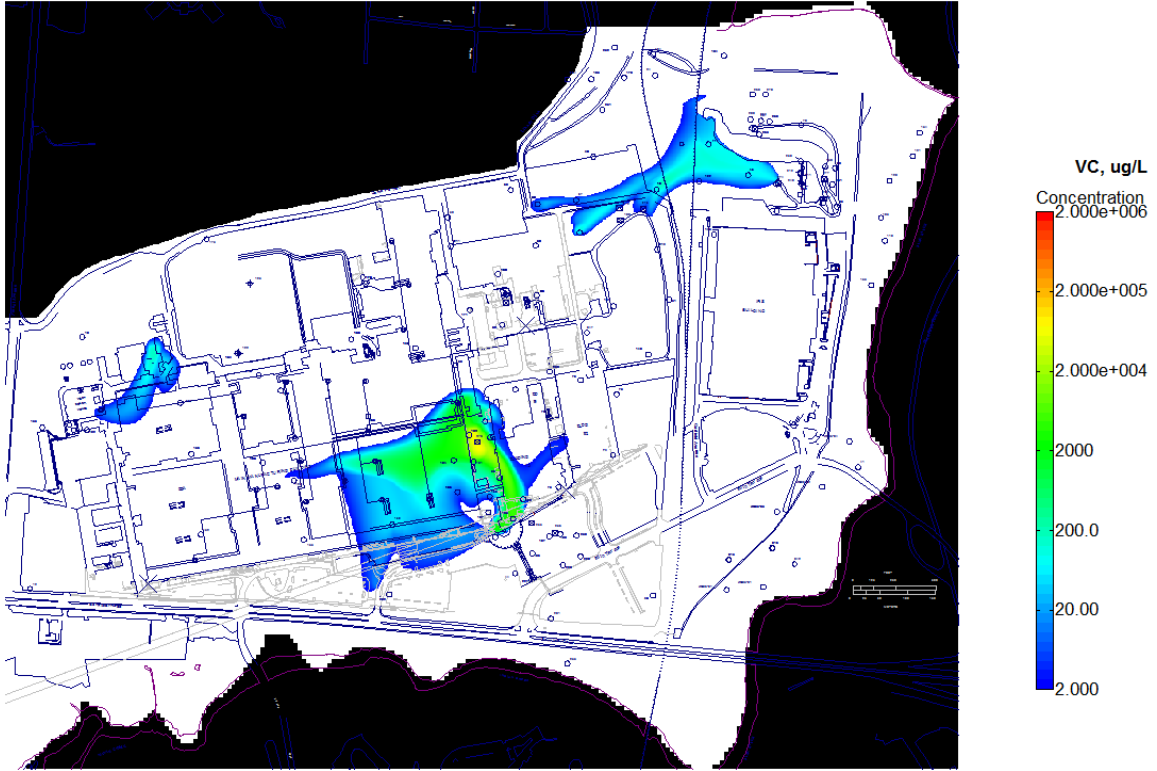


Future Conditions: Initial VC Concentrations

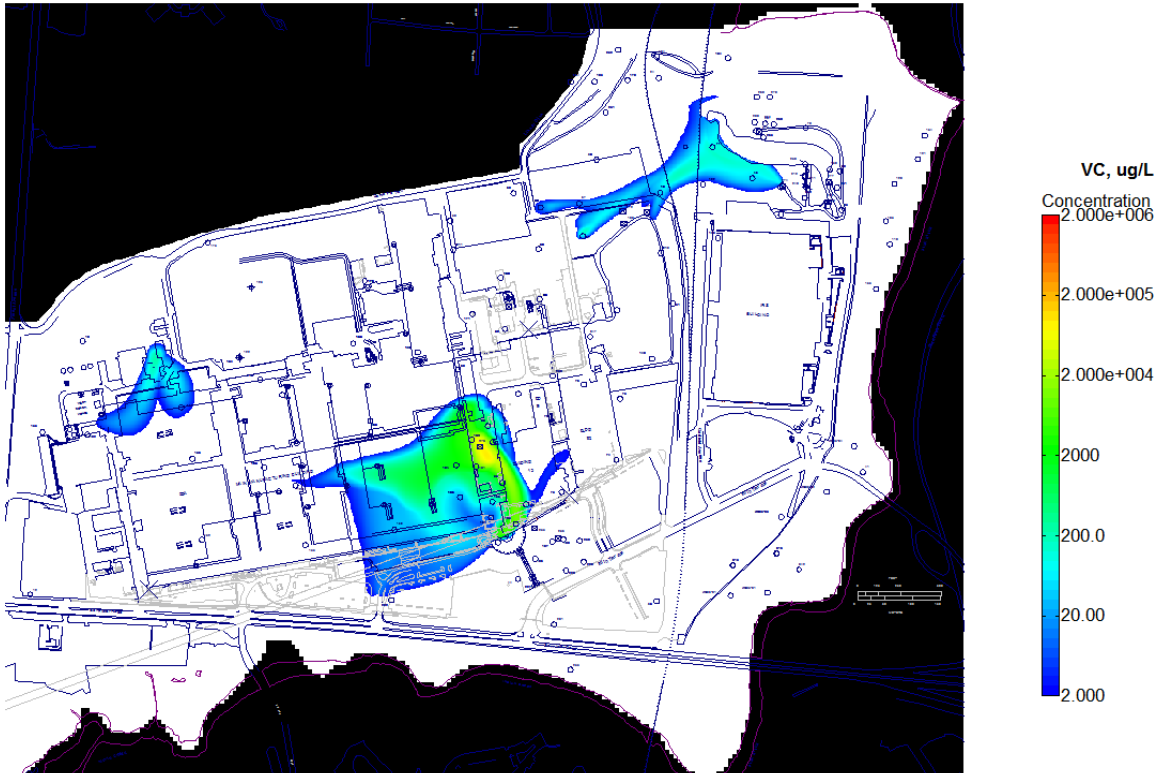


Future Conditions: VC, Year 1, 1 year after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

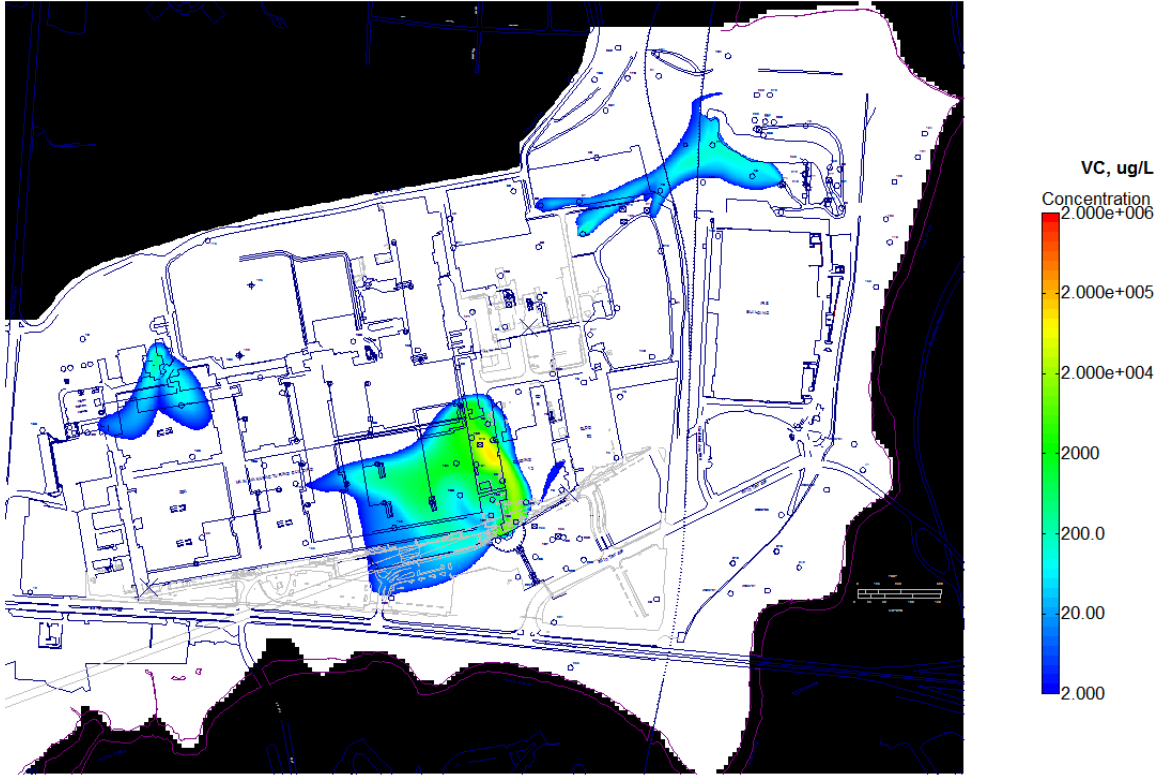


Future Conditions: VC, Year 2, 2 years after source remediation

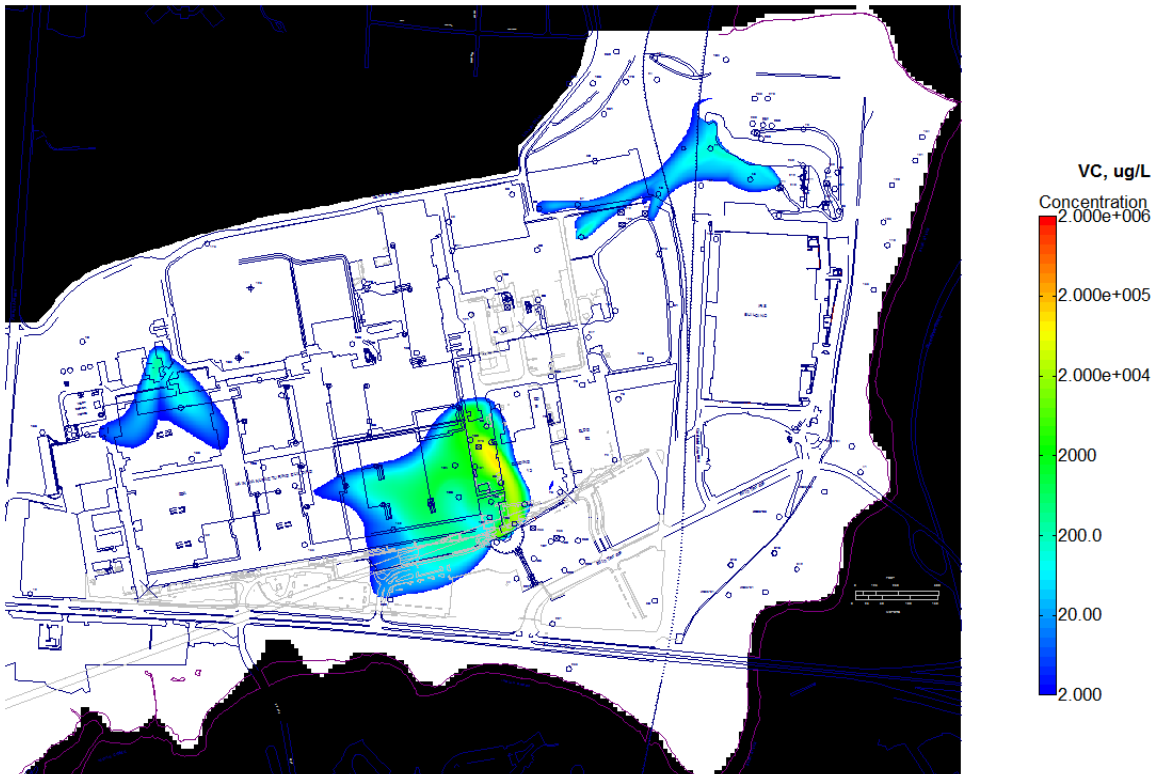


Future Conditions: VC, Year 3, 3 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

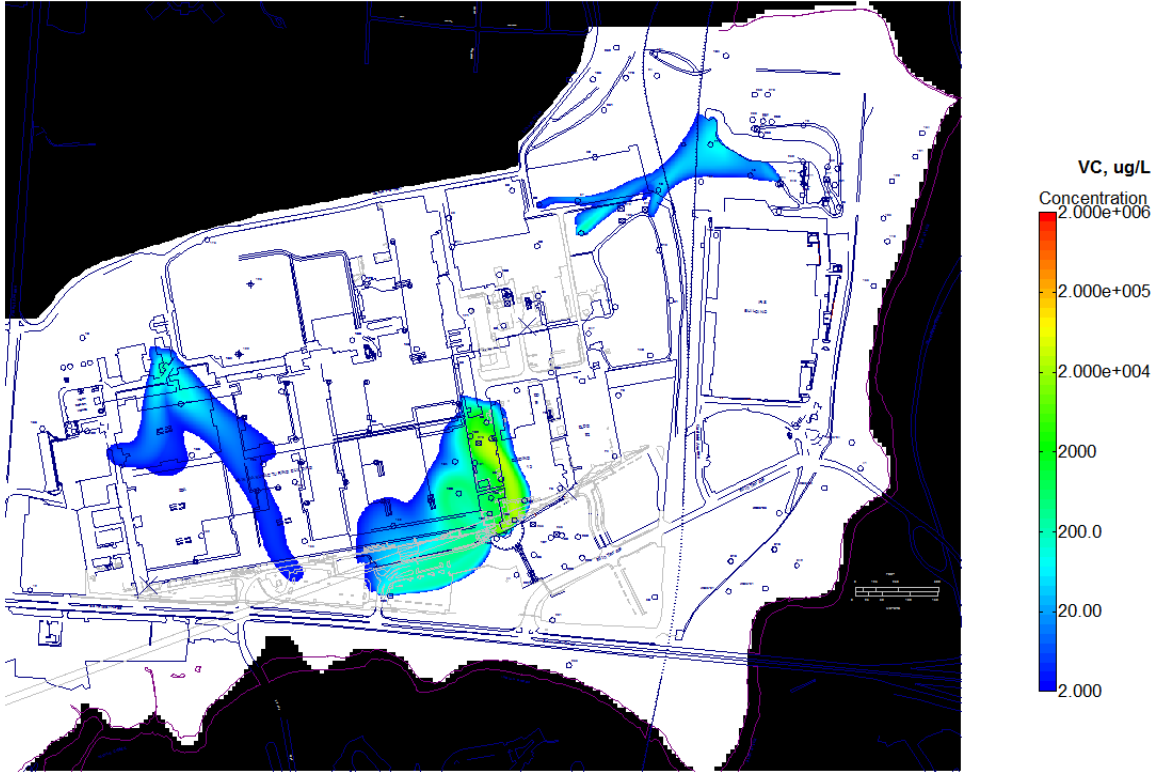


Future Conditions: VC, Year 4, 4 years after source remediation



Future Conditions: VC, Year 5, 5 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

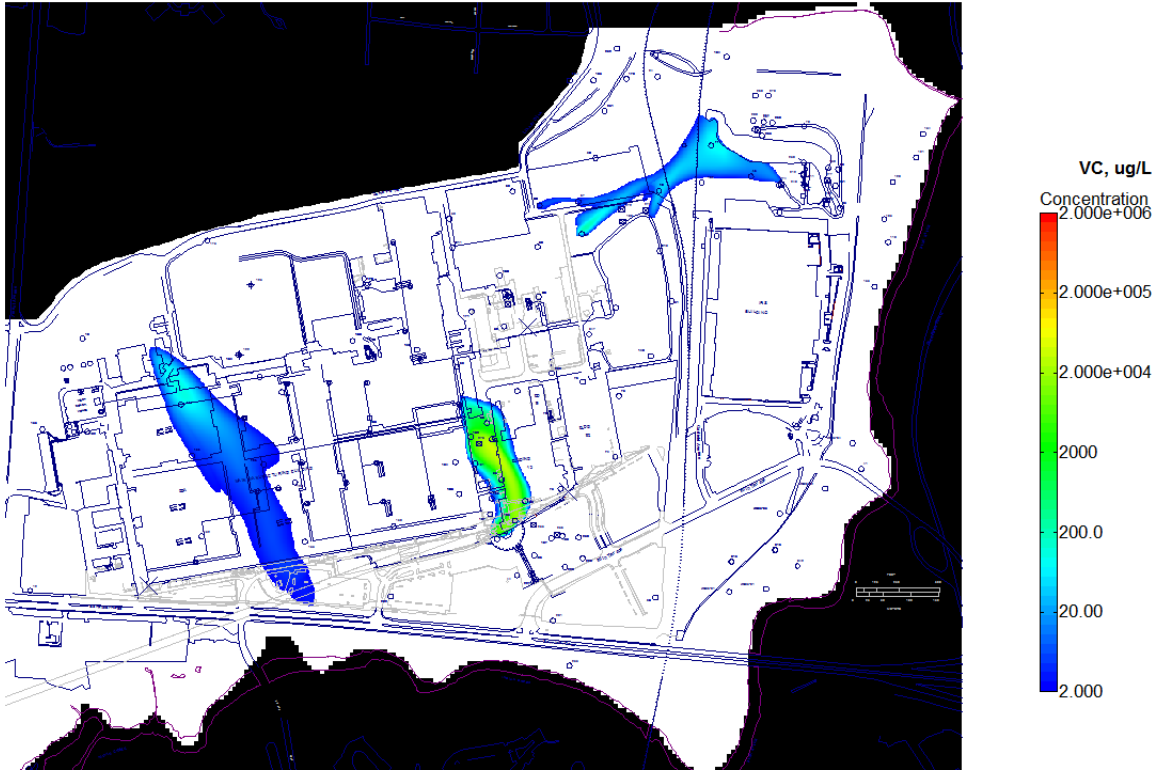


Future Conditions: VC, Year 10, 10 years after source remediation

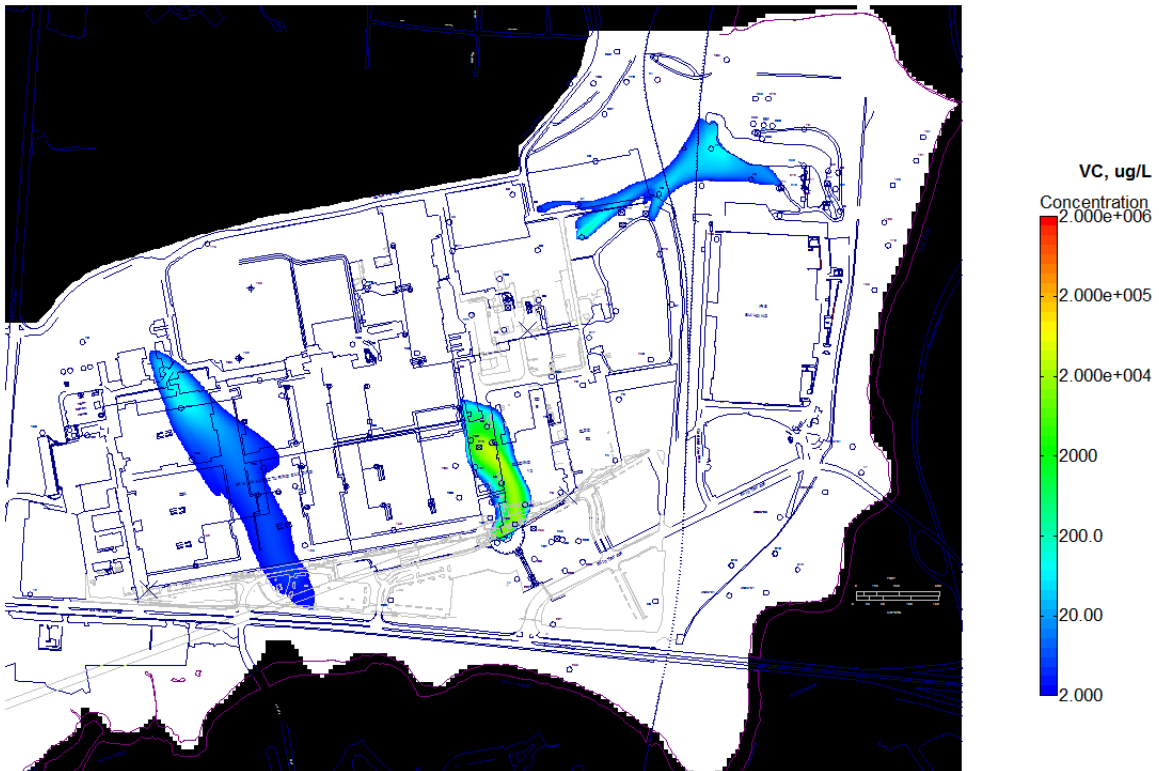


Future Conditions: VC, Year 20, 20 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



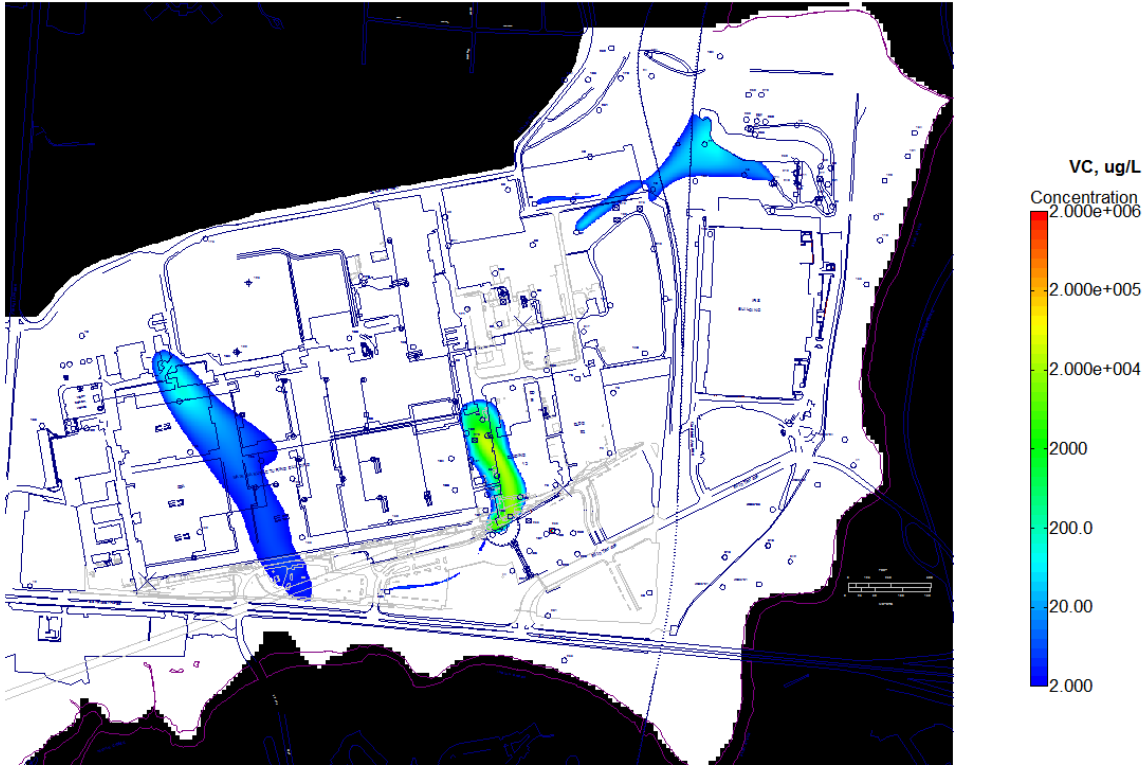
Future Conditions: VC, Year 30, 30 years after source remediation



Future Conditions: VC, Year 31 to 125, source concentration stable

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction





Future Conditions: VC, Year 126, 126 years after source remediation



Future Conditions: VC, Year 127, 127 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction





Future Conditions: VC, Year 128, 128 years after source remediation



Future Conditions: VC, Year 129, 129 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



Future Conditions: VC, Year 130, 130 years after source remediation



Future Conditions: VC, Year 135, 135 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction



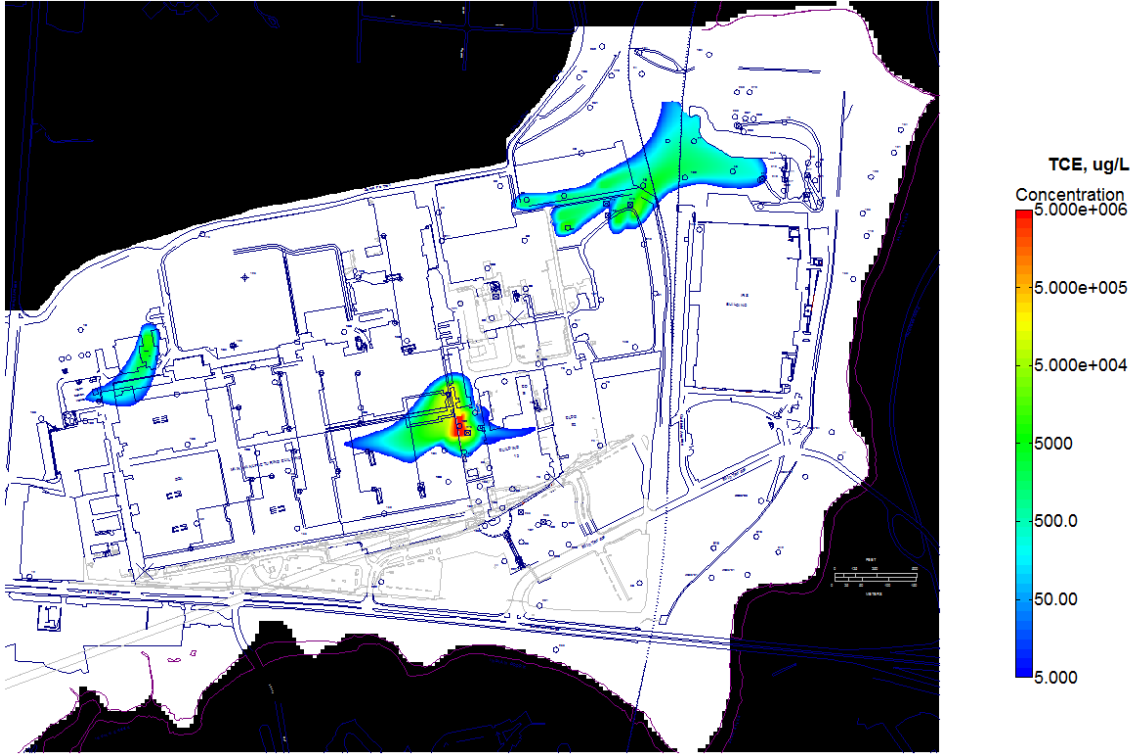
Future Conditions: VC, Year 145, 145 years after source remediation



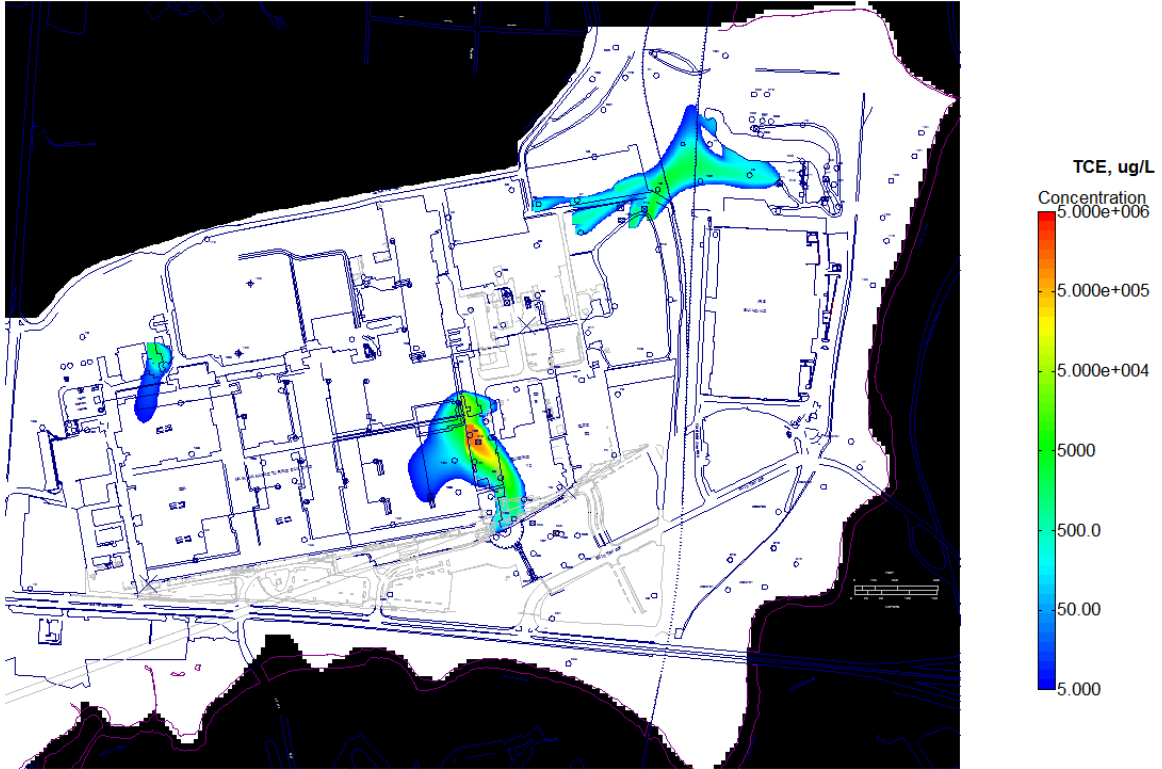
Future Conditions: VC, Year 155, 155 years after source remediation

Future Conditions, 50% Source Concentration Reduction, 50% Source Duration Reduction

**Appendix 61: Plumes – TCE, Future Conditions, 75% Source  
Concentration Reduction, 75% Source Concentration  
Reduction**

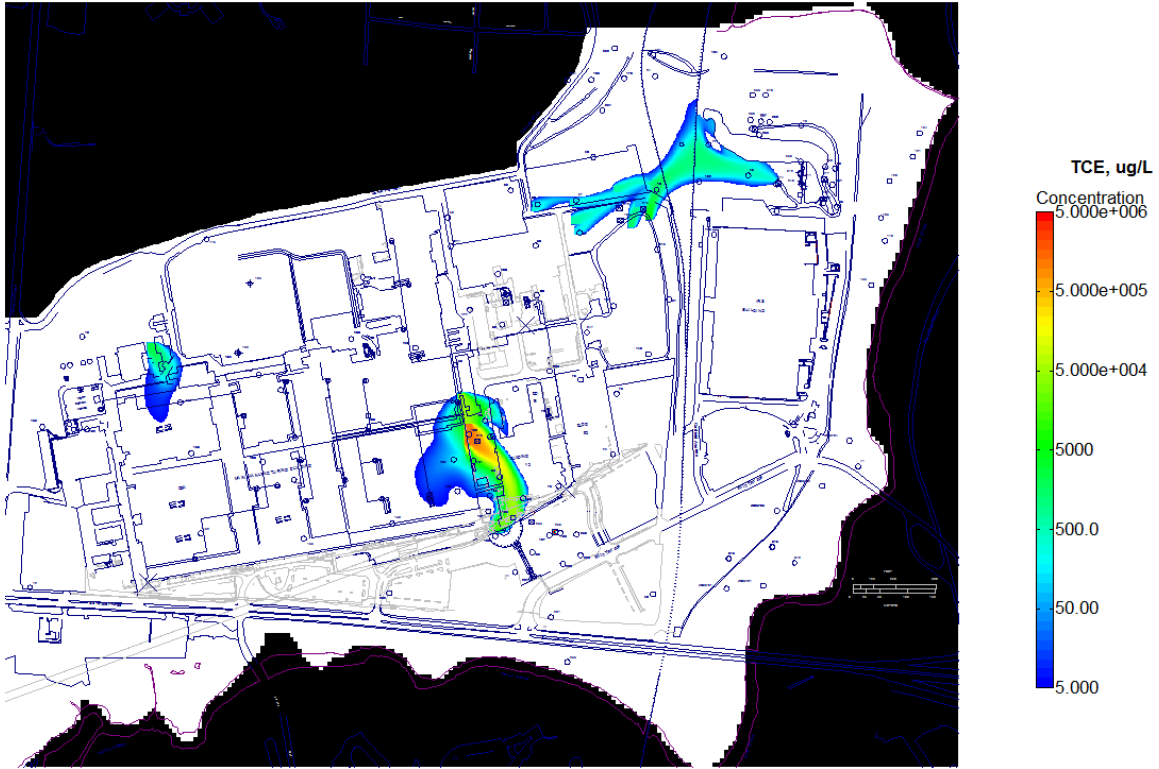


Future Conditions: Initial TCE Concentrations

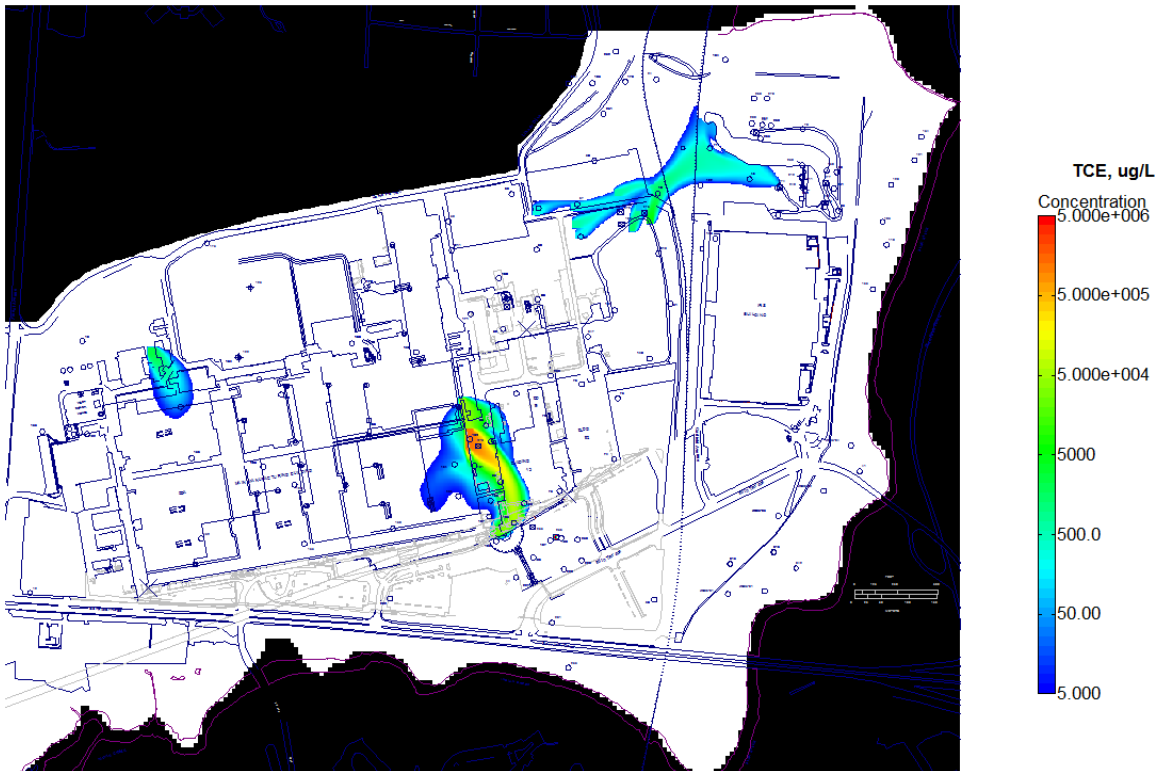


Future Conditions: TCE, Year 1, 1 year after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



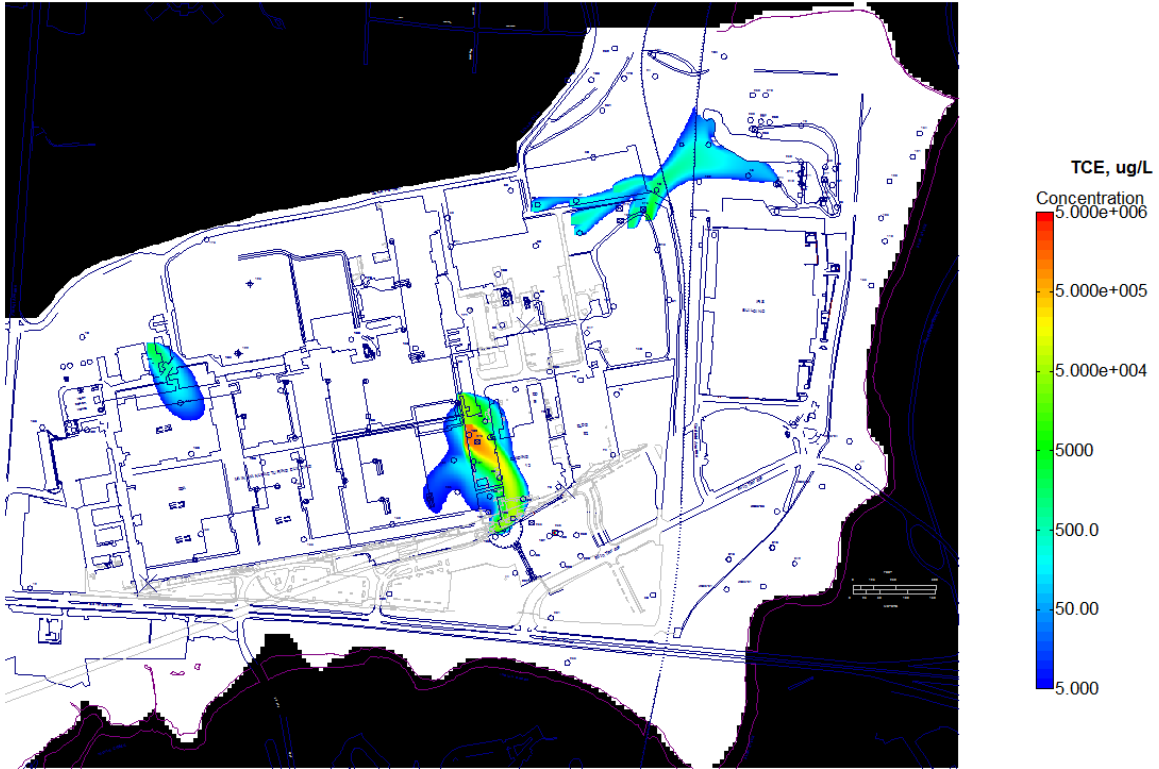
Future Conditions: TCE, Year 2, 2 years after source remediation



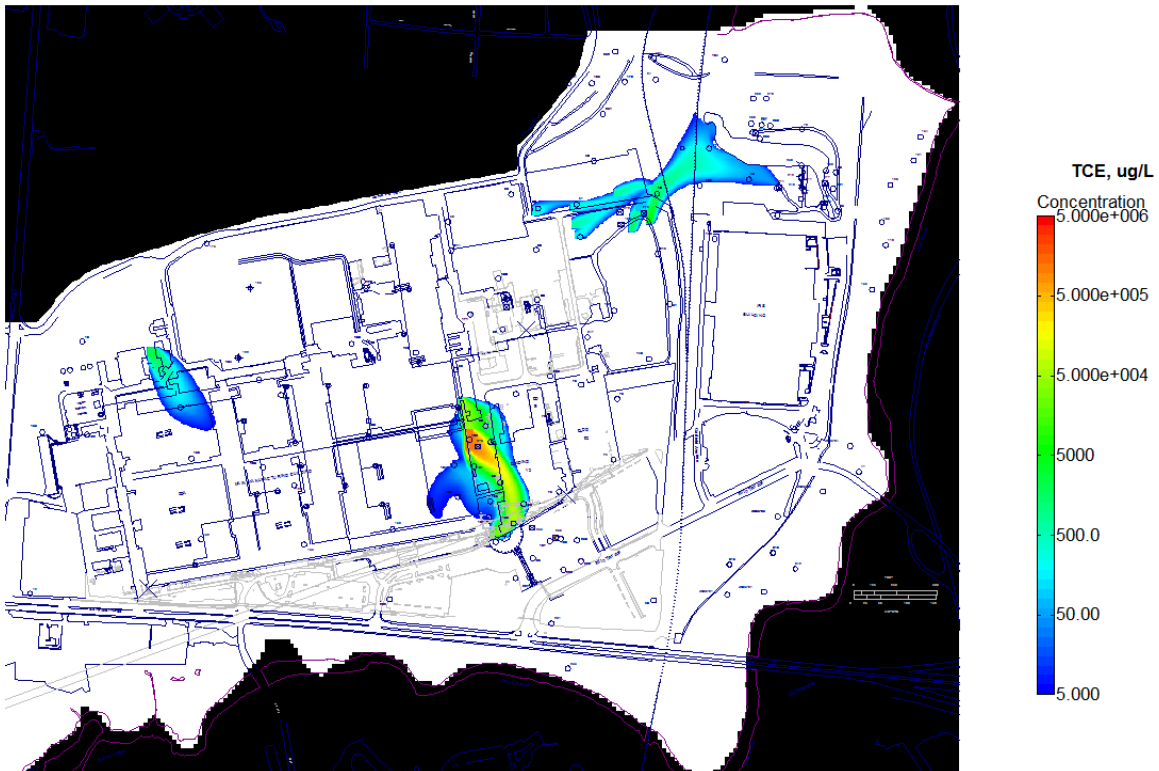
Future Conditions: TCE, Year 3, 3 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction





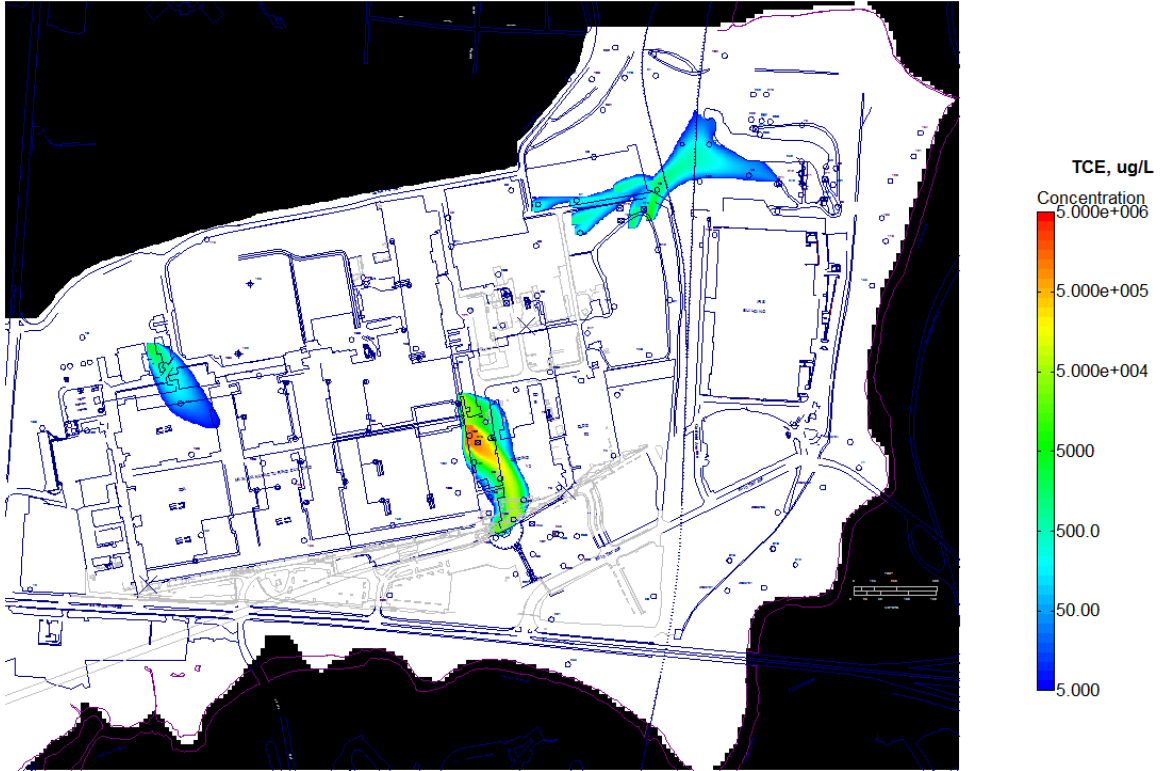
Future Conditions: TCE, Year 4, 4 years after source remediation



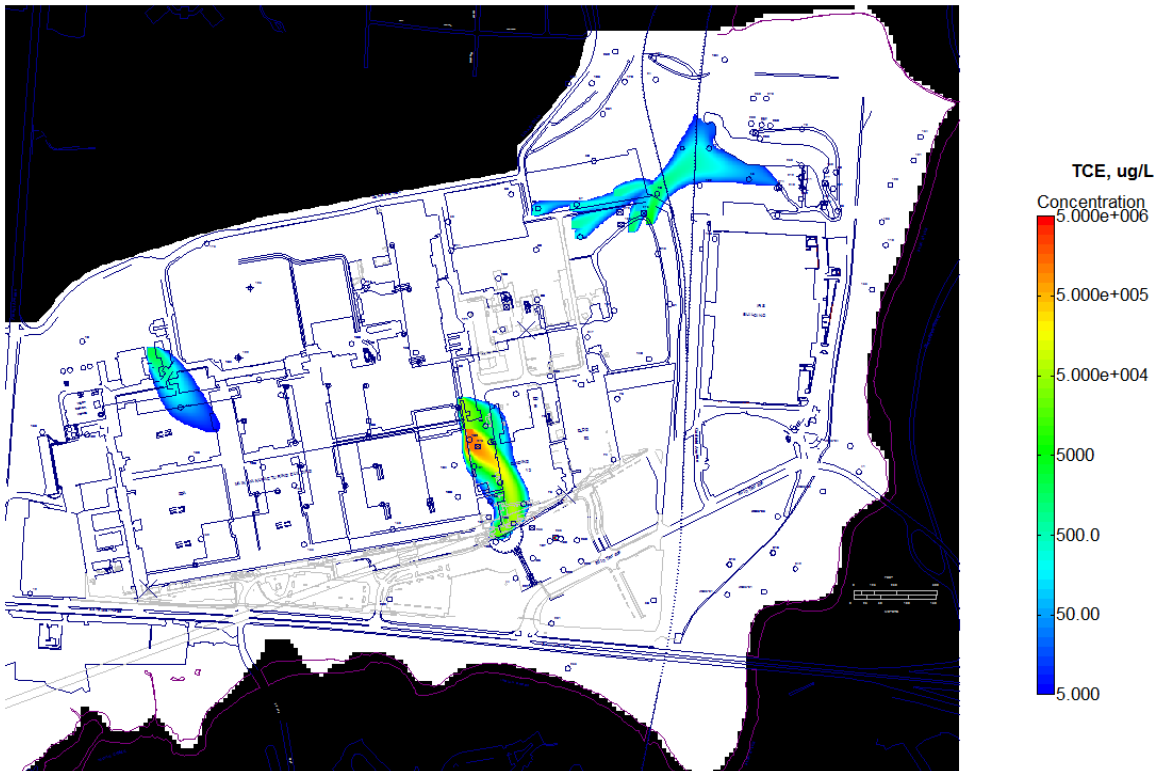
Future Conditions: TCE, Year 5, 5 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



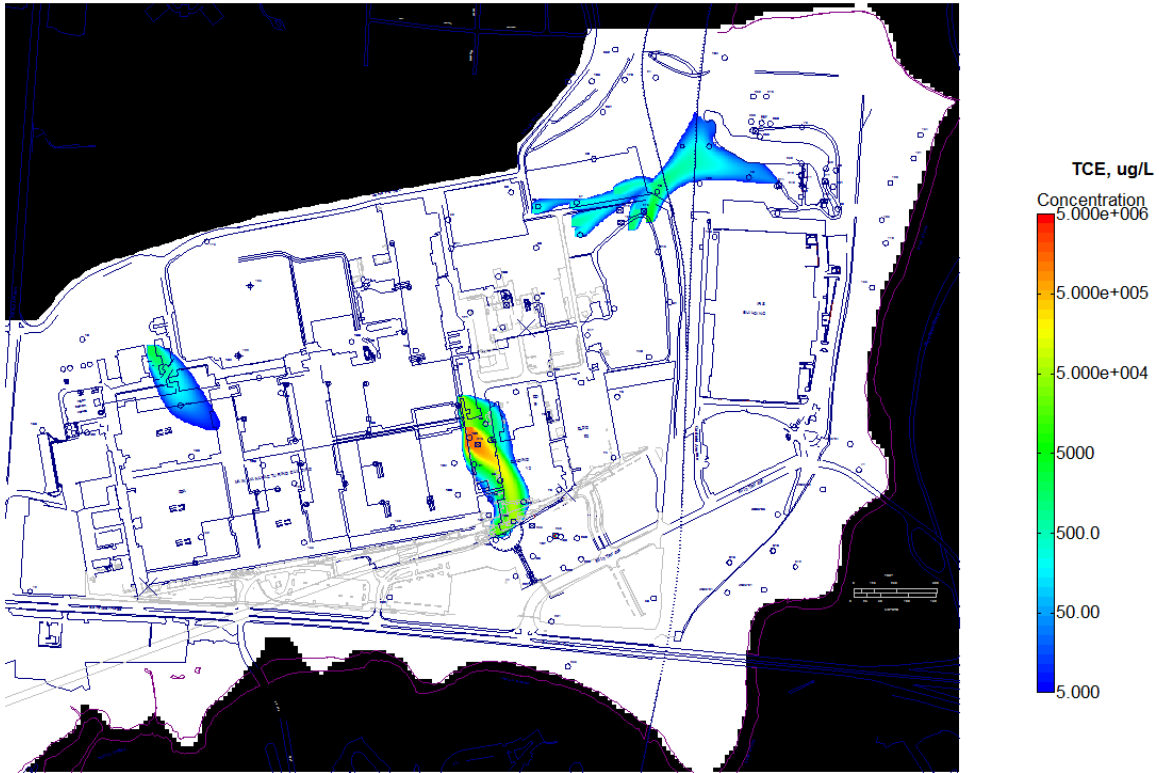


Future Conditions: TCE, Year 10, 10 years after source remediation



Future Conditions: TCE, Year 20, 20 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Future Conditions: TCE, Year 21 to 63, source concentration stable



Future Conditions: TCE, Year 64, 64 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Future Conditions: TCE, Year 65, 65 years after source remediation



Future Conditions: TCE, Year 66, 66 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Future Conditions: TCE, Year 67, 67 years after source remediation



Future Conditions: TCE, Year 68, 68 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction

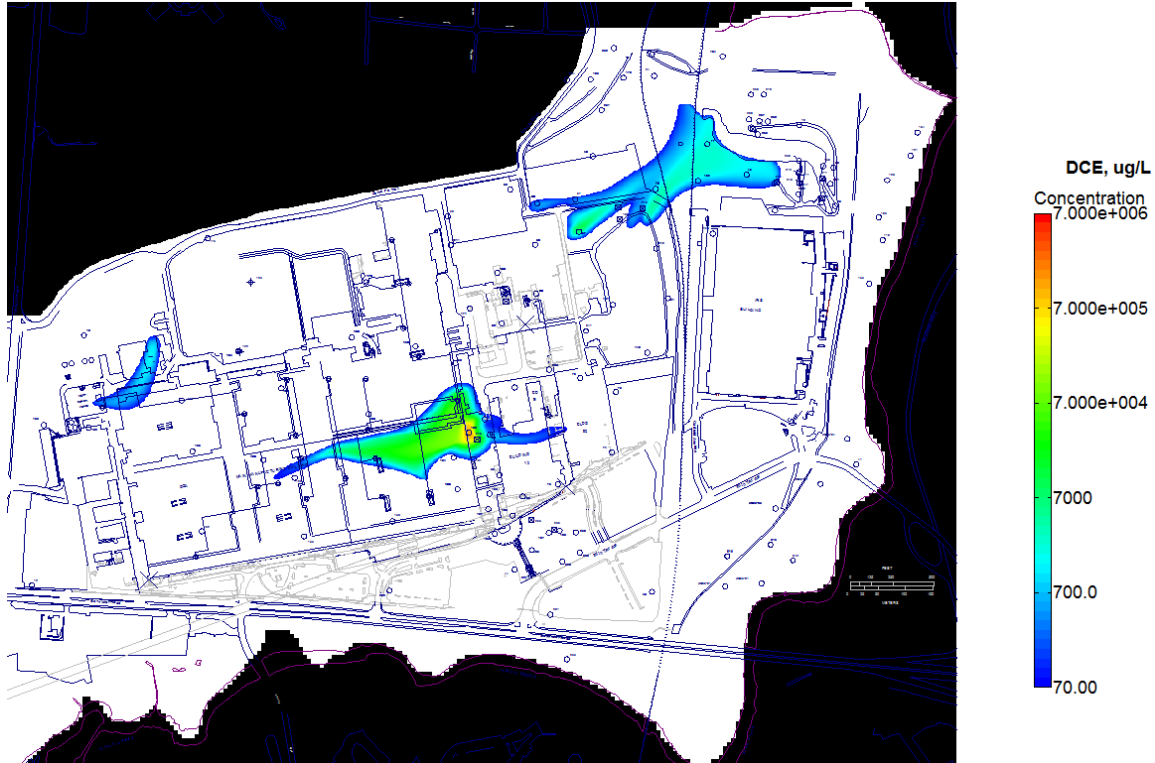




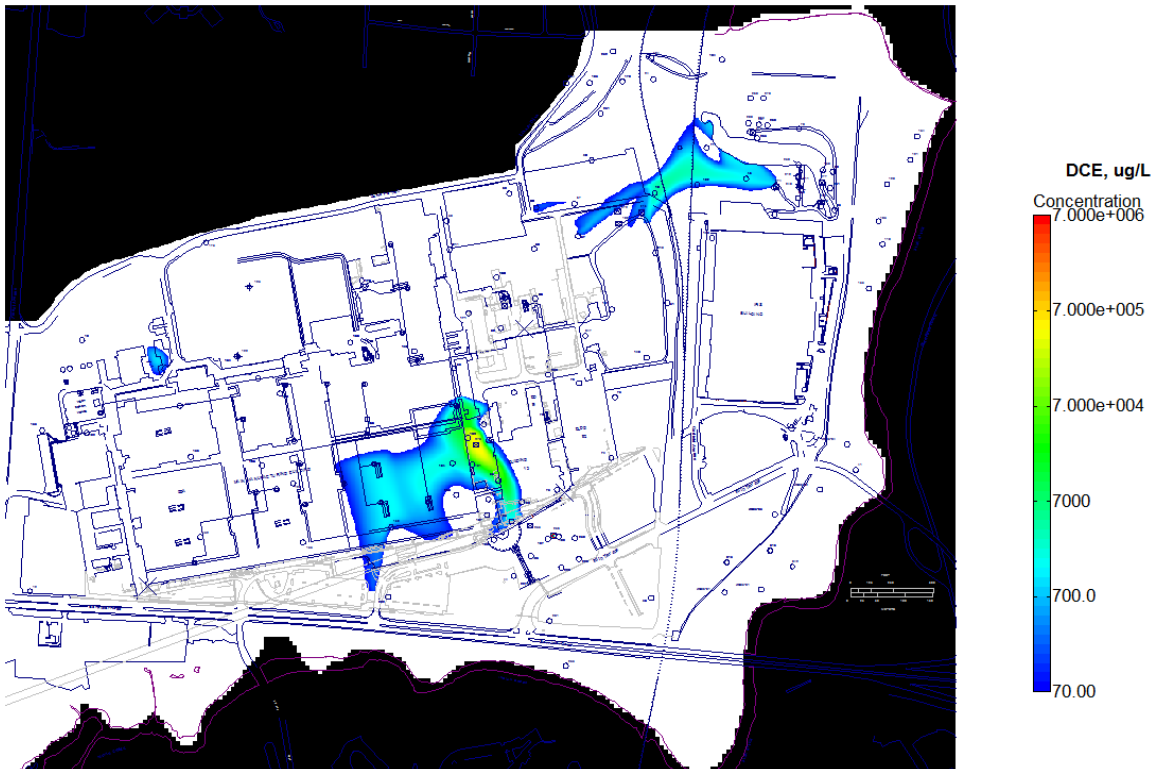
Future Conditions: TCE, Year 73, 73 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 62: Plumes – DCE, Future Conditions, 75% Source  
Concentration Reduction, 75% Source Concentration  
Reduction**



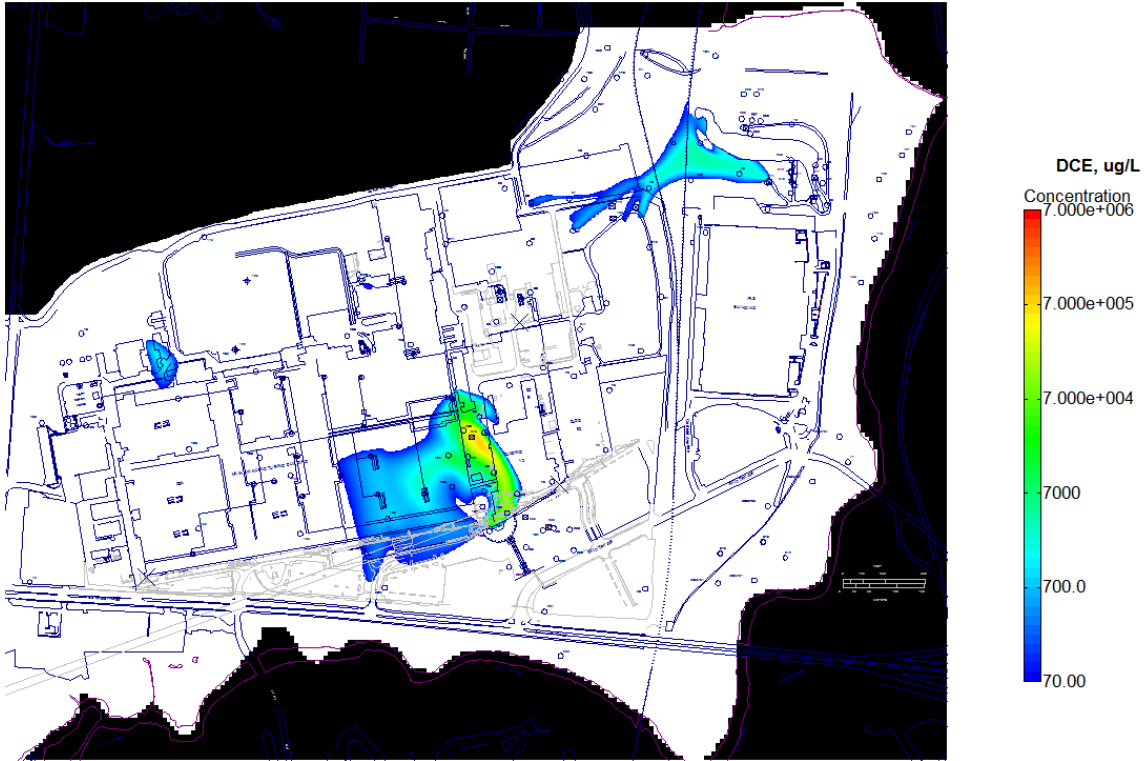
Future Conditions: Initial DCE Concentrations



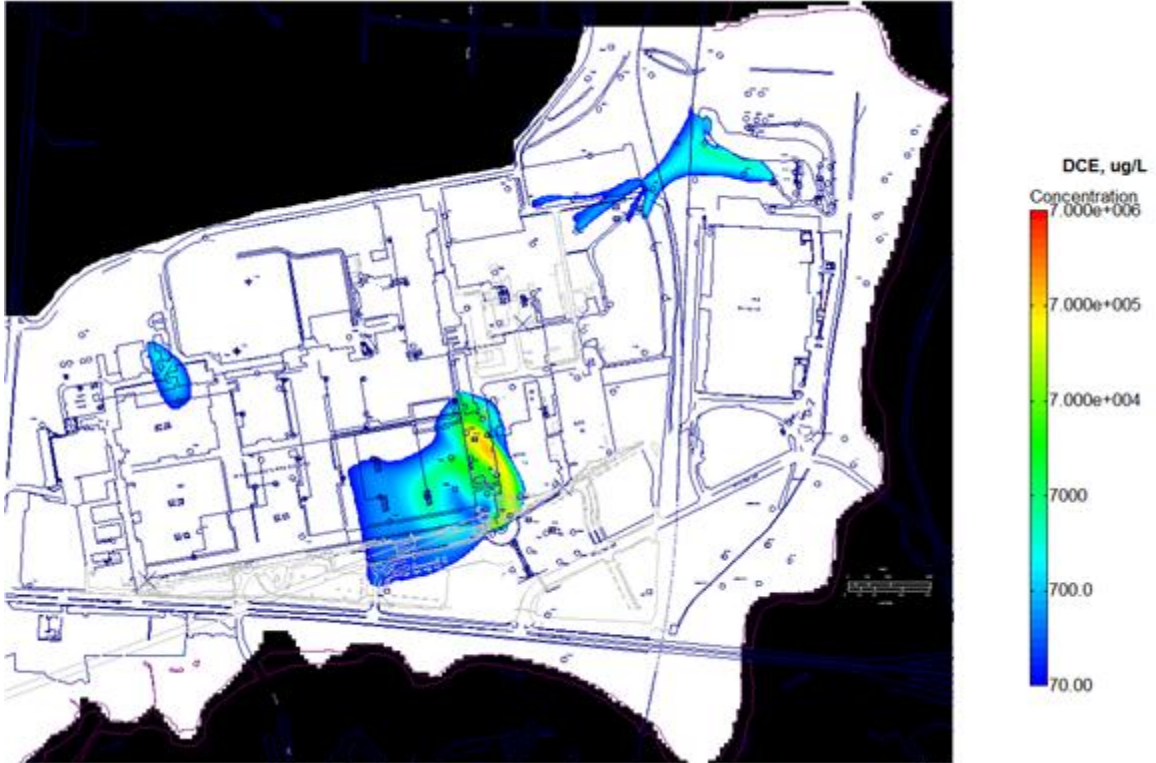
Future Conditions: DCE, Year 1, 1 year after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



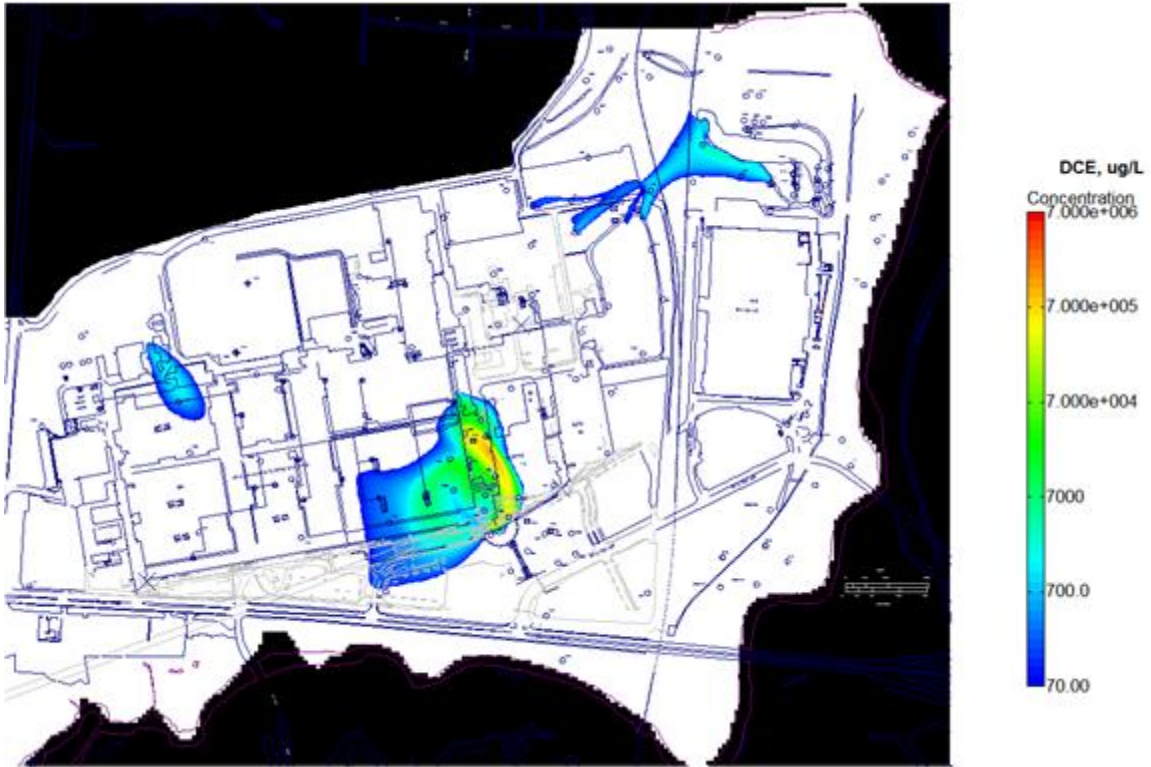


Future Conditions: DCE, Year 2, 2 years after source remediation



Future Conditions: DCE, Year 3, 3 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



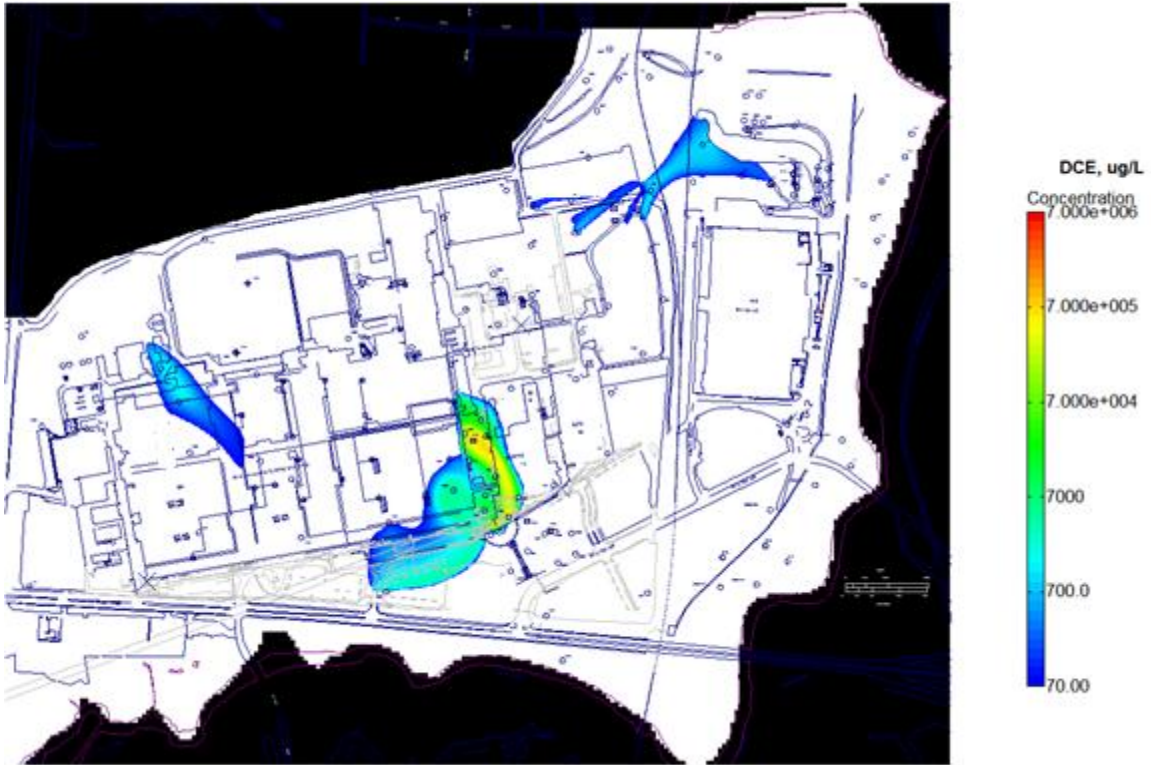
Future Conditions: DCE, Year 4, 4 years after source remediation



Future Conditions: DCE, Year 5, 5 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



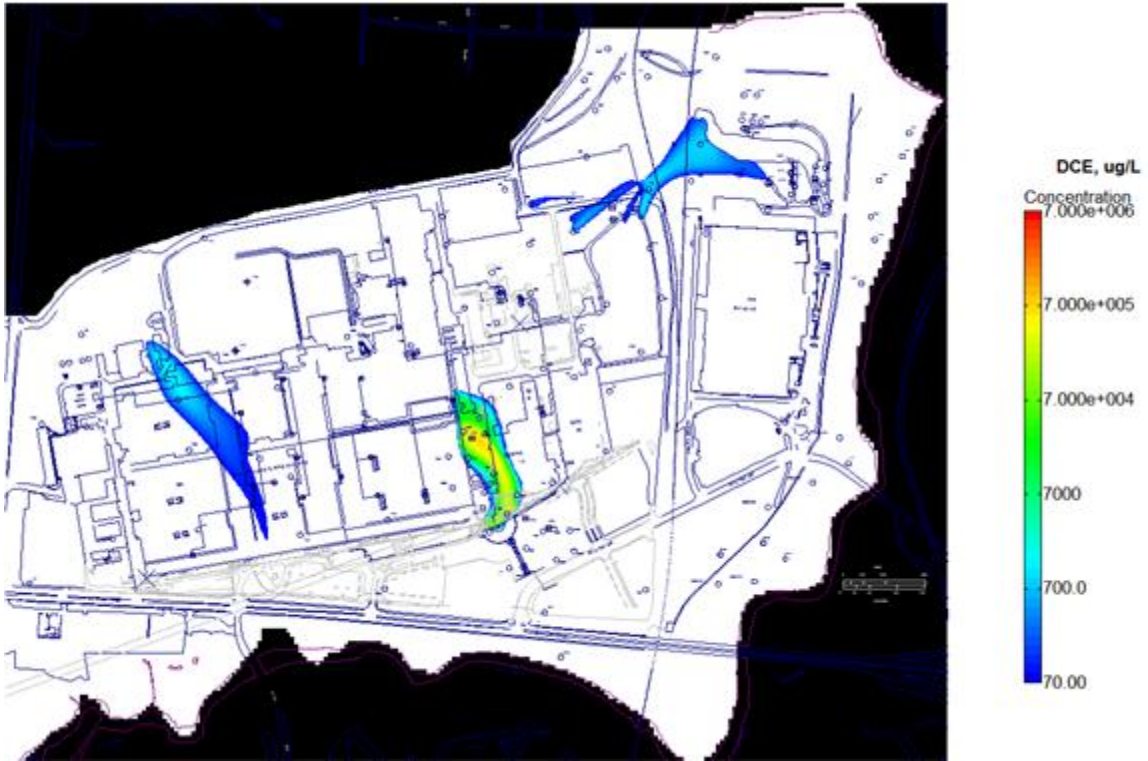


Future Conditions: DCE, Year 10, 10 years after source remediation



Future Conditions: DCE, Year 20, 20 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Future Conditions: DCE, Year 30, 30 years after source remediation



Future Conditions: DCE, Year 31 to 63, source concentration stable

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



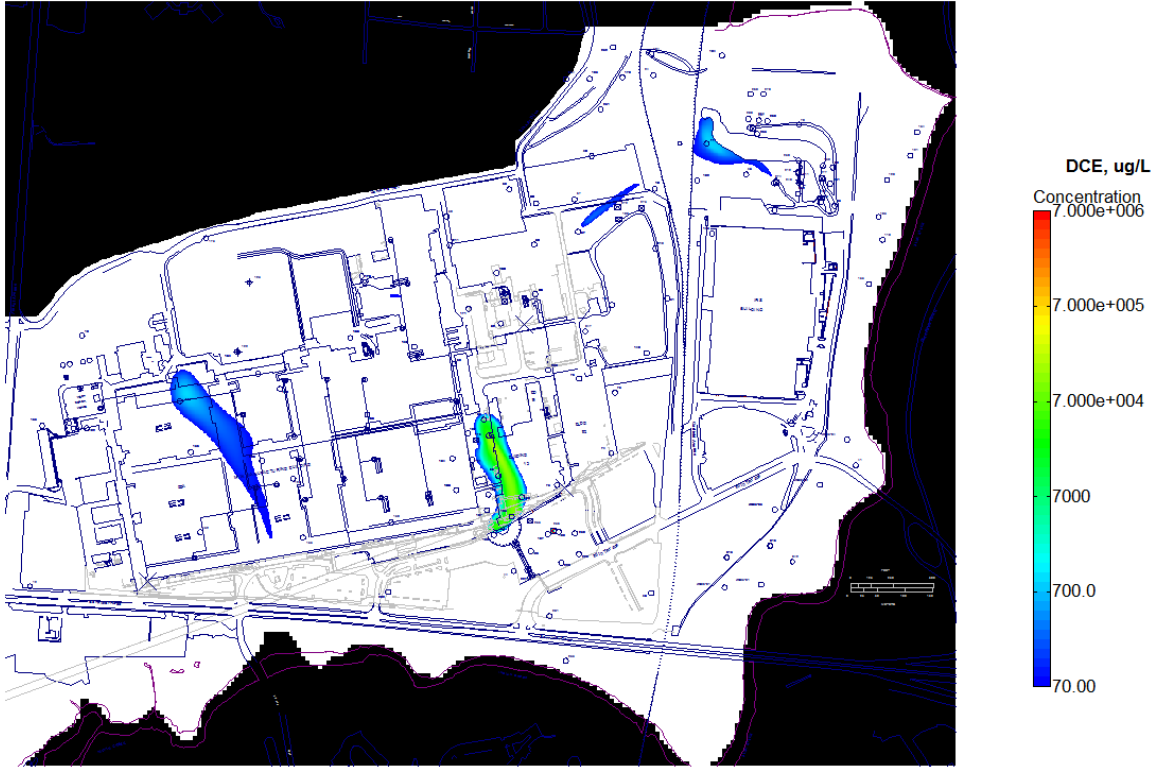


Future Conditions: DCE, Year 64, 64 years after source remediation



Future Conditions: DCE, Year 65, 65 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction

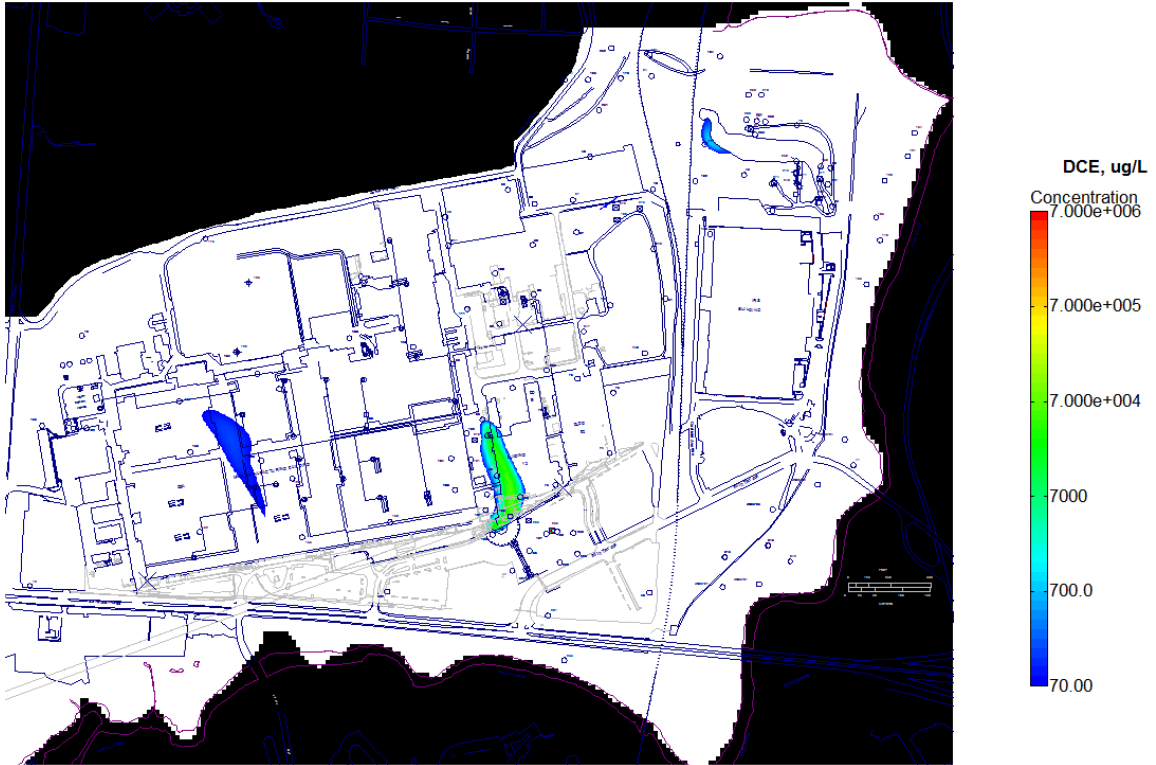


Future Conditions: DCE, Year 66, 66 years after source remediation



Future Conditions: DCE, Year 67, 67 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Future Conditions: DCE, Year 68, 68 years after source remediation



Future Conditions: DCE, Year 73, 73 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction

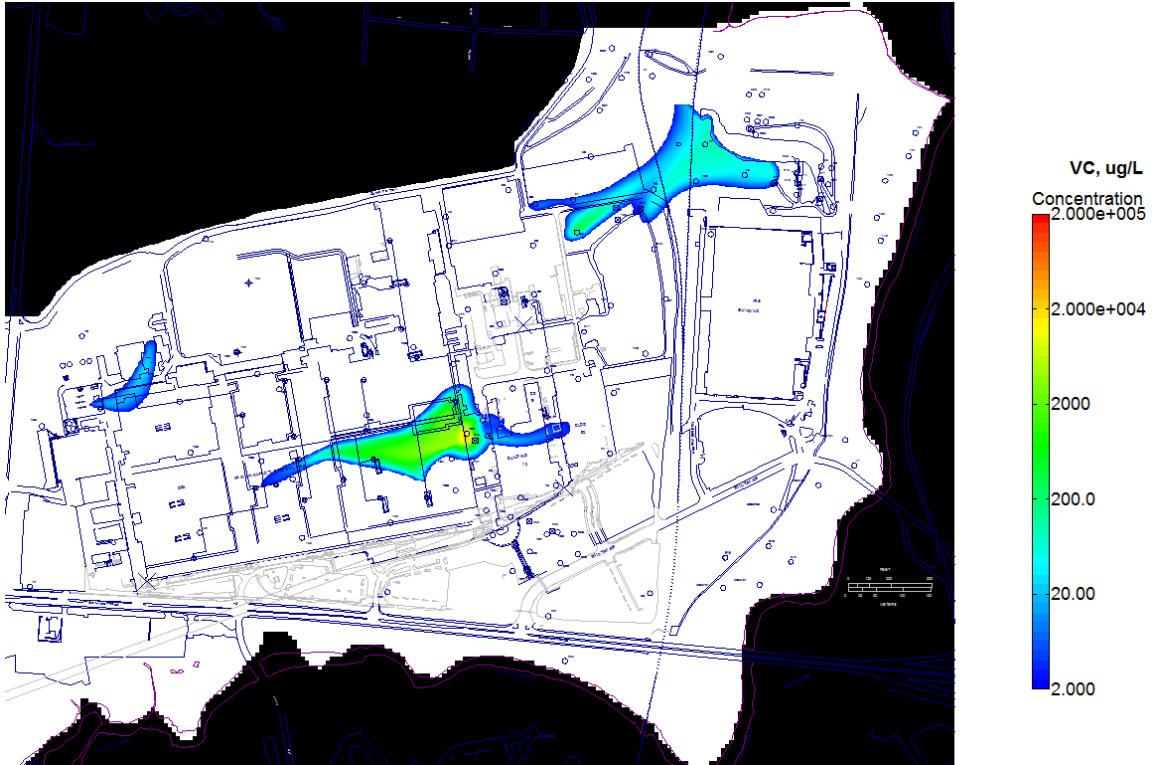




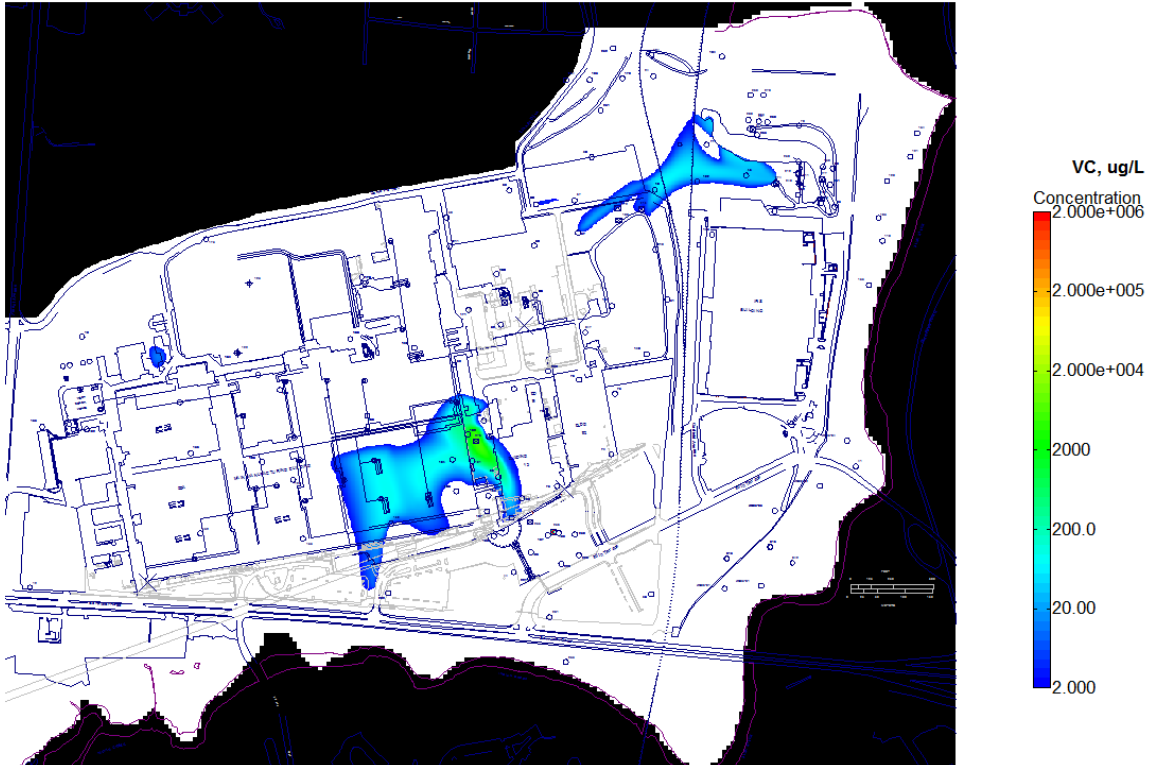
Future Conditions: DCE, Year 83, 83 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 63: Plumes – VC, Future Conditions, 75% Source  
Concentration Reduction, 75% Source Concentration  
Reduction**

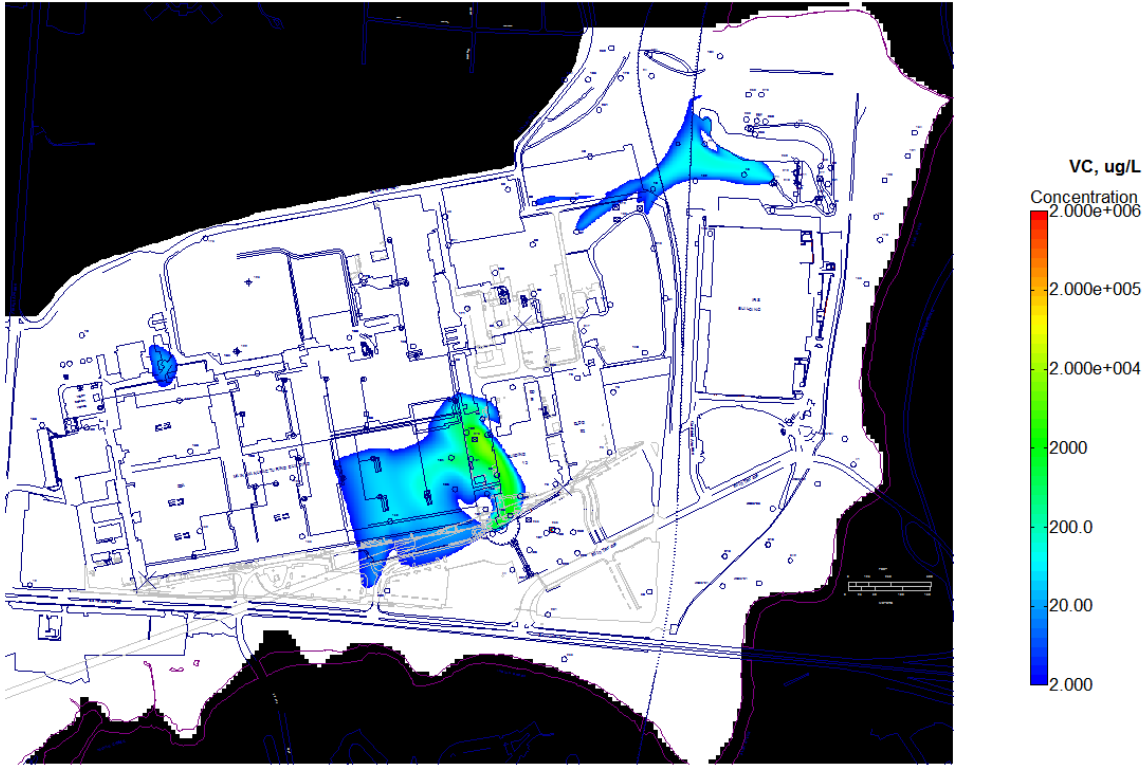


Future Conditions: Initial VC Concentrations

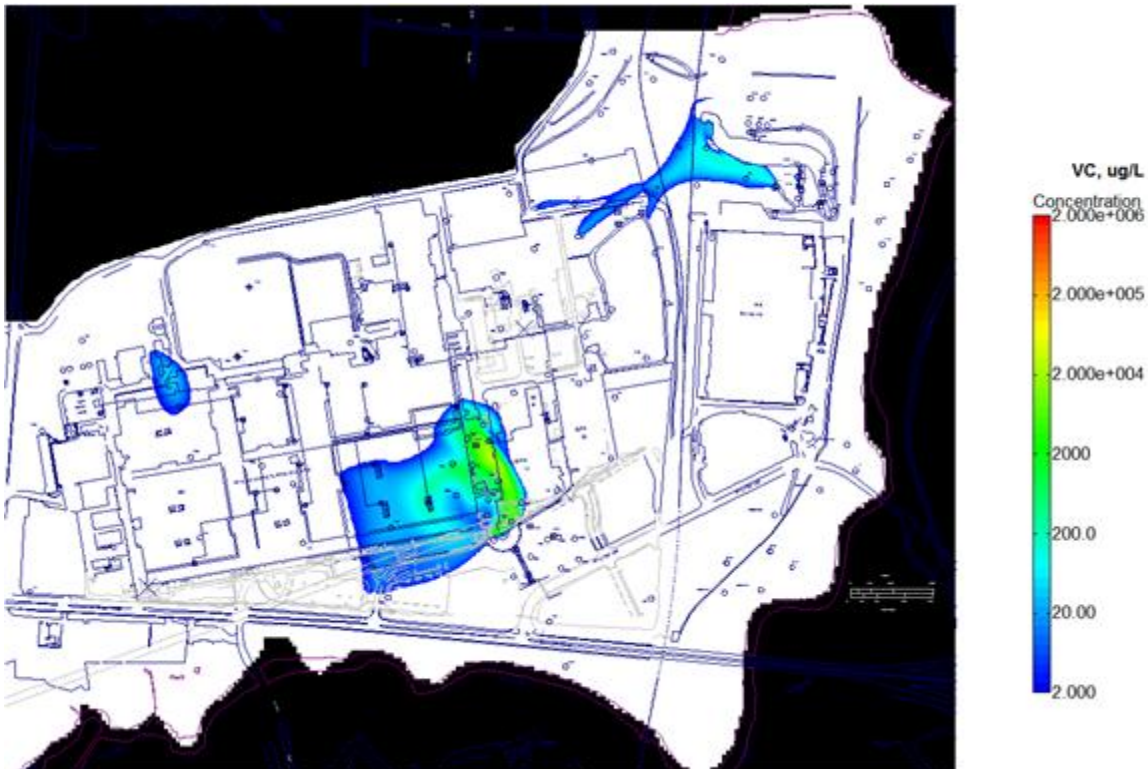


Future Conditions: VC, Year 1, 1 year after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction

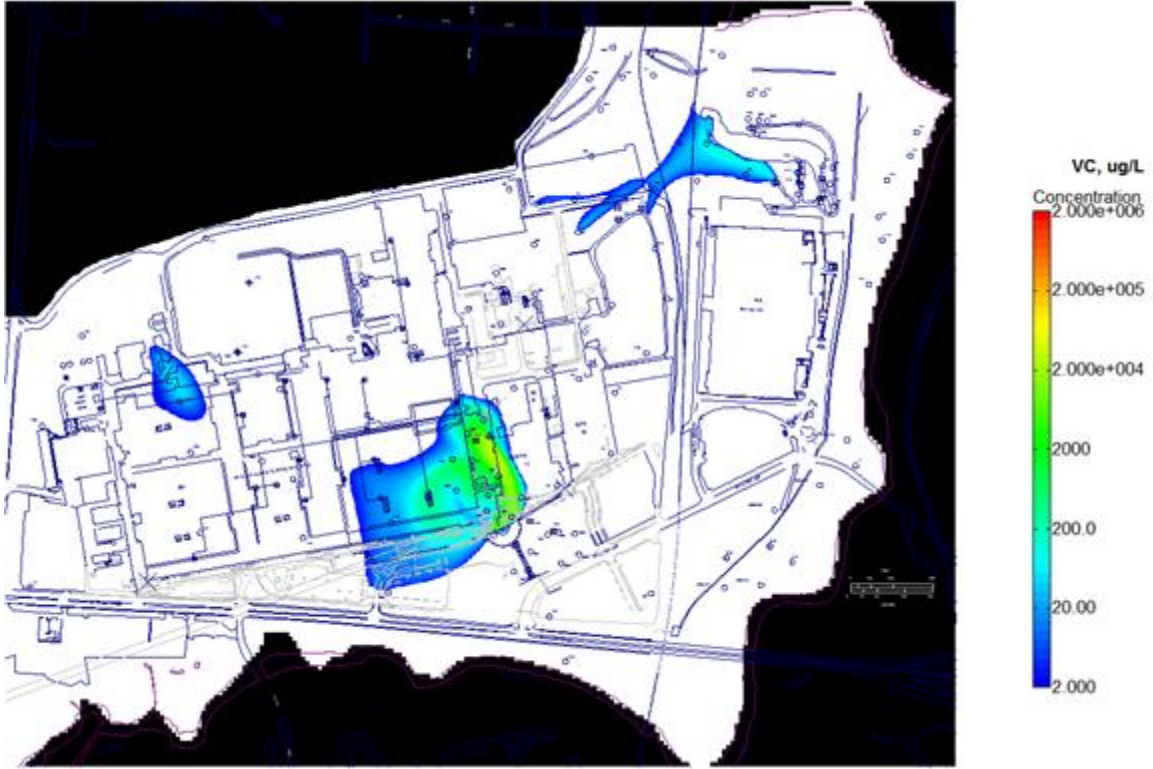


Future Conditions: VC, Year 2, 2 years after source remediation

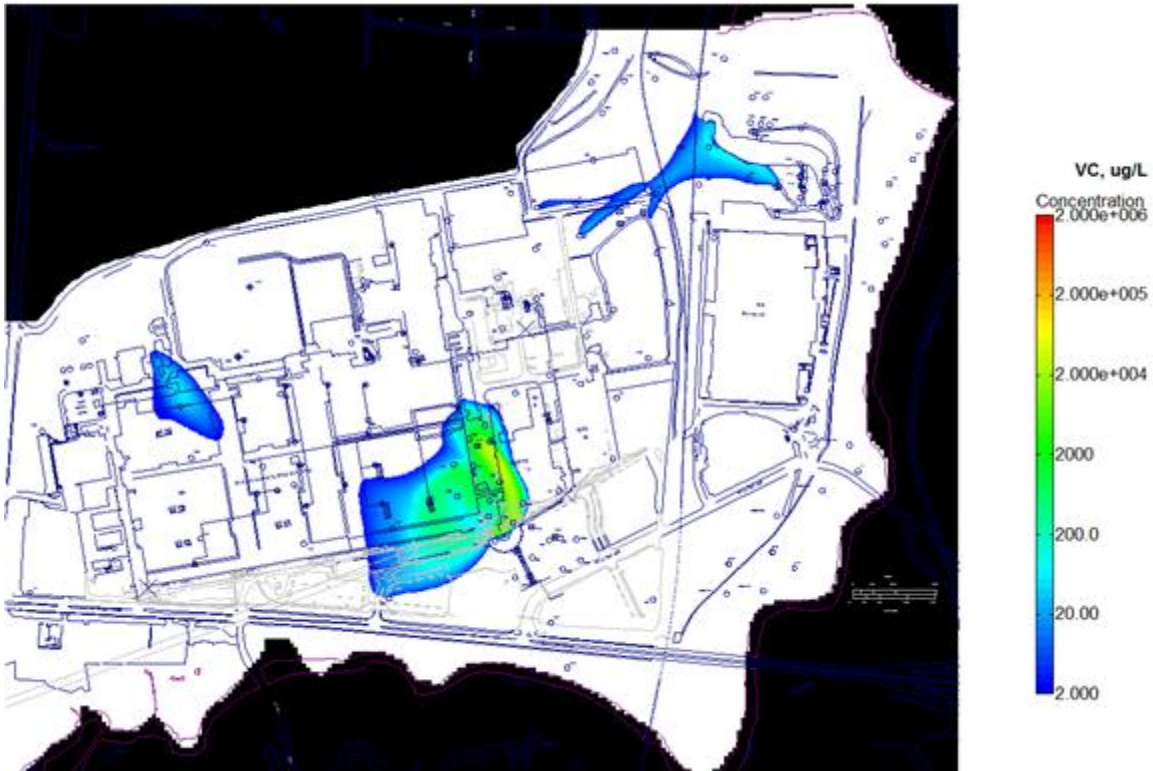


Future Conditions: VC, Year 3, 3 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



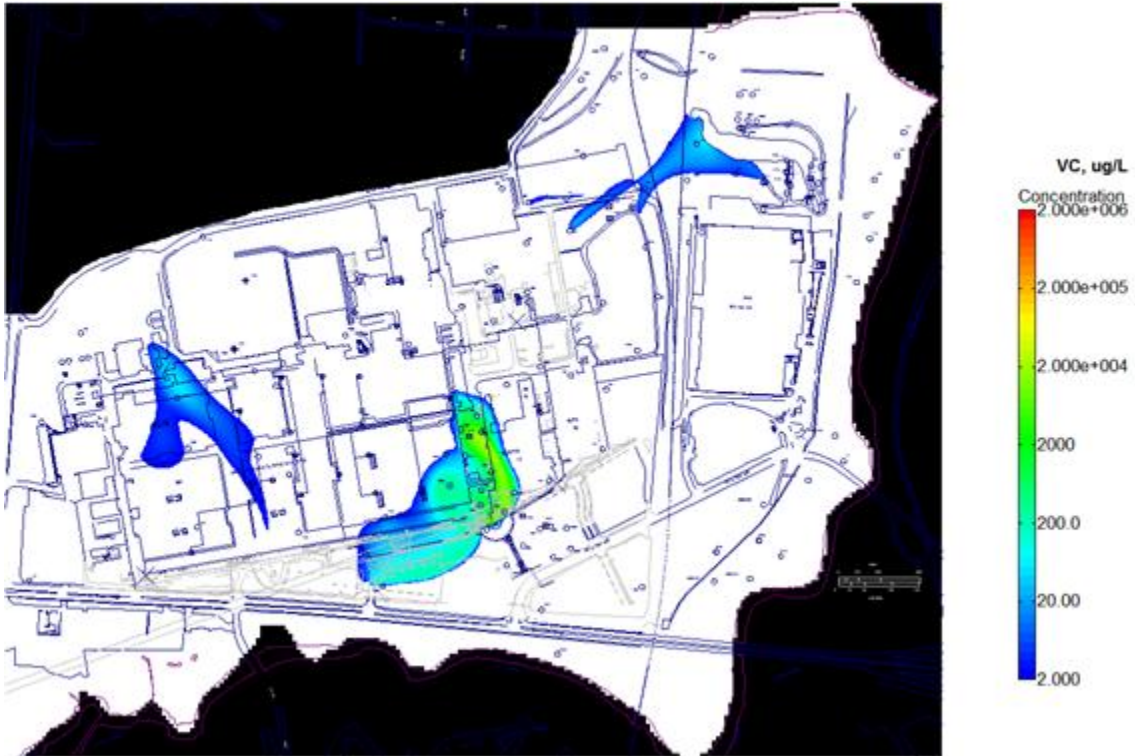
Future Conditions: VC, Year 4, 4 years after source remediation



Future Conditions: VC, Year 5, 5 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction





Future Conditions: VC, Year 10, 10 years after source remediation



Future Conditions: VC, Year 20, 20 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction





Future Conditions: VC, Year 30, 30 years after source remediation



Future Conditions: VC, Year 31 to 63, source concentration stable

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Future Conditions: VC, Year 64, 64 years after source remediation



Future Conditions: VC, Year 65, 65 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction





Future Conditions: VC, Year 66, 66 years after source remediation



Future Conditions: VC, Year 67, 67 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction



Future Conditions: VC, Year 68, 68 years after source remediation



Future Conditions: VC, Year 73, 73 years after source remediation

Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction

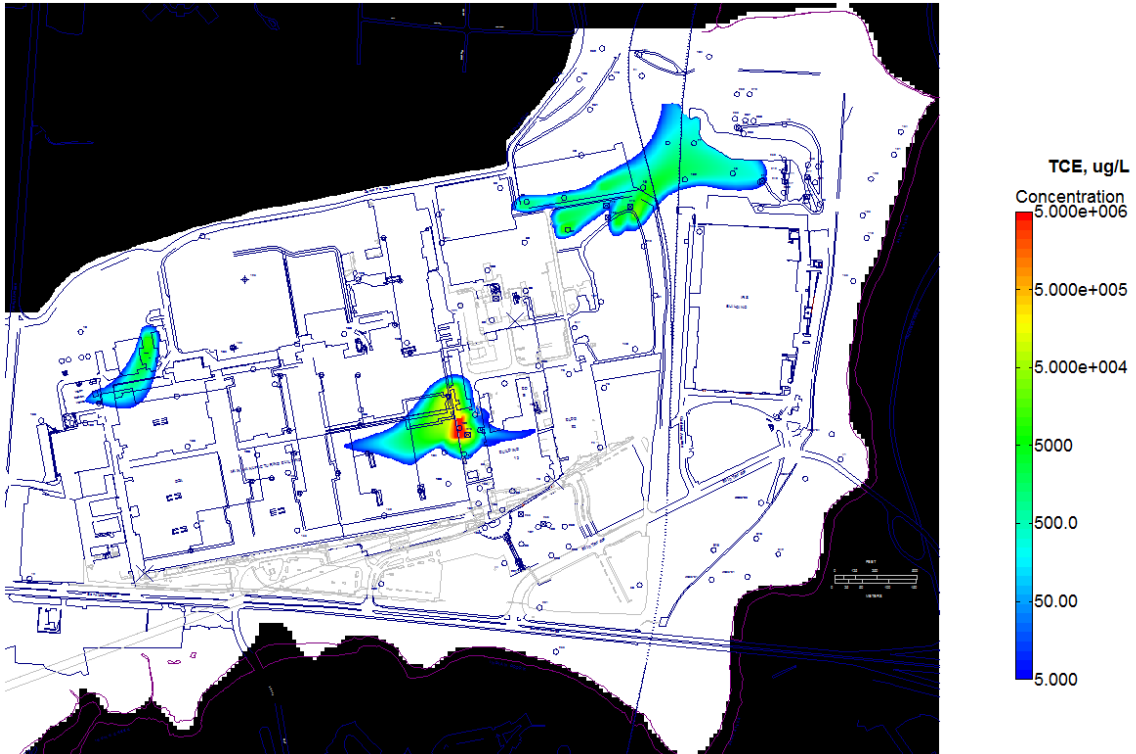


Future Conditions: VC, Year 83, 83 years after source remediation

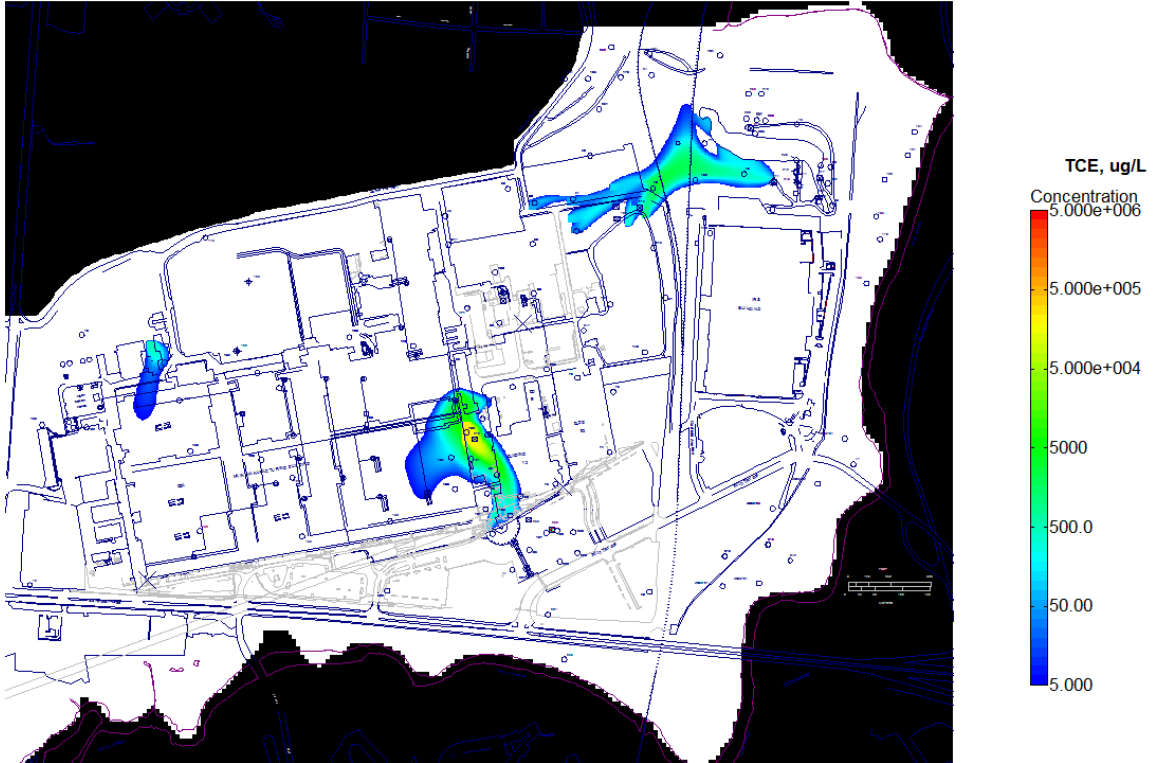
Future Conditions, 75% Source Concentration Reduction, 75% Source Duration Reduction

**Appendix 64: Plumes – TCE, Future Conditions, 95% Source  
Concentration Reduction, 95% Source Concentration  
Reduction**



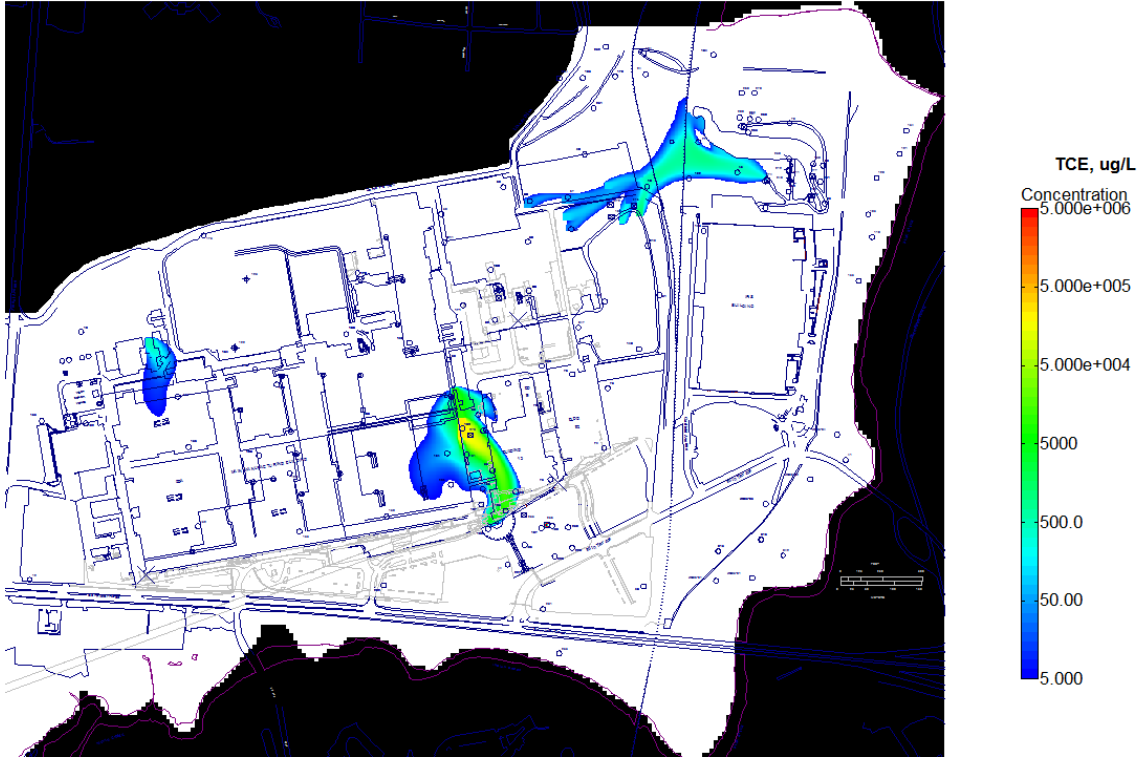


Future Conditions: Initial TCE Concentrations

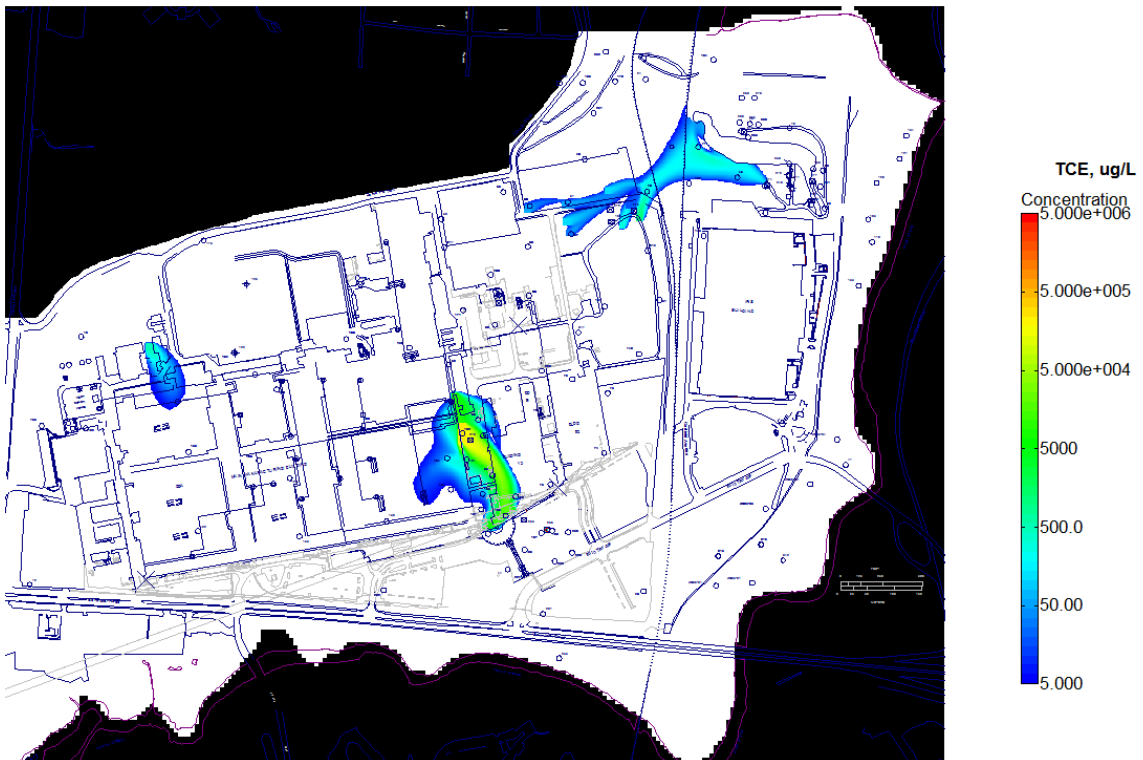


Future Conditions: TCE, Year 1, 1 year after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction

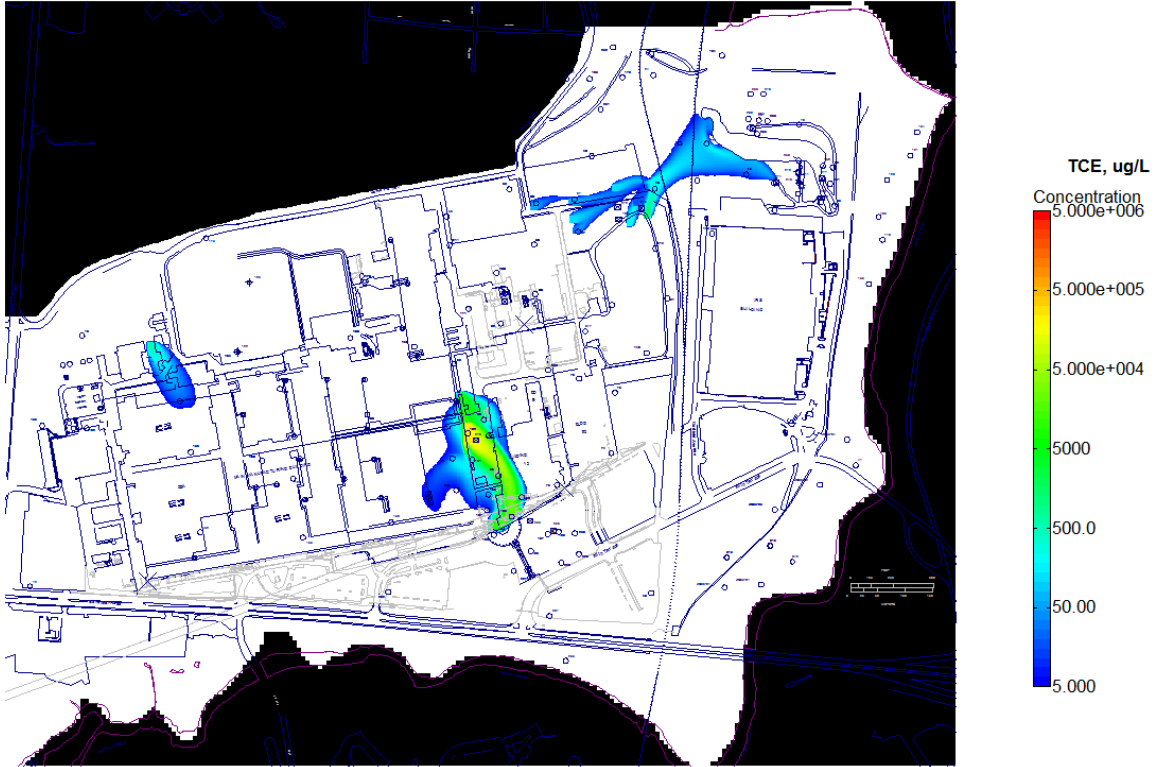


Future Conditions: TCE, Year 2, 2 years after source remediation

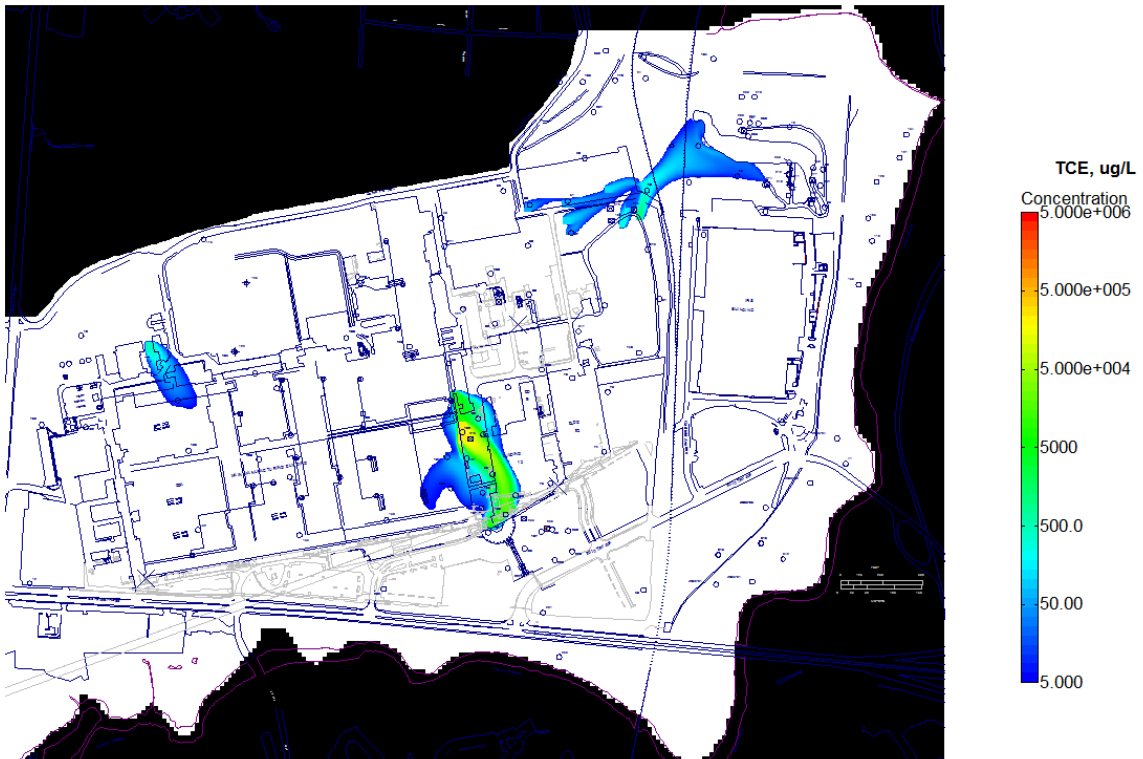


Future Conditions: TCE, Year 3, 3 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction

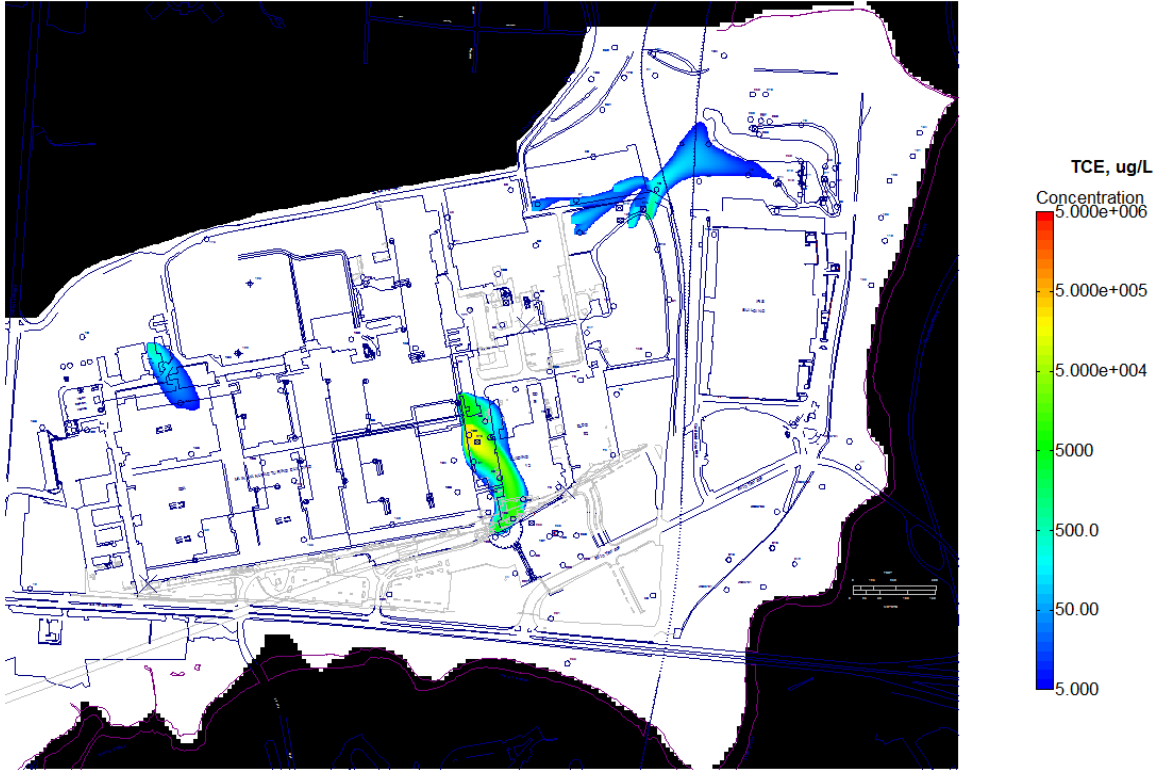


Future Conditions: TCE, Year 4, 4 years after source remediation



Future Conditions: TCE, Year 5, 5 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: TCE, Year 10, 10 years after source remediation



Future Conditions: TCE, Year 13, 13 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: TCE, Year 14, 14 years after source remediation



Future Conditions: TCE, Year 15, 15 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: TCE, Year 16, 16 years after source remediation



Future Conditions: TCE, Year 17, 17 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction





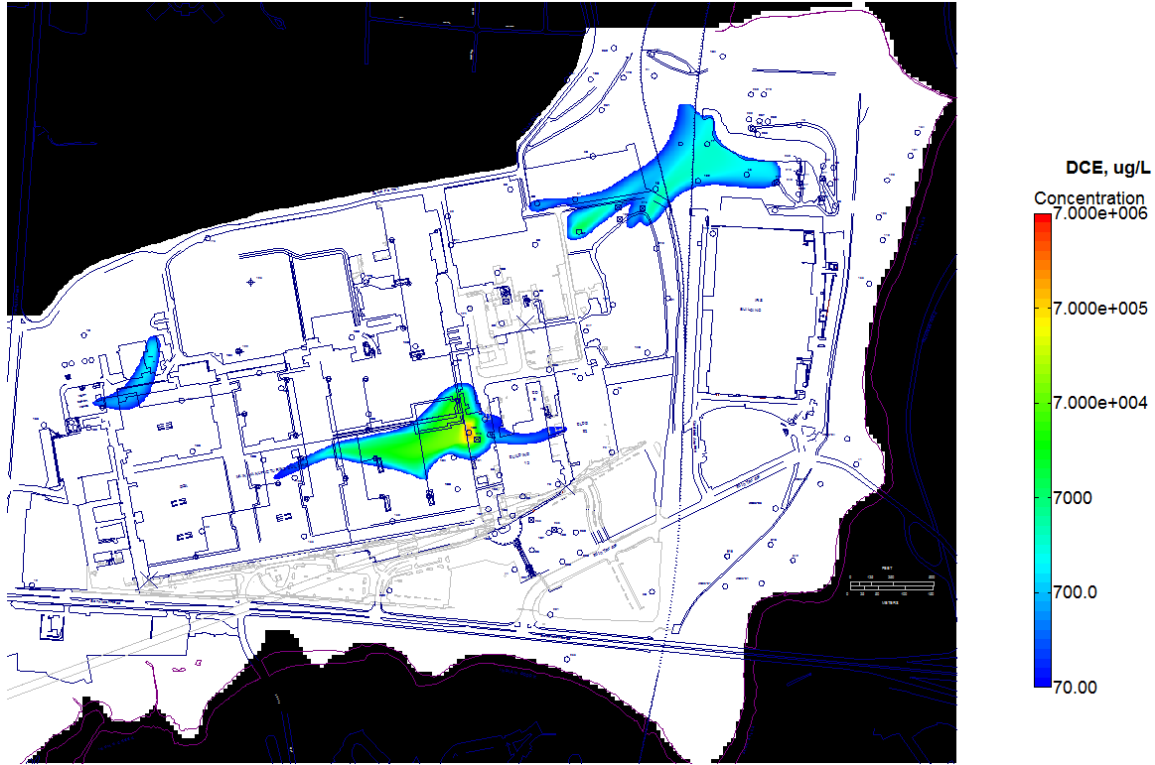
Future Conditions: TCE, Year 18, 18 years after source remediation



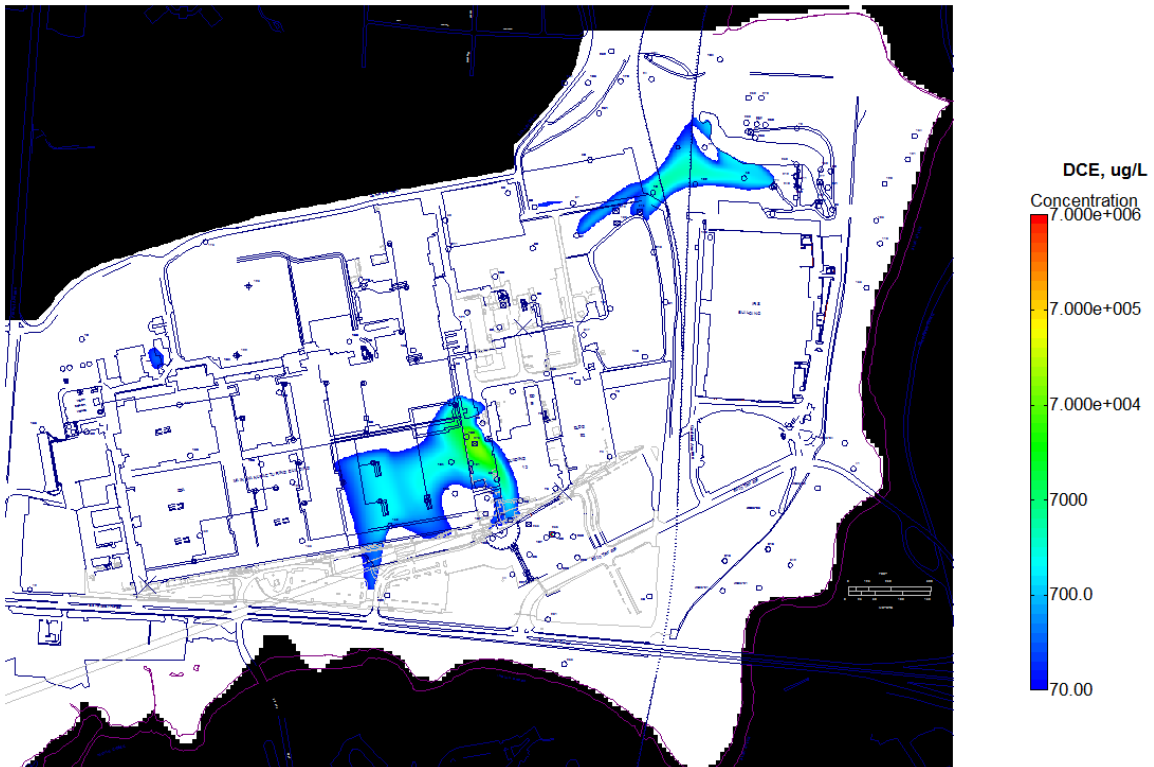
Future Conditions: TCE, Year 23, 23 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction

**Appendix 65: Plumes – DCE, Future Conditions, 95% Source  
Concentration Reduction, 95% Source Concentration  
Reduction**

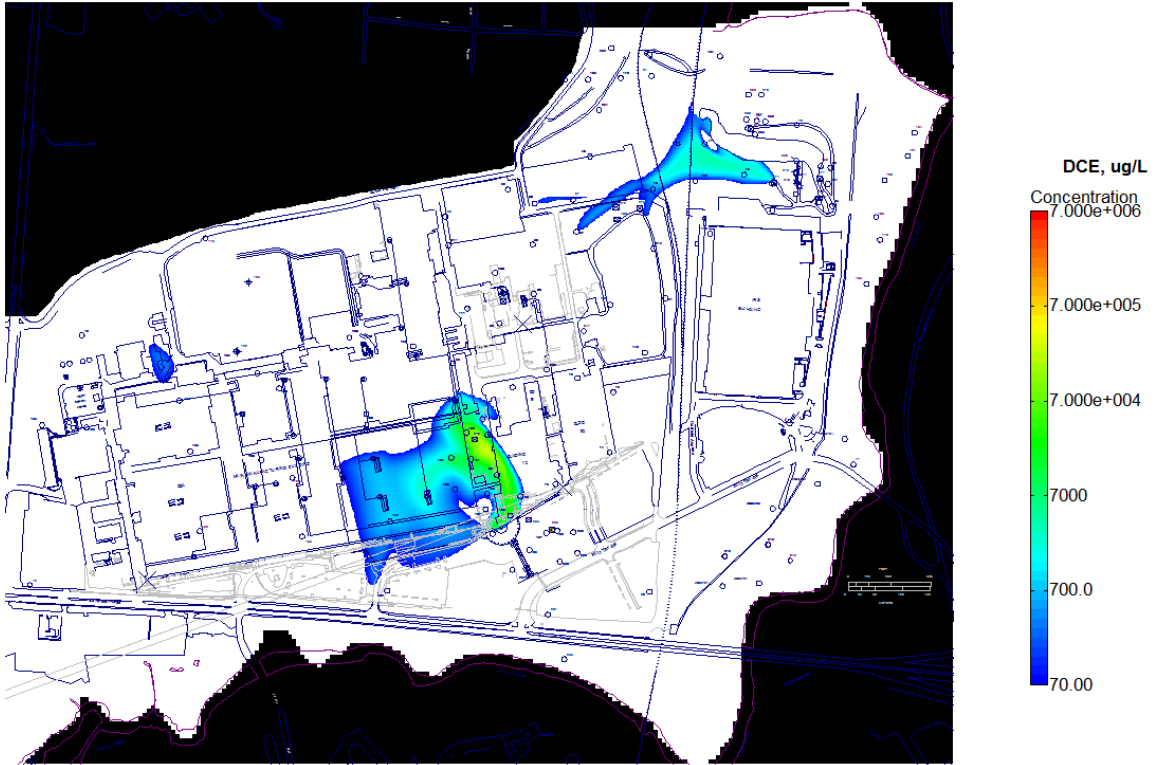


Future Conditions: Initial DCE Concentrations

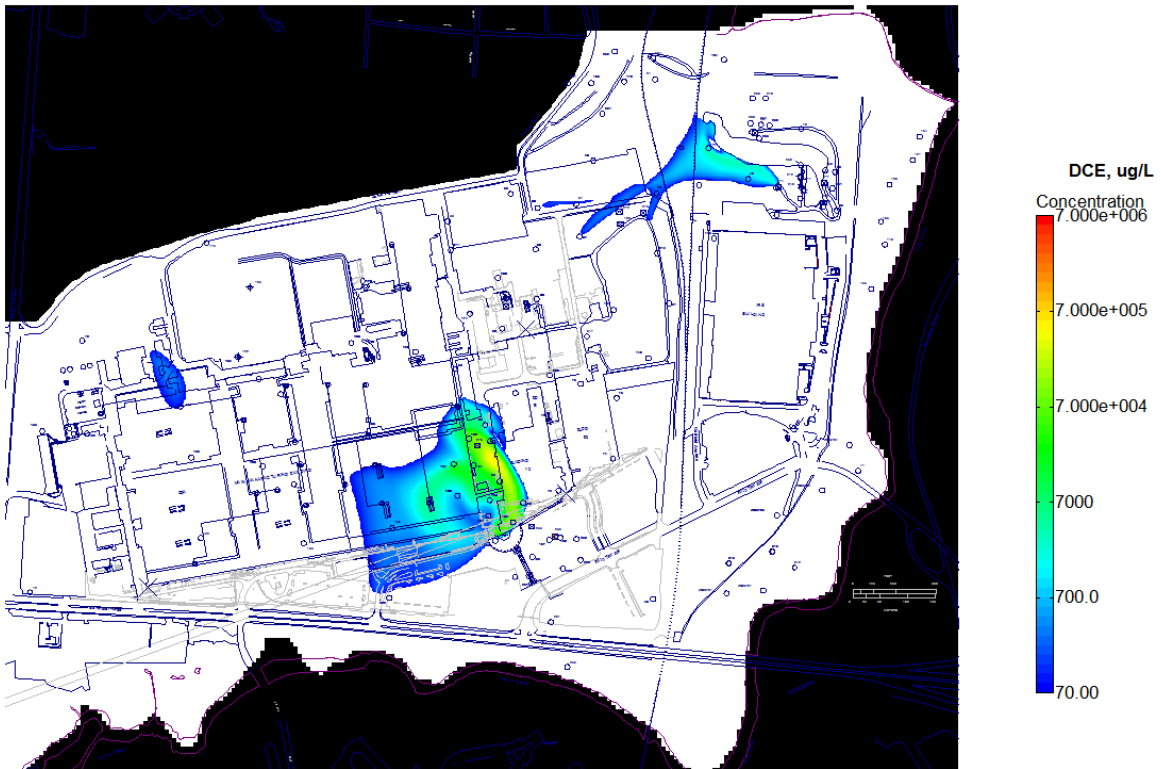


Future Conditions: DCE, Year 1, 1 year after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction

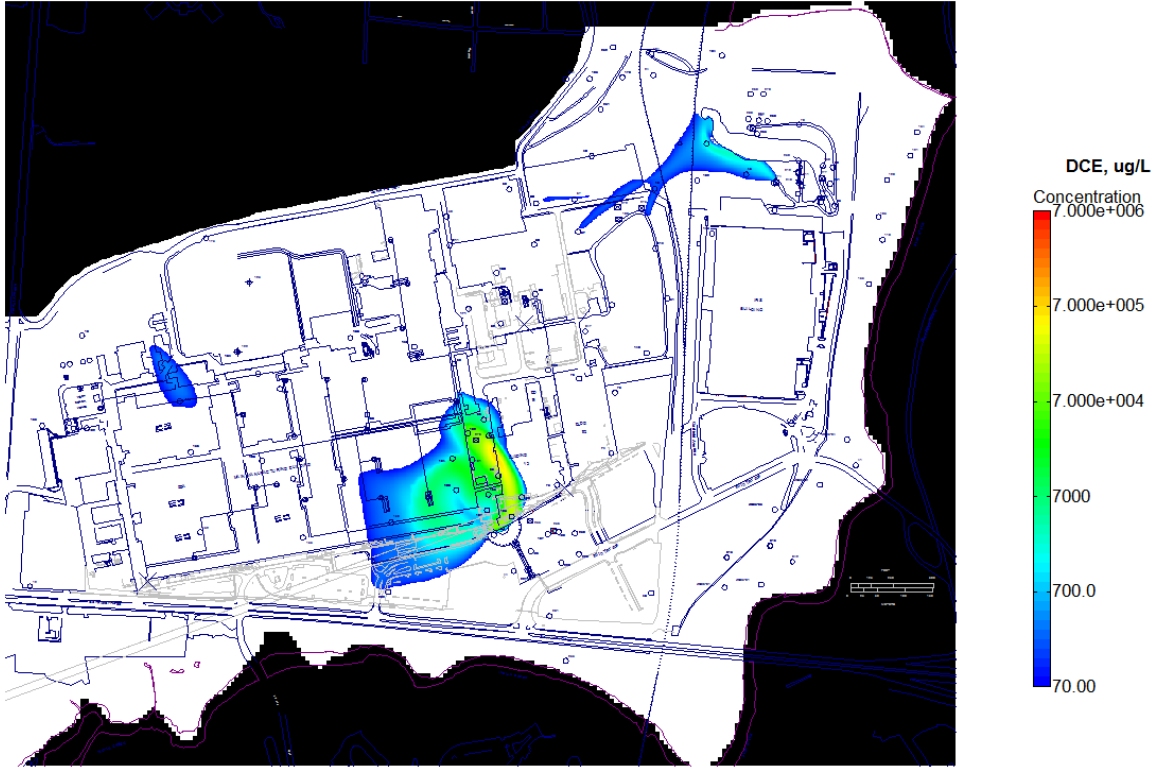


Future Conditions: DCE, Year 2, 2 years after source remediation

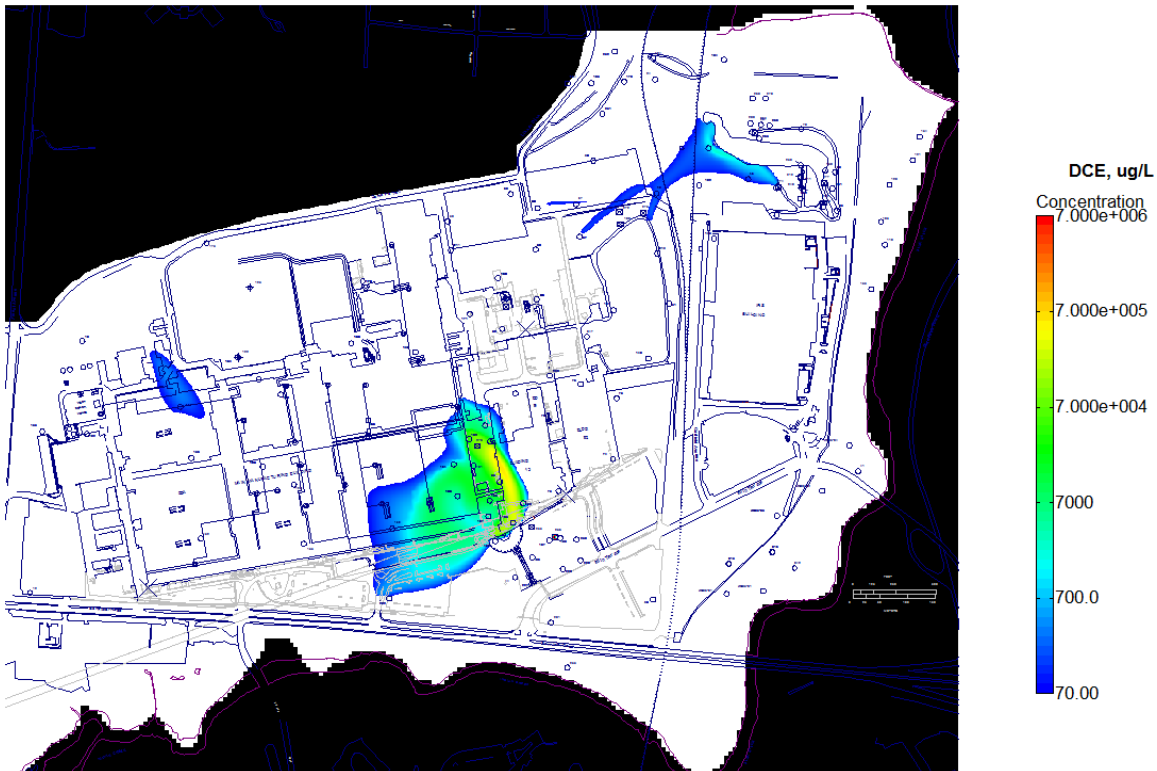


Future Conditions: DCE, Year 3, 3 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: DCE, Year 4, 4 years after source remediation



Future Conditions: DCE, Year 5, 5 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: DCE, Year 10, 10 years after source remediation



Future Conditions: DCE, Year 13, 13 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction





Future Conditions: DCE, Year 14, 14 years after source remediation



Future Conditions: DCE, Year 15, 15 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: DCE, Year 16, 16 years after source remediation



Future Conditions: DCE, Year 17, 17 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: DCE, Year 23, 23 years after source remediation



Future Conditions: DCE, Year 33, 33 years after source remediation

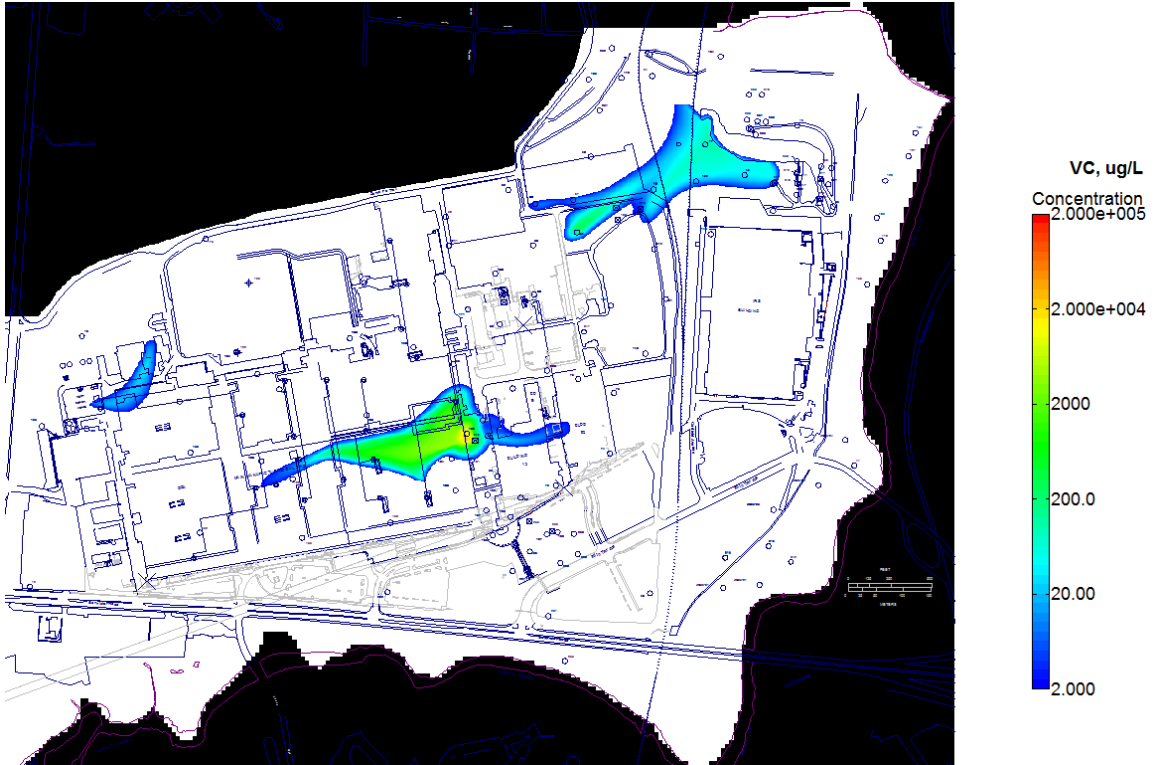
Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: DCE, Year 43, 43 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction

**Appendix 66: Plumes – VC, Future Conditions, 95% Source  
Concentration Reduction, 95% Source Concentration  
Reduction**



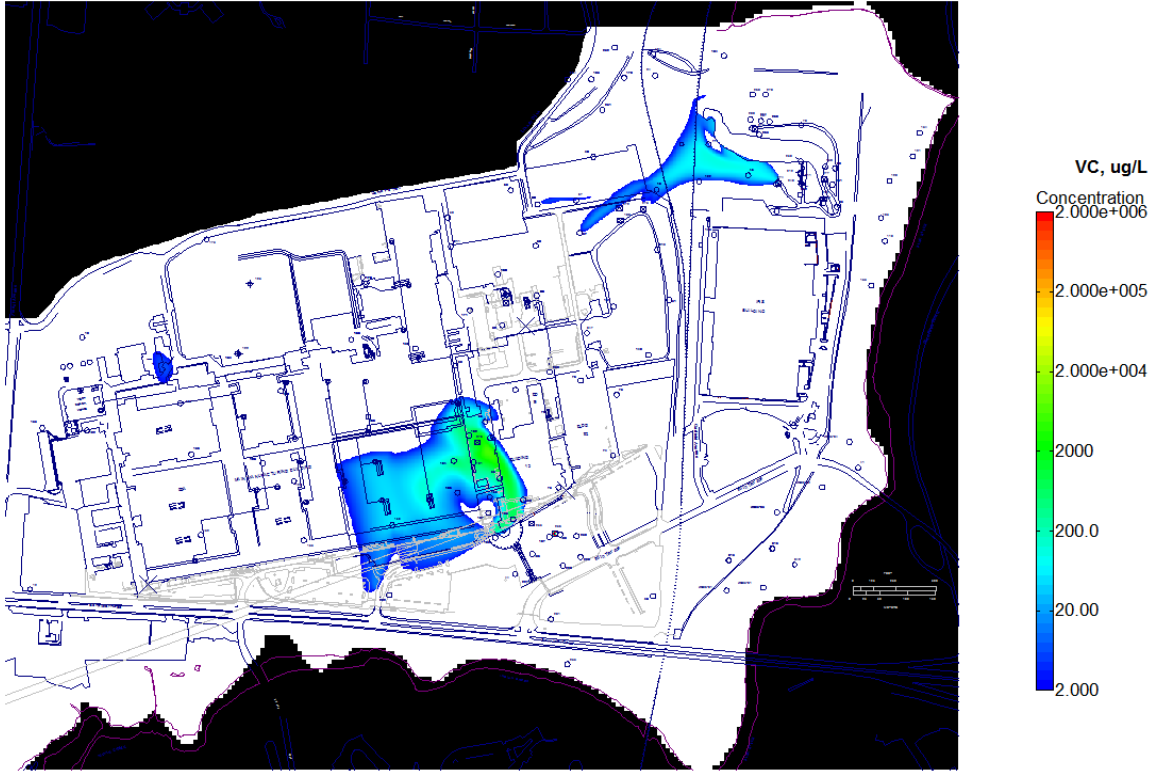
Future Conditions: Initial VC Concentrations



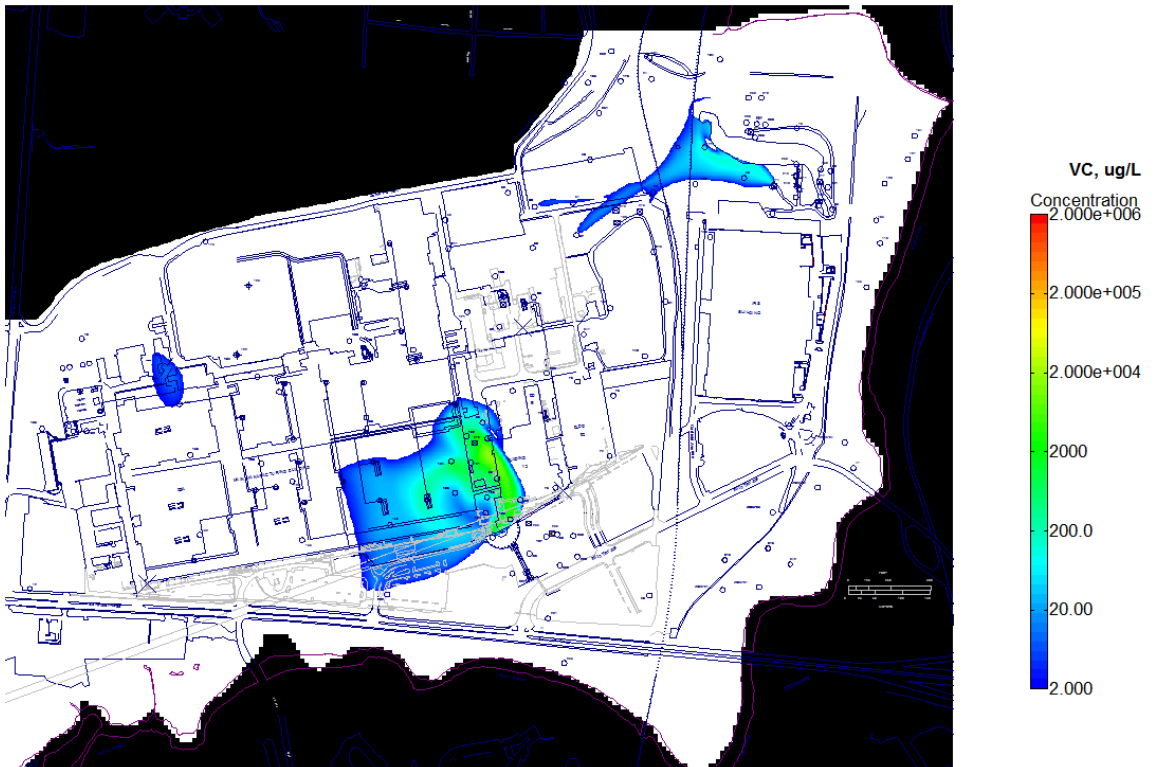
Future Conditions: VC, Year 1, 1 year after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



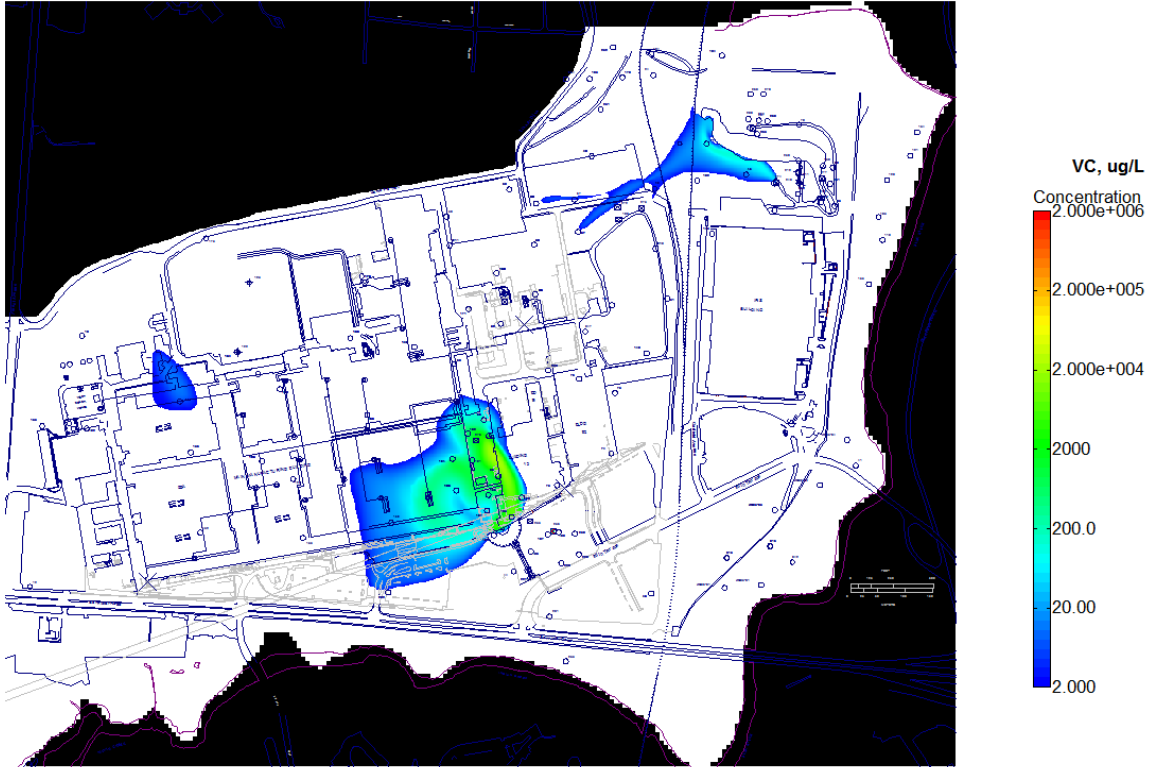


Future Conditions: VC, Year 2, 2 years after source remediation

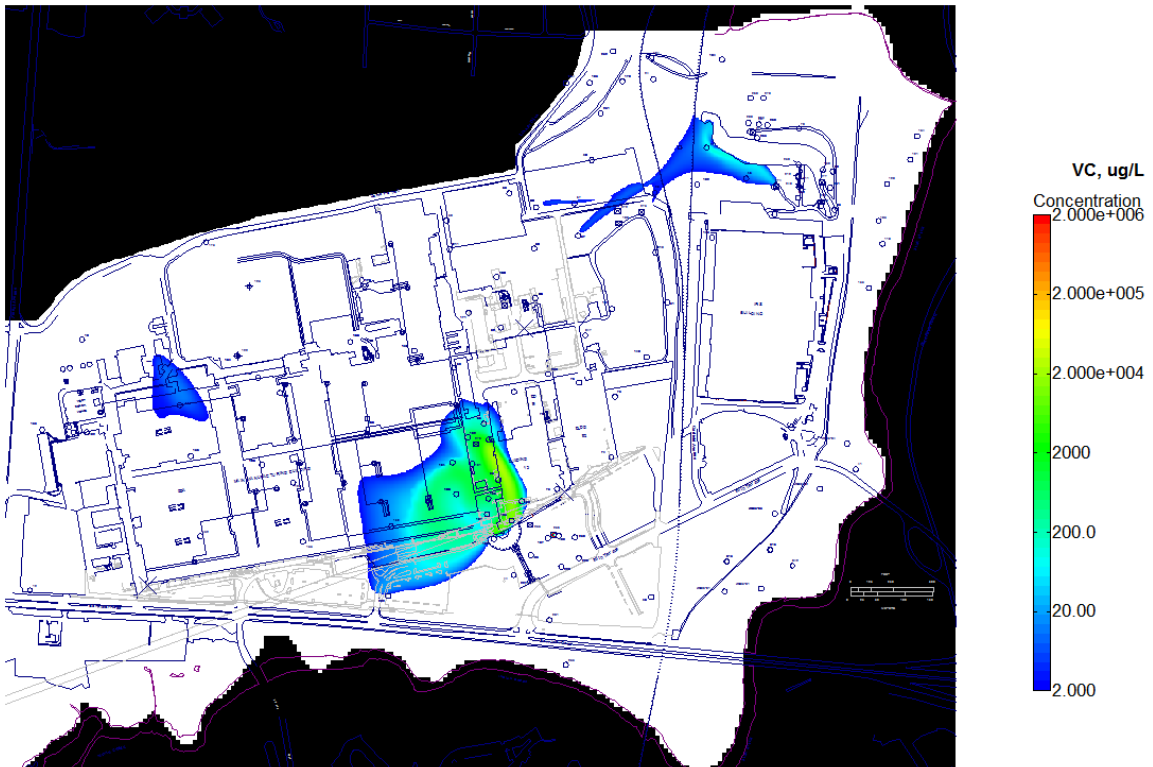


Future Conditions: VC, Year 3, 3 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction

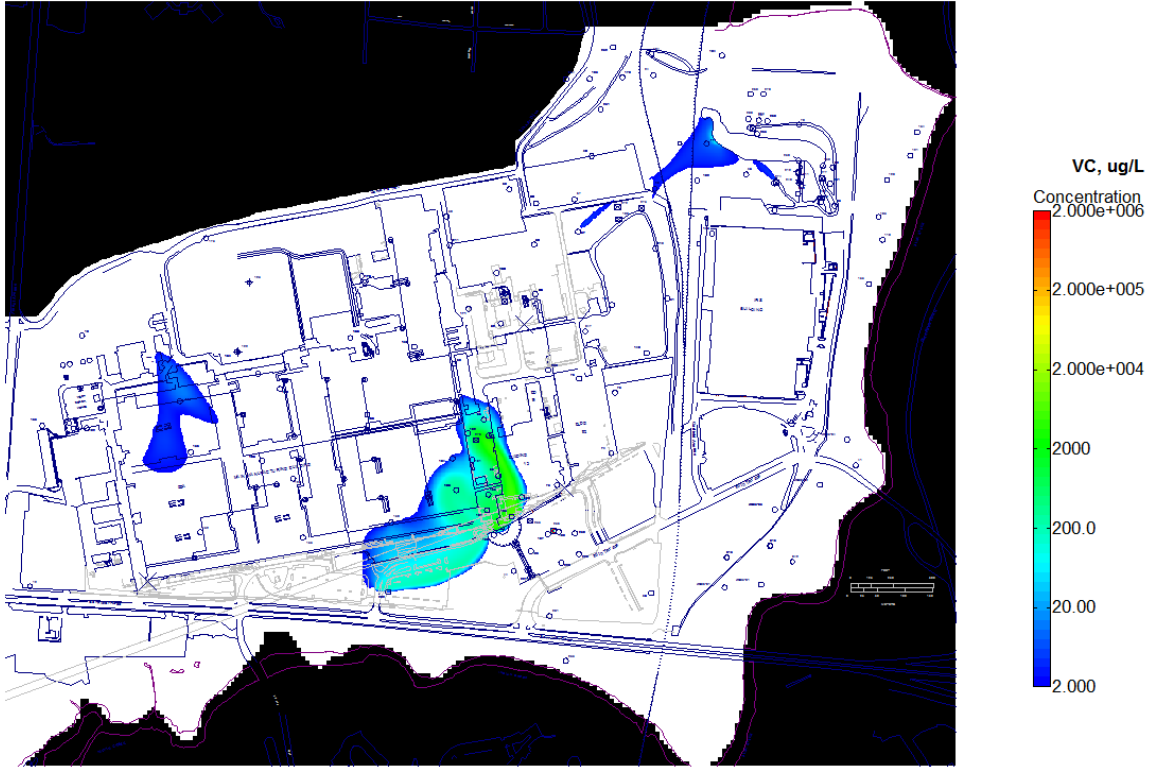


Future Conditions: VC, Year 4, 4 years after source remediation



Future Conditions: VC, Year 5, 5 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: VC, Year 10, 10 years after source remediation



Future Conditions: VC, Year 13, 13 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: VC, Year 14, 14 years after source remediation



Future Conditions: VC, Year 15, 15 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: VC, Year 16, 16 years after source remediation



Future Conditions: VC, Year 17, 17 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction



Future Conditions: VC, Year 23, 23 years after source remediation



Future Conditions: VC, Year 33, 33 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction





Future Conditions: VC, Year 43, 43 years after source remediation

Future Conditions, 95% Source Concentration Reduction, 95% Source Duration Reduction