

**Sites 2/12, OU2 and OUCTP
Sample Frequency Changes
HTW BCT Meeting
November 19, 2015**

Wells Meeting QAPP Criteria for Sample Frequency Change*

Figure 1, Sites 2 and 12

EW-12-03-180U	A	Meets decision criteria to stop sampling ¹	Primary Chemical of Concern TCE and PCE
MW-02-06-180	A	Meets decision criteria to stop sampling	TCE and Chloroform
MW-12-07-180	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling ²	TCE
MW-12-17-180U	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	TCE and PCE
MW-12-19-180M	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	TCE and PCE

Figure 2, OU2 and OUCTP A-Aquifer

EW-OU2-01-A	A	Meets decision criteria to stop sampling	TCE
EISB-EW-12	A	Meets decision criteria to stop sampling	CT
EISB-EW-15	A	Meets decision criteria to stop sampling	CT
EW-BW-100-A	A	Meets decision criteria to stop sampling	CT
EISB-EW-03	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	CT
EISB-MW-04	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	CT
EW-BW-104-A	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	CT
MW-BW-25-A	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	CT
EW-BW-126-A	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	CT

Figure 3, OU2 and OUCTP Upper 180-foot Aquifer

MW-BW-12-180	A	Meets decision criteria to stop sampling	TCE
MP-BW-46-185	A	Meets decision criteria to stop sampling	CT
MP-BW-46-200	A	Meets decision criteria to stop sampling	CT
MP-BW-46-215	A	Meets decision criteria to stop sampling	CT

**Sites 2/12, OU2 and OUCTP
Sample Frequency Changes
HTW BCT Meeting
November 19, 2015**

**Figure 4, OUCTP
Lower 180-Foot
Aquifer**

MCWD-08A	A	Meets decision criteria to stop sampling	CT
MP-BW-32-332	A	Meets decision criteria to stop sampling	CT
MP-BW-42-295	A	Meets decision criteria to stop sampling	CT and TCE
MP-BW-42-314	A	Meets decision criteria to stop sampling	CT and TCE
MP-BW-50-289	A	Meets decision criteria to stop sampling	CT and TCE
MP-BW-50-309	A	Meets decision criteria to stop sampling	CT and TCE
MP-BW-51-315	A	Meets decision criteria to stop sampling	CT and TCE
MP-BW-35-312	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	CT and TCE
MP-BW-49-336	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	CT and TCE
MP-BW-50-359	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	CT and TCE
MP-BW-51-370	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	CT and TCE

Notes:

*Based on data collected through the 3rd quarter of 2015.

A = Well currently sampled on an annual schedule

Q = Well currently sampled on a quarterly schedule

¹ If two consecutive annual monitoring data show concentrations of COCs below their respective limits of quantitation (LOQs), or below 10% of their respective aquifer cleanup levels (ACLs), whichever is greater, then the well may be proposed to be removed from the sampling program (Ahtna, 2015).

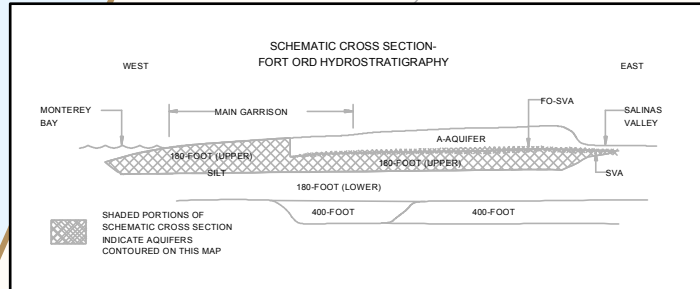
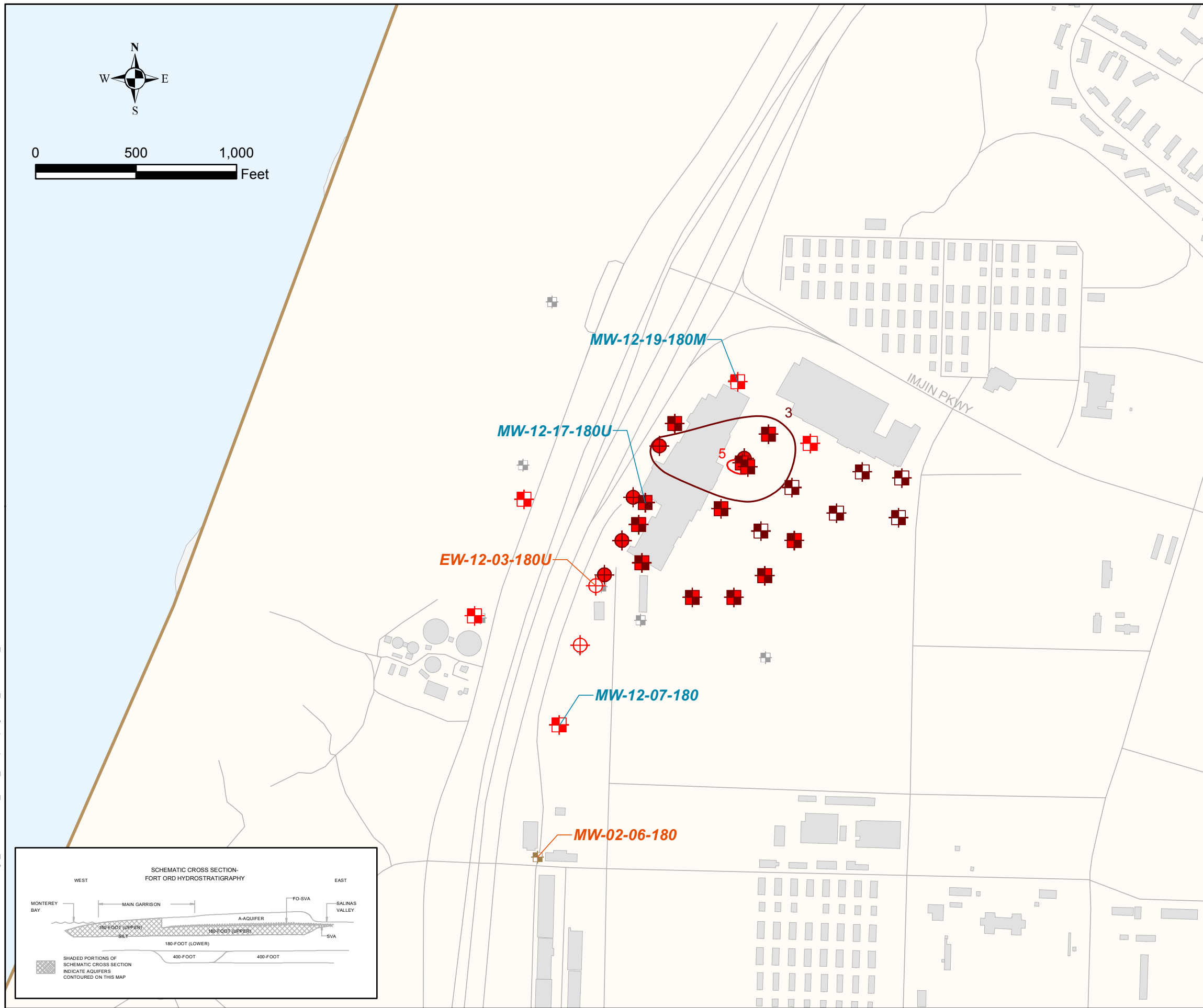
² If four consecutive quarters of monitoring data show concentrations of COCs below their respective LOQs, or below 10% of their respective ACLs, whichever is greater, then the well may be proposed for annual sampling (Ahtna, 2015).

**Sites 2/12, OU2 and OUCTP
Sample Frequency Changes
HTW BCT Meeting
November 19, 2015**

Ahtna Environmental
Inc (Ahtna), 2015

Quality Assurance Project Plan (QAPP), Former Fort Ord, California, Volume I,
Appendix A, Final Revision 3, Groundwater Remedies and Monitoring at Operable Unit
2, Sites 2 and 12, and Operable Unit Carbon Tetrachloride Plume, June 26. (QAPP,
BW# AR-2735A)

Thursday, November 05, 2015 5:06:41 PM
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EXPLANATION

- Monitoring Well with TCE Detection, and No ACL Exceedances by Other COCs
- Monitoring Well with PCE Detection
- Monitoring Well with TCE and PCE Detection
- Extraction Well with TCE and PCE Detection

MW-12-19-180M Meets decision criteria to reduce from quarterly sampling to annual sampling as defined in Volume I, Appendix A of the Final Revision 3 QAPP (Army, 2015).

EW-12-03-180U Meets decision criteria to stop sampling as defined in Volume I, Appendix A of the Final Revision 3 QAPP (Army, 2015).

- Monitoring Well - TCE or PCE not detected and no other COC ACL exceedances
- Monitoring Well not sampled this quarter
- Piezometer not sampled this quarter
- Extraction Well not sampled this quarter
- Injection Well not sampled this quarter

Chemical of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L

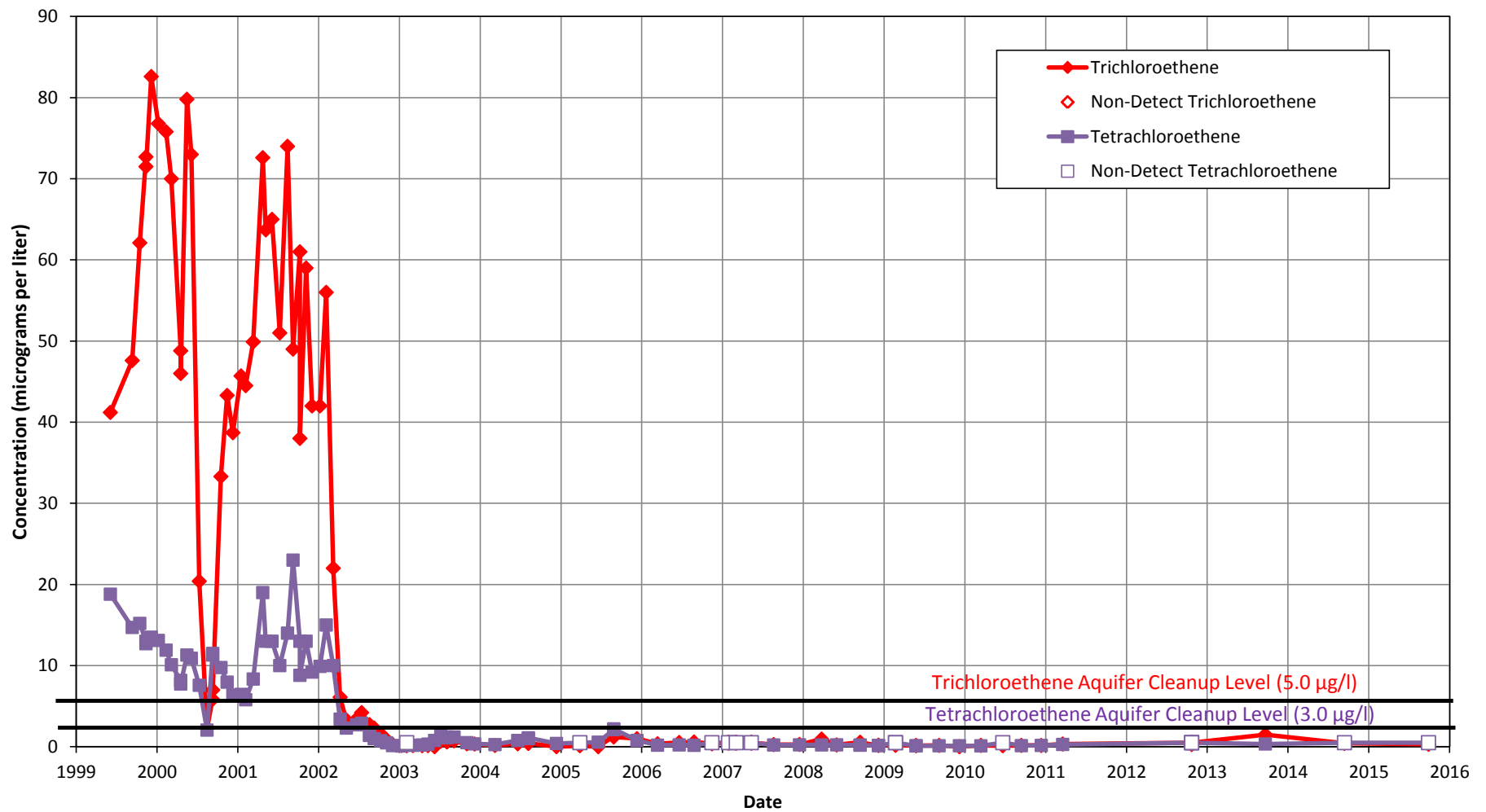
3 — Tetrachloroethene (PCE)

- Roads
- Facilities
- Former Fort Ord Boundary

- NOTES:
- (1) Contours are based on one interpretation of the data that were available at the time this report was prepared; other interpretations may be possible.
 - (2) Contours based on highest value obtained from multiple bags where applicable.
 - (3) Other COC ACL exceedances detected beyond the extent of the PCE plume are illustrated when present.

**SAMPLE FREQUENCY CHANGES
 SITES 2 AND 12
 UPPER 180-FOOT AQUIFER
 WEST OF THE SVA
 Based on Data Collected Through
 Third Quarter 2015
 Former Fort Ord, California**

Date: 11/2015 Project No. 8415180880



Note: Non-detect values are posted as the reporting limit

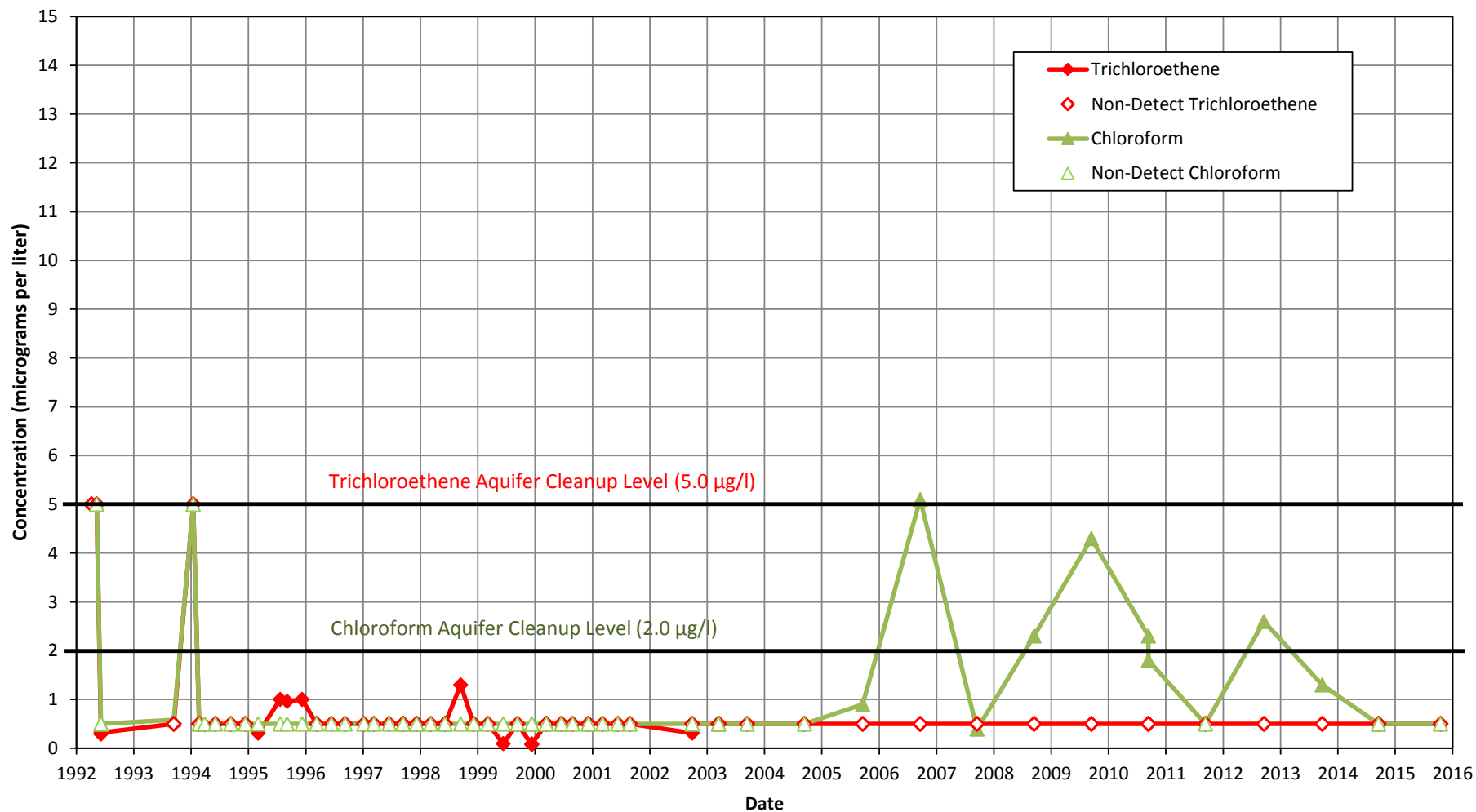


Trichloroethene and Tetrachloroethene Concentrations Over Time
EW-12-03-180U
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

1

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 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

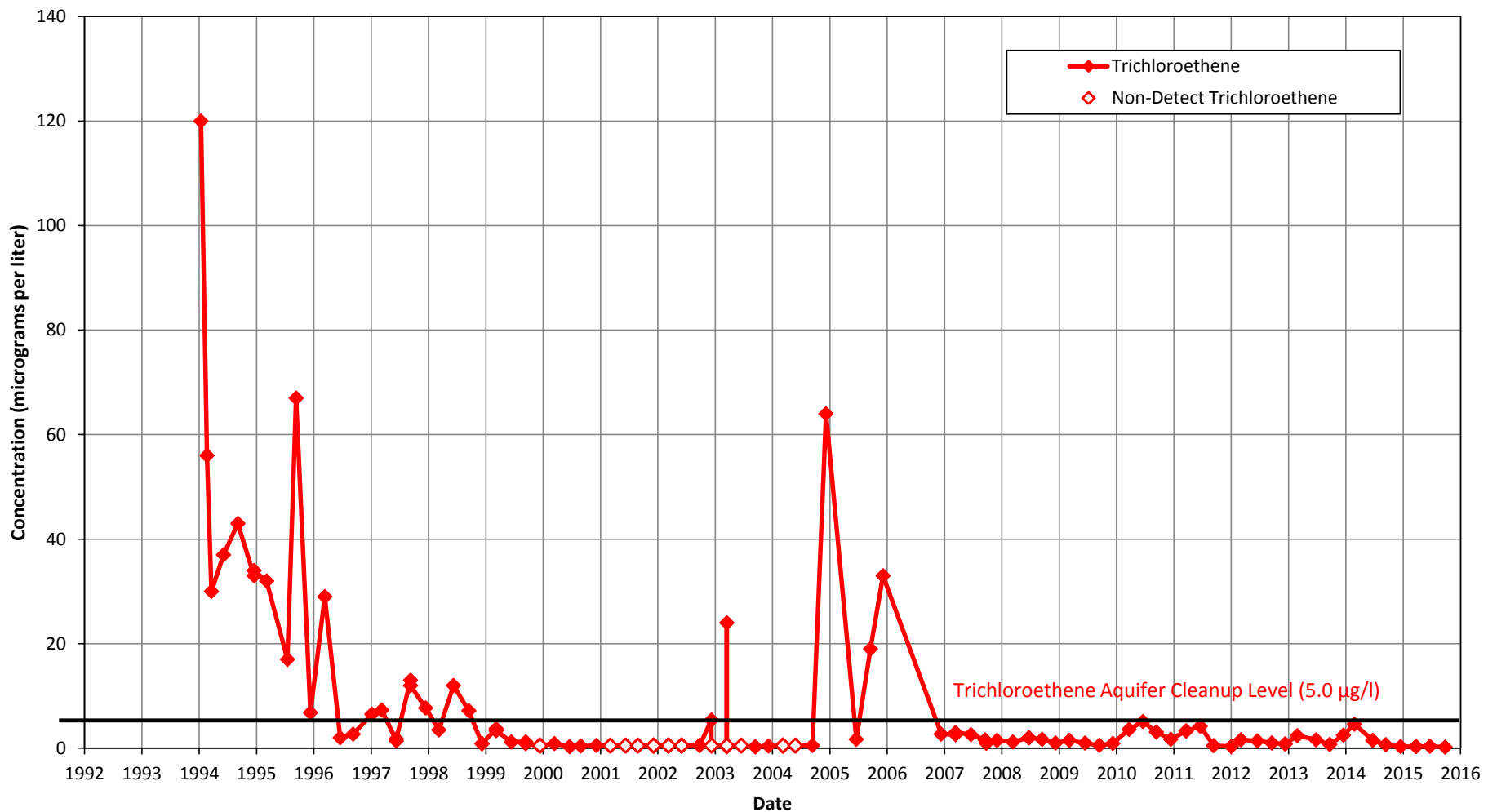


Chloroform and Trichloroethene Concentrations Over Time
MW-02-06-180
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

2

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 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

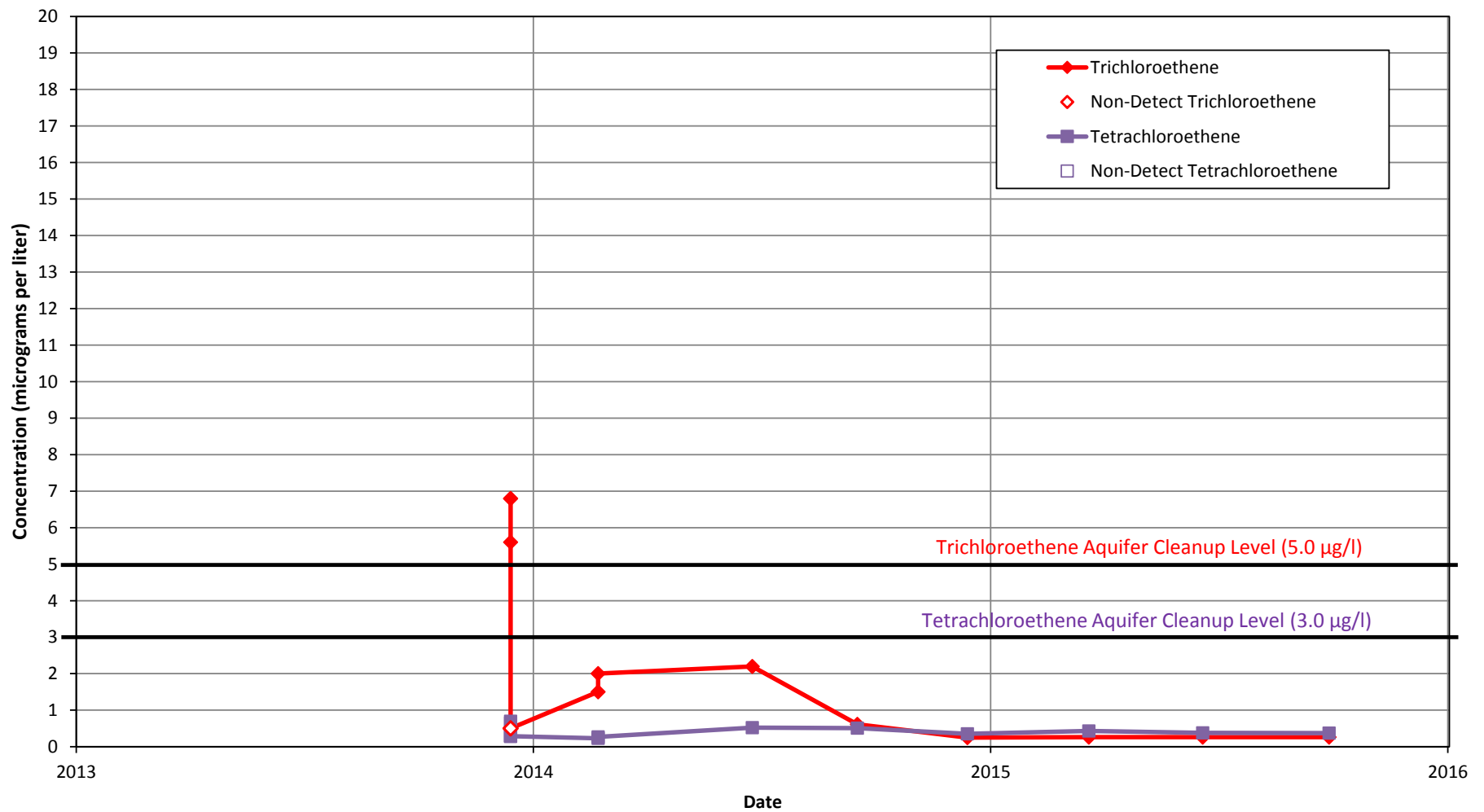


Trichloroethene Concentration Over Time
MW-12-07-180
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

3

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit



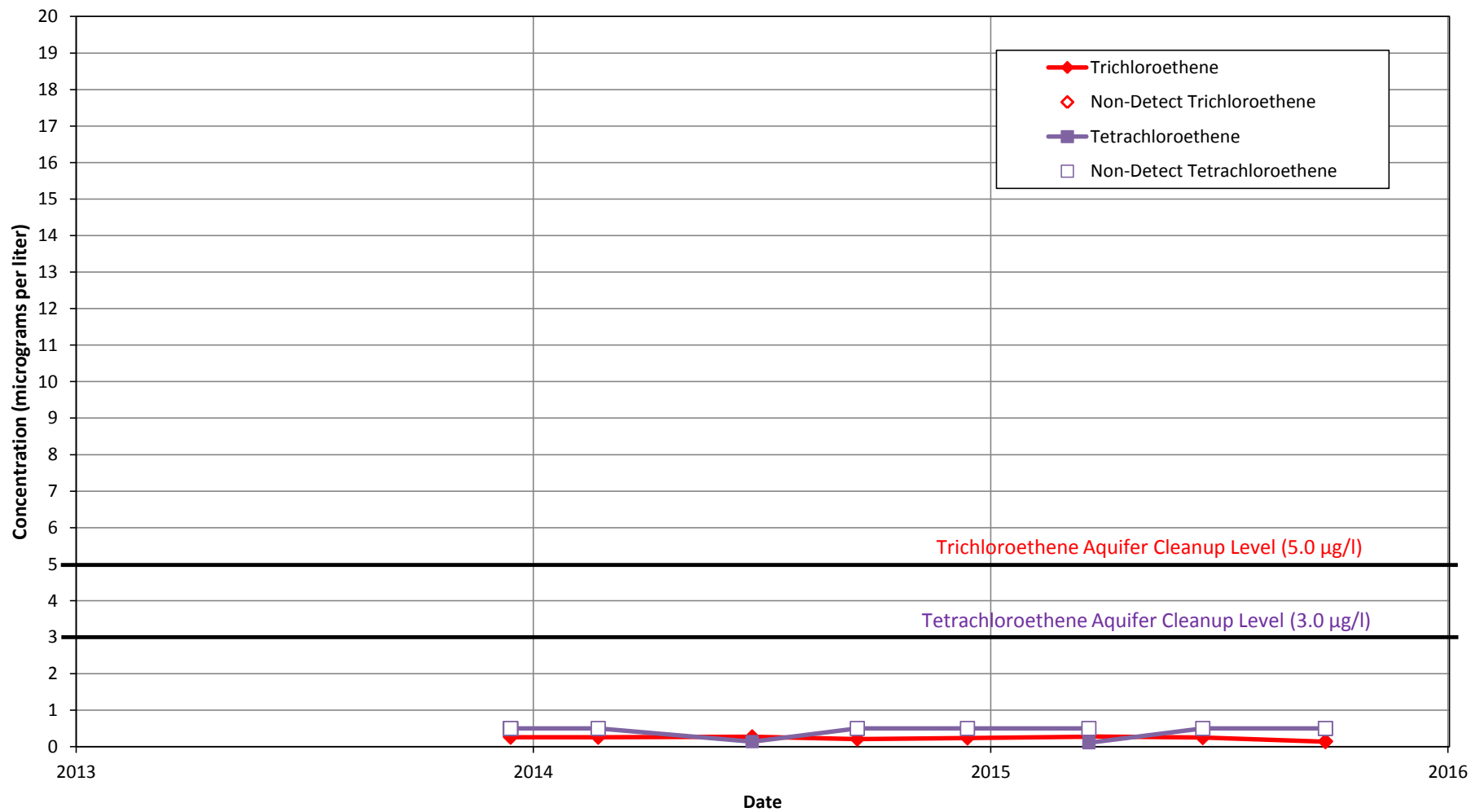
Trichloroethene and Tetrachloroethene Concentrations Over Time
MW-12-17-180U
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

4

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ZC

JOB NUMBER
8415180880



Note: Non-detect values are posted as the reporting limit



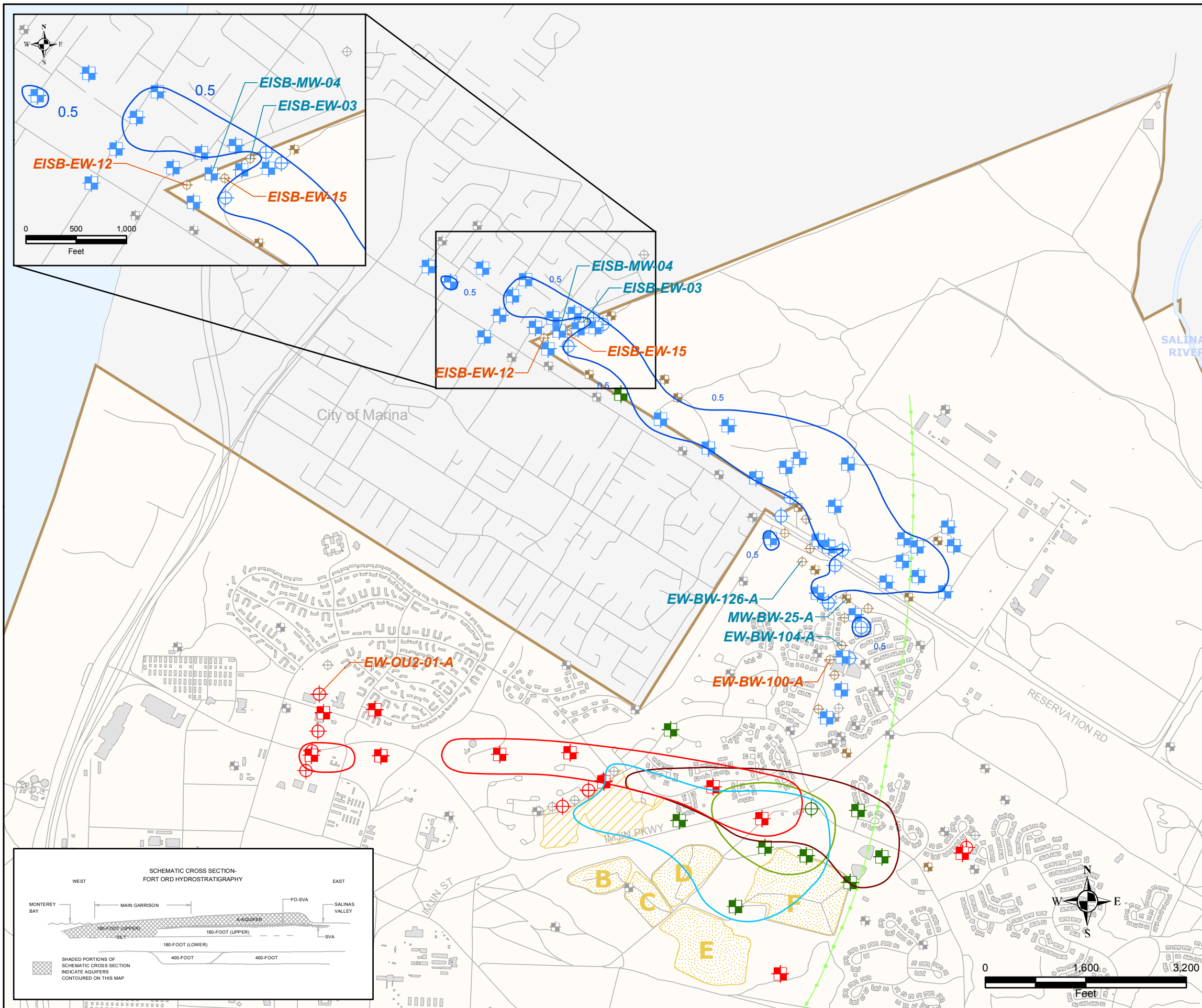
Trichloroethene and Tetrachloroethene Concentrations Over Time
MW-12-19-180M
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

5

DRAWN: ZC
 JOB NUMBER: 8415180880

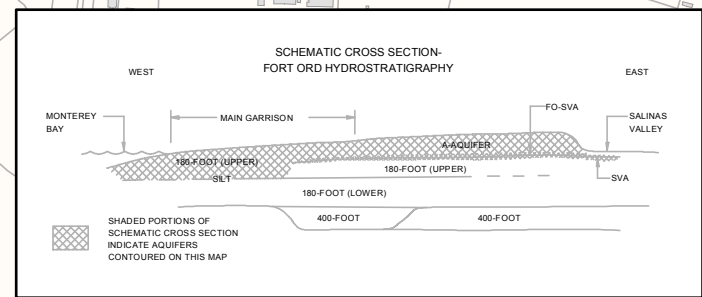
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EXPLANATION

- Monitoring Well with CT Detection
 - Extraction Well with CT Detection
 - Monitoring Well with TCE Detection
 - Extraction Well with TCE Detection
 - Monitoring Well Monitoring Well with COC ACL Exceedance (not TCE)
 - Extraction Well Monitoring Well with COC ACL Exceedance (not TCE)
 - MW-BW-25-A** Meets decision criteria to reduce from quarterly sampling to annual sampling as defined in Volume I, Appendix A of the Final Revision 3 QAPP (Army, 2015).
 - EISB-EW-12** Meets decision criteria to stop sampling as defined in Volume I, Appendix A of the Final Revision 3 QAPP (Army, 2015).
 - Monitoring Well CT Not Detected
 - Extraction Well CT Not Detected
 - Monitoring Well Not Sampled This Quarter
 - Extraction Well Not Sampled This Quarter
- Chemical of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L
- 0.5 Carbon tetrachloride (CT)
 - 5 Trichloroethene (TCE)
- Approximate extent of Fort Ord Landfill Cells
- OU2 Landfill Areas B through F
 - Cell A (clean closed)
 - Roads
 - Facilities
 - Former Fort Ord Boundary

- NOTES:**
- (1) Contours are based on one interpretation of the data that were available at the time this report was prepared; other interpretations may be possible.
 - (2) Contours based on highest value obtained from multiple bags where applicable.
 - (3) Contours near wells not sampled this quarter are inferred from previous analytical data.

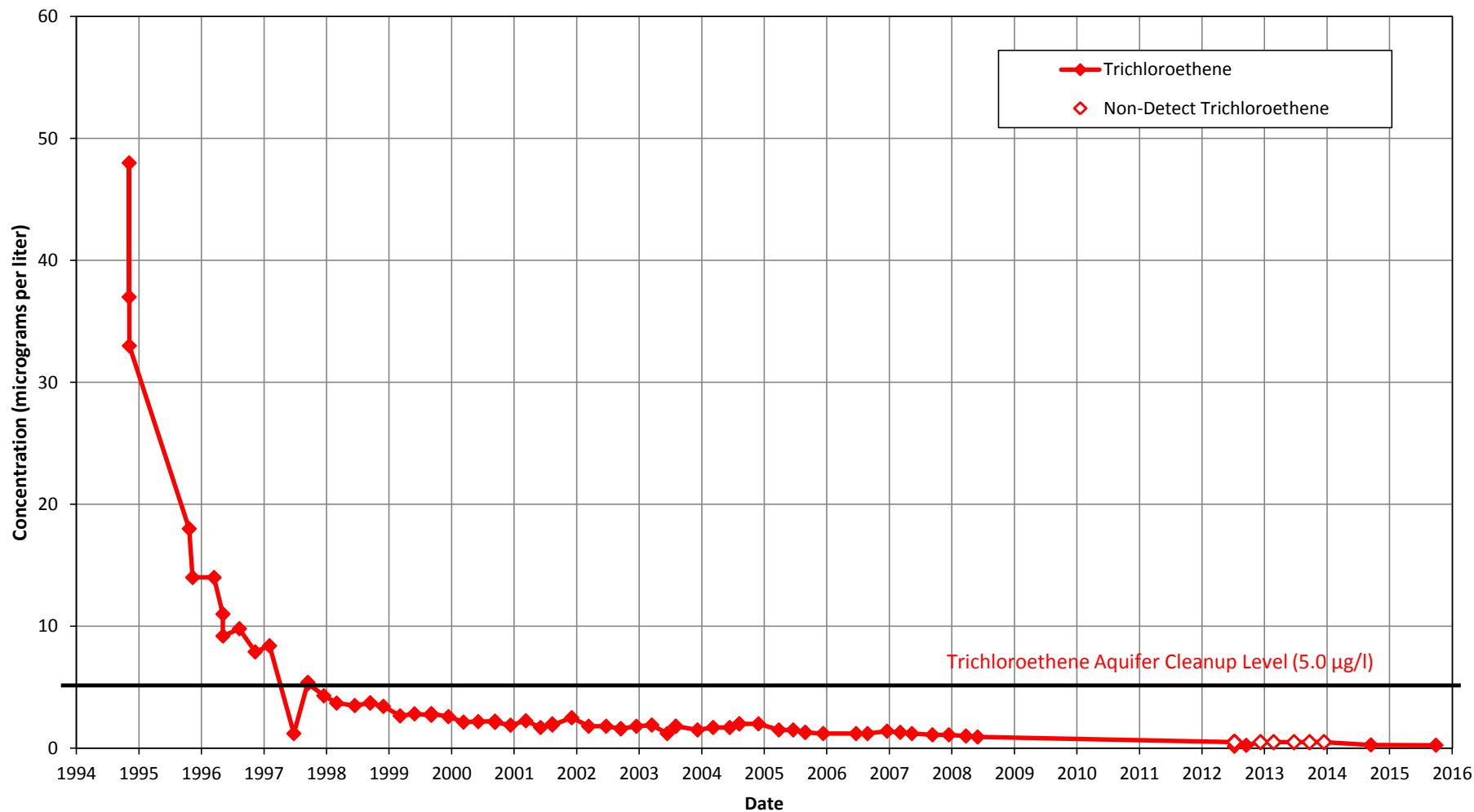


SAMPLE FREQUENCY CHANGES
 OU2, OUCTP
 A-AQUIFER
 Based on Data Collected Through
 Third Quarter 2015
 Former Fort Ord, California



Date: 11/2015 Project No. 8415180880

Figure 2



Note: Non-detect values are posted as the reporting limit

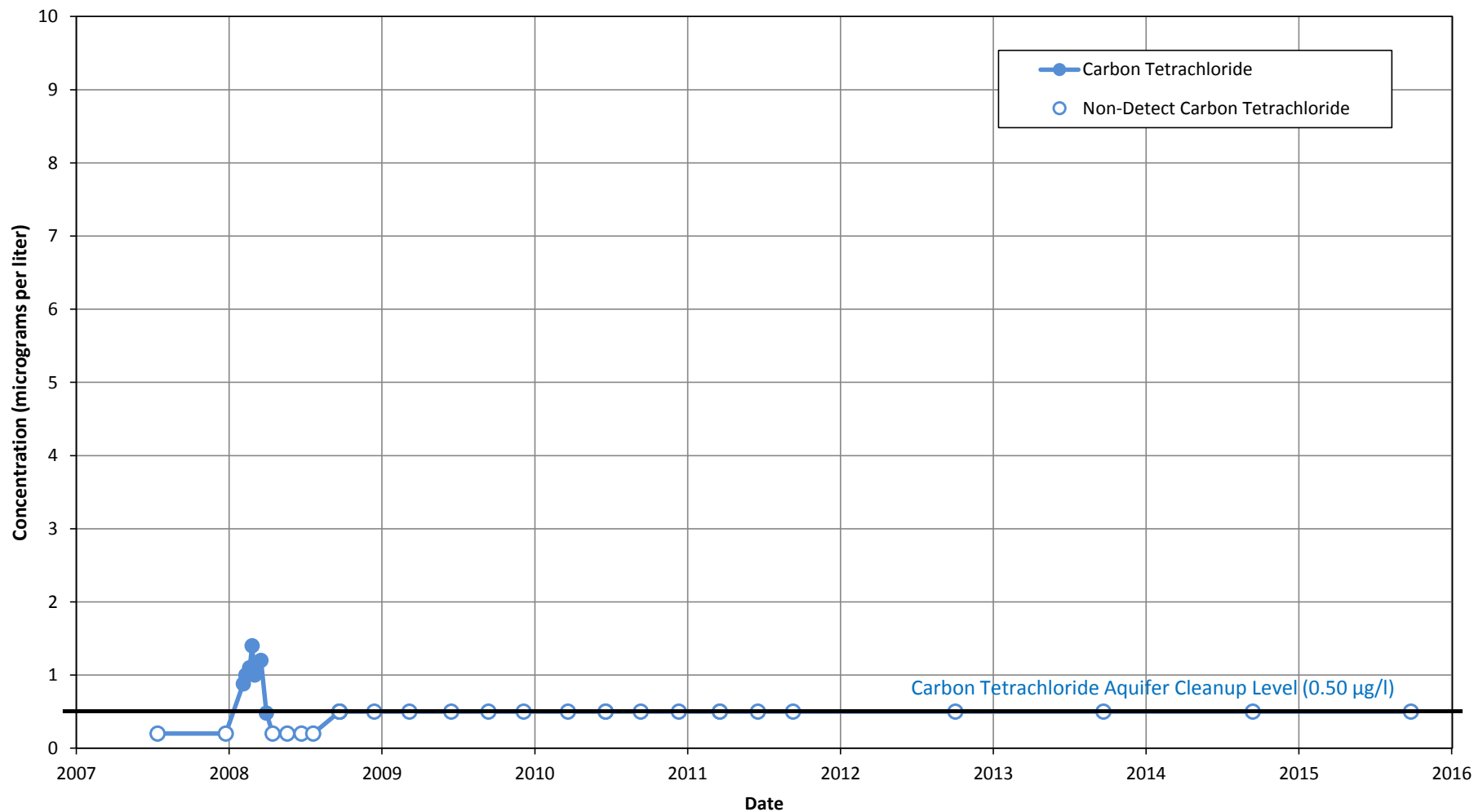


Trichloroethene Concentration Over Time
EW-OU2-01-A
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

6

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

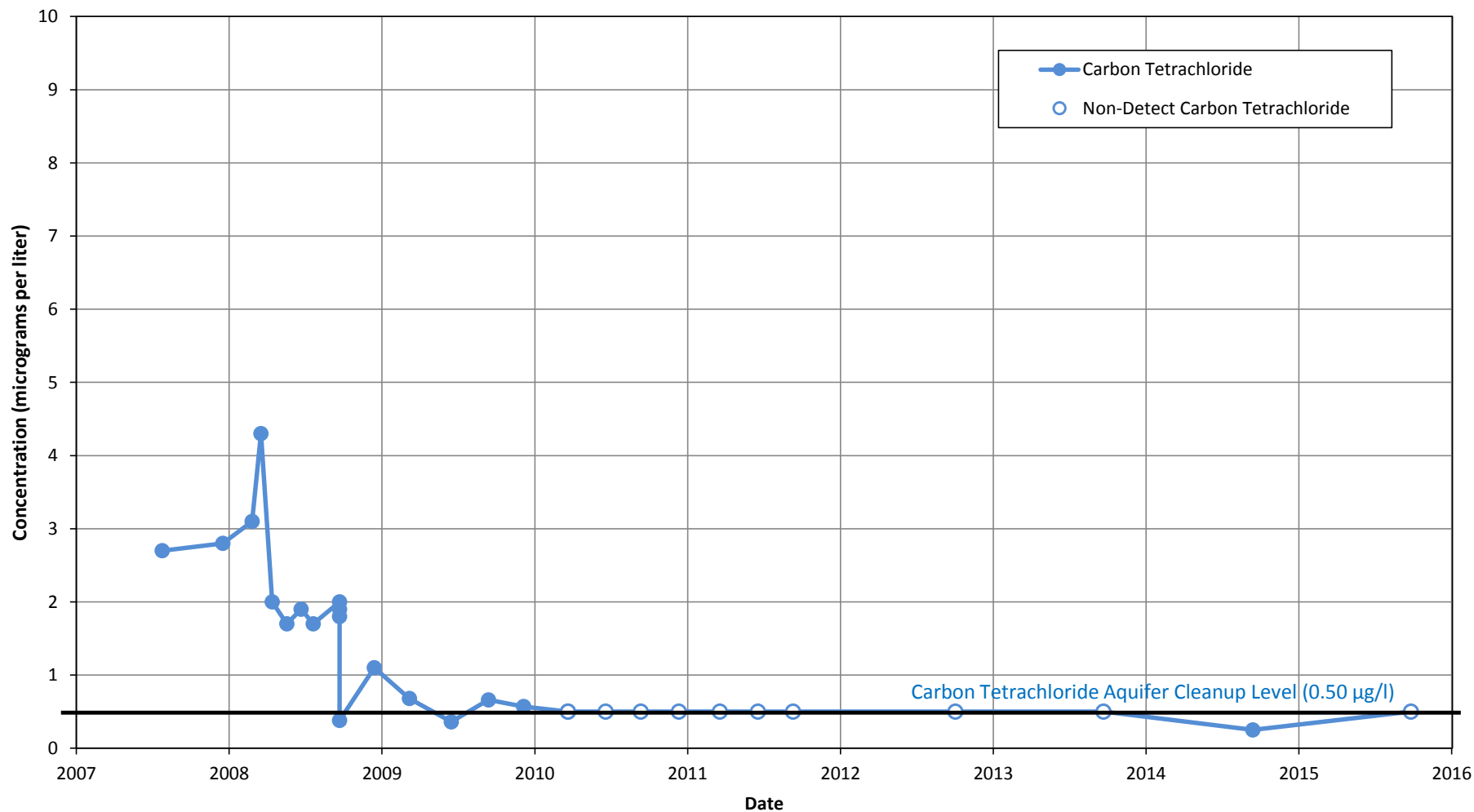


Carbon Tetrachloride Concentration Over Time
EISB-EW-12
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

7

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

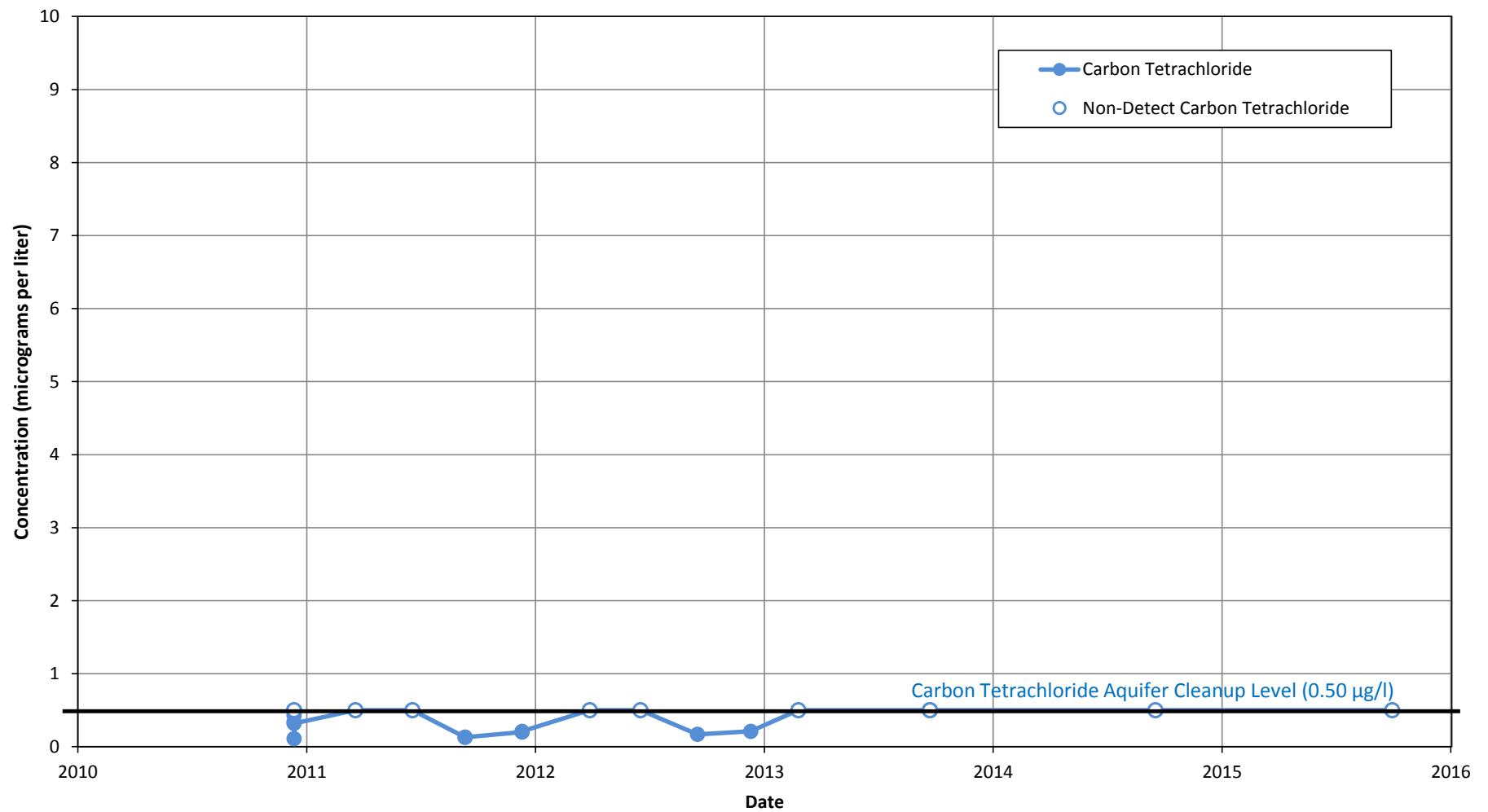


Carbon Tetrachloride Concentration Over Time
EISB-EW-15
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

8

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 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

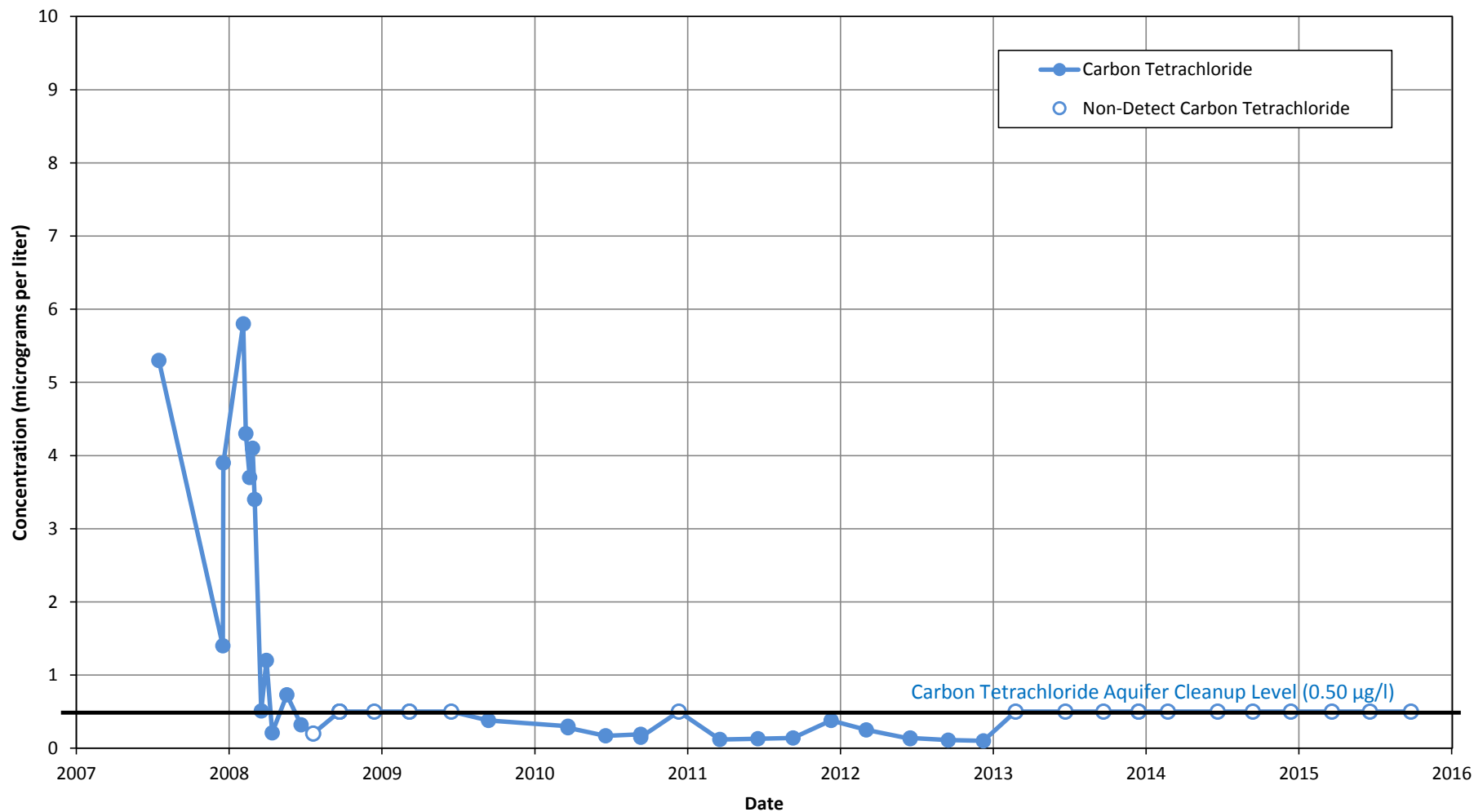


Carbon Tetrachloride Concentration Over Time
EW-BW-100-A
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

9

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 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

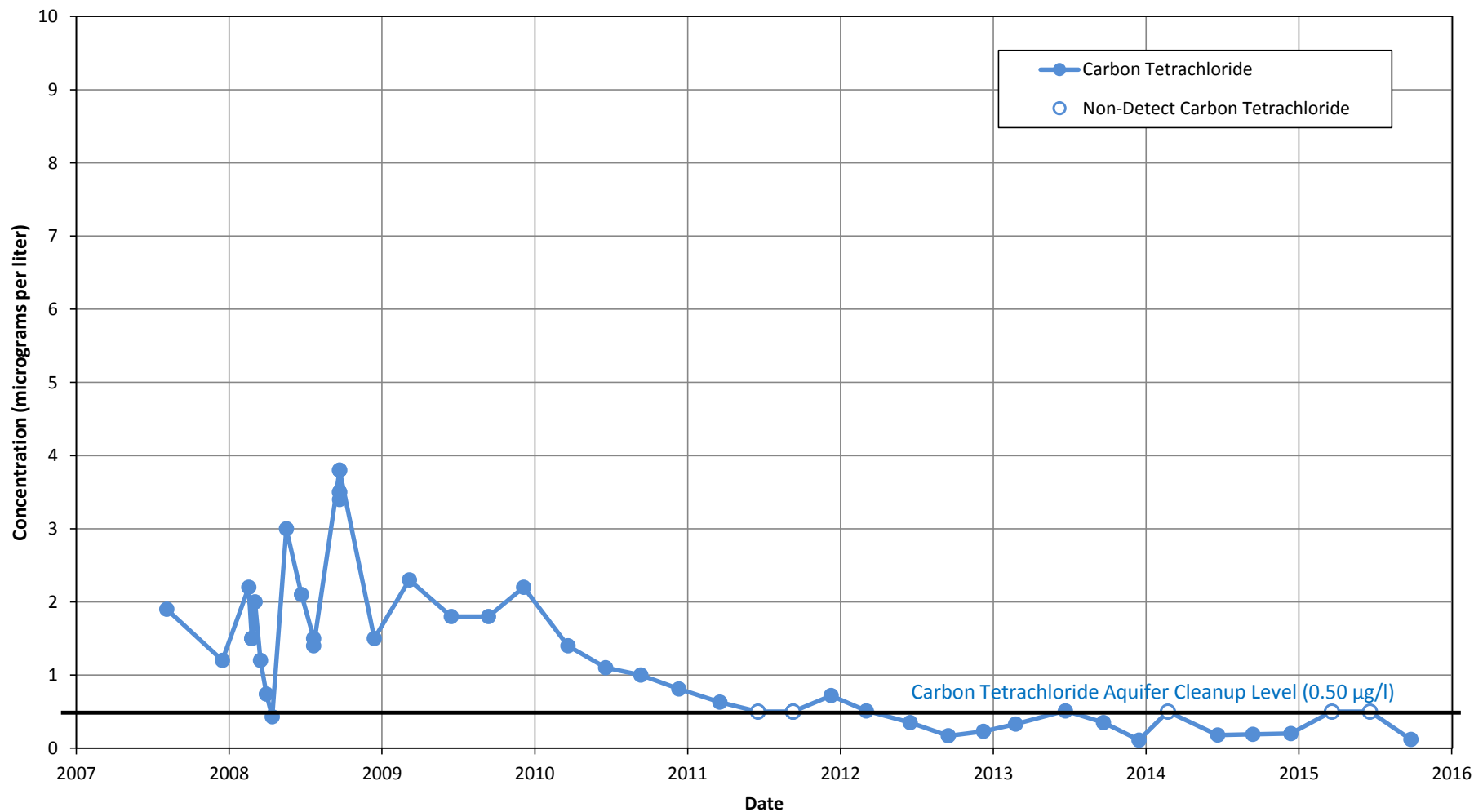


Carbon Tetrachloride Concentration Over Time
EISB-EW-03
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

10

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

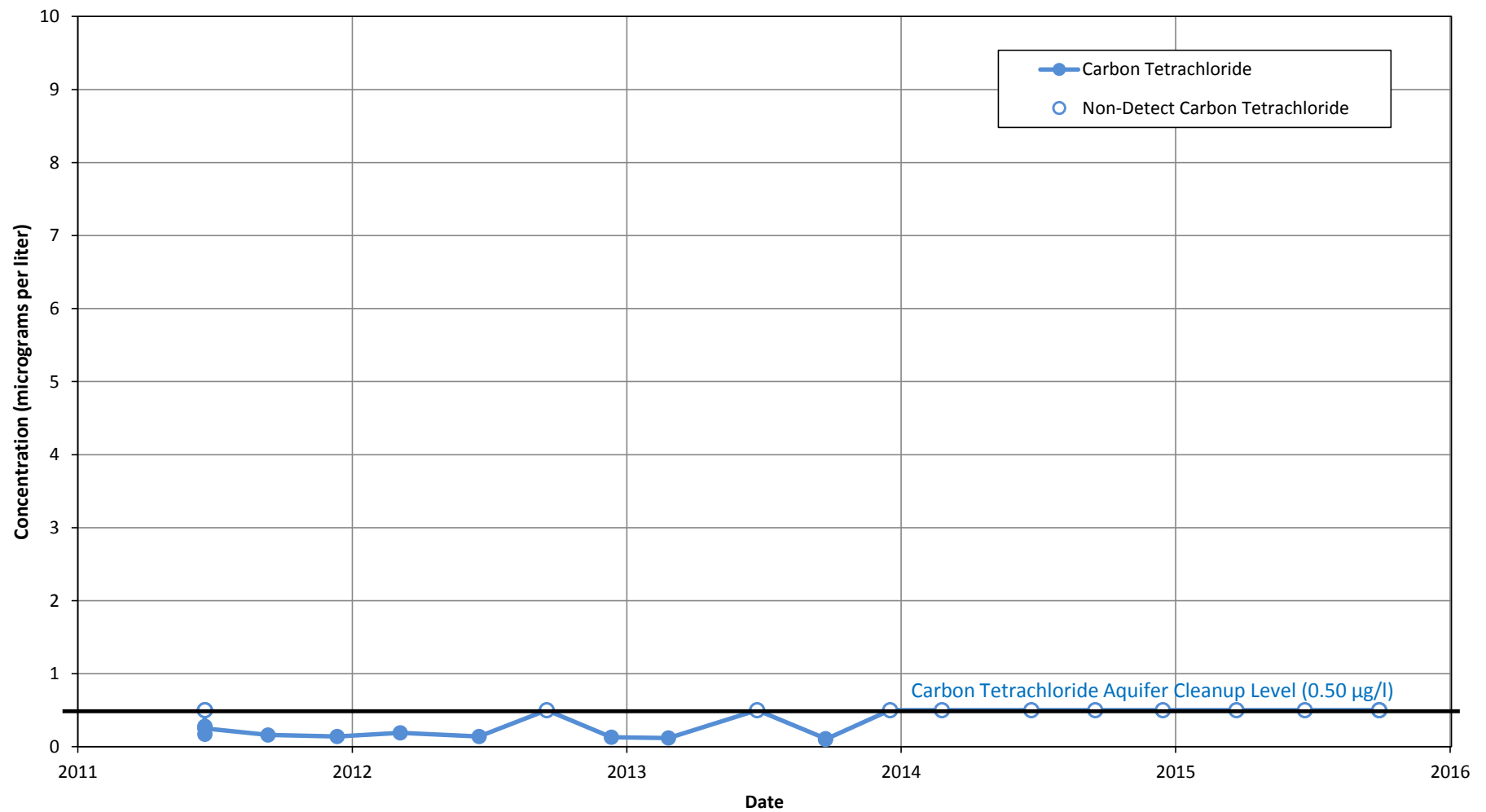


Carbon Tetrachloride Concentration Over Time
EISB-MW-04
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

11

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

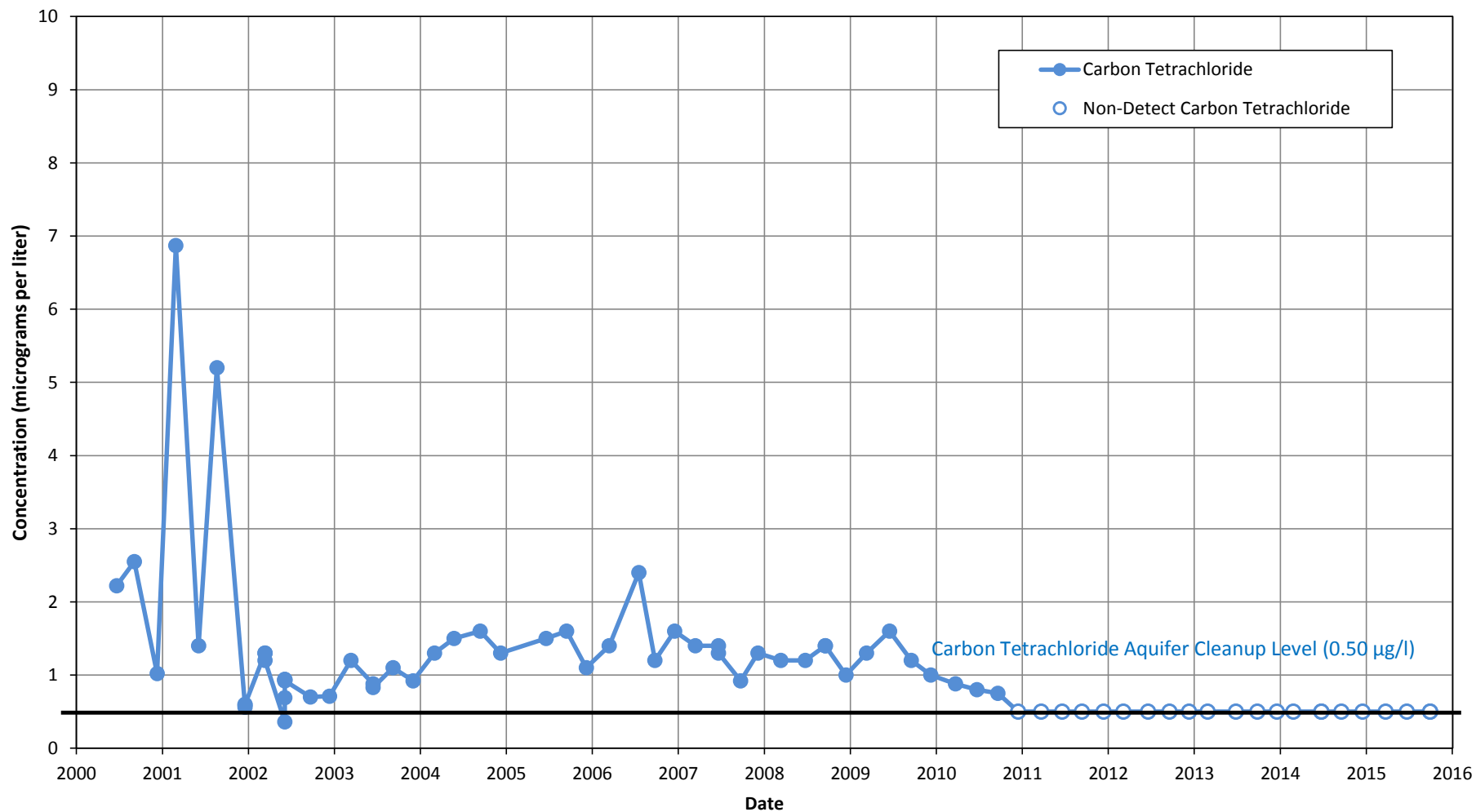


Carbon Tetrachloride Concentration Over Time
EW-BW-104-A
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

12

DRAWN JOB NUMBER
 ZC 8415180880



Note: Non-detect values are posted as the reporting limit

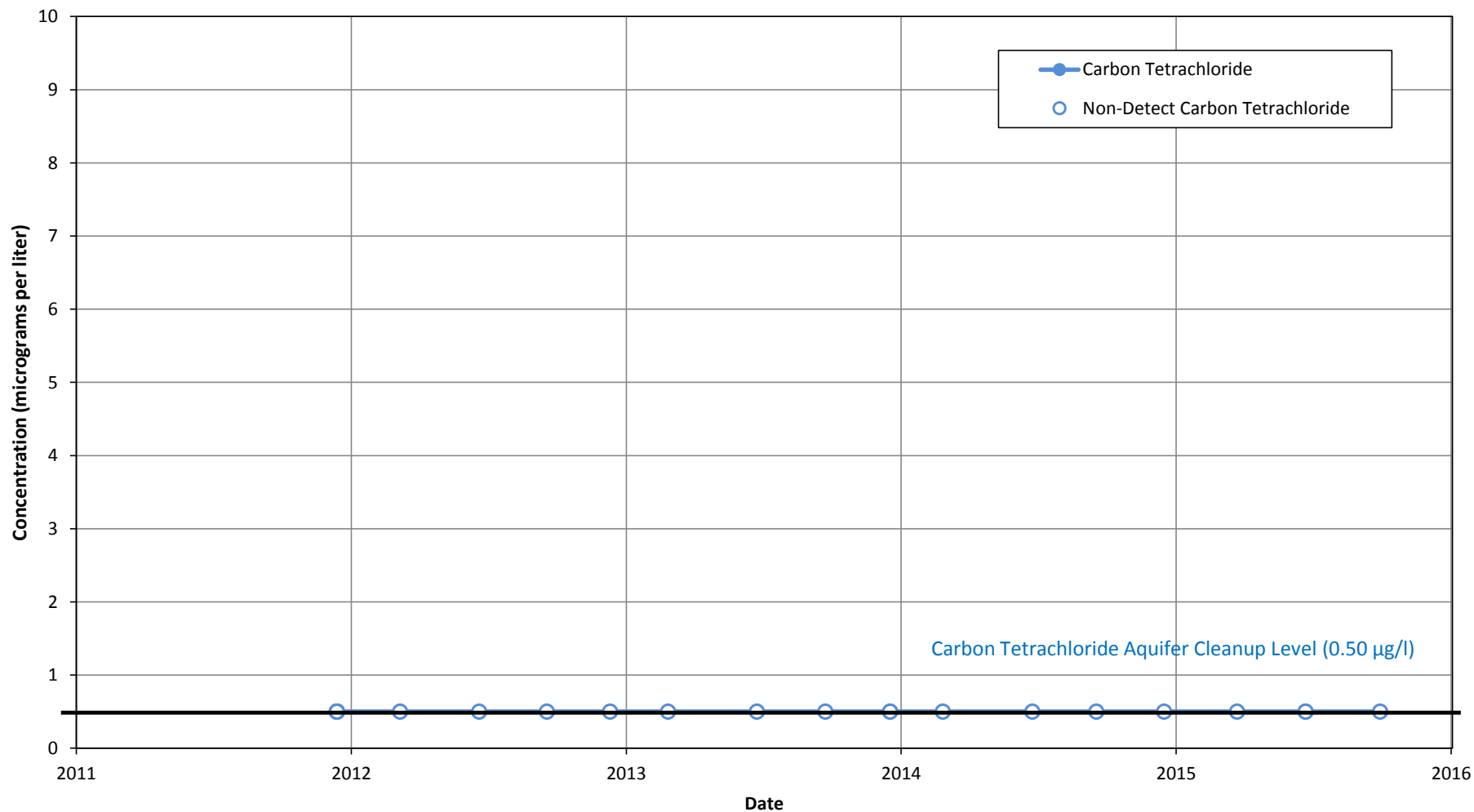


Carbon Tetrachloride Concentration Over Time
MW-BW-25-A
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

13

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

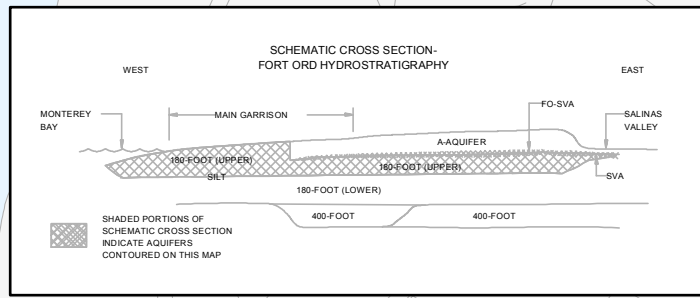
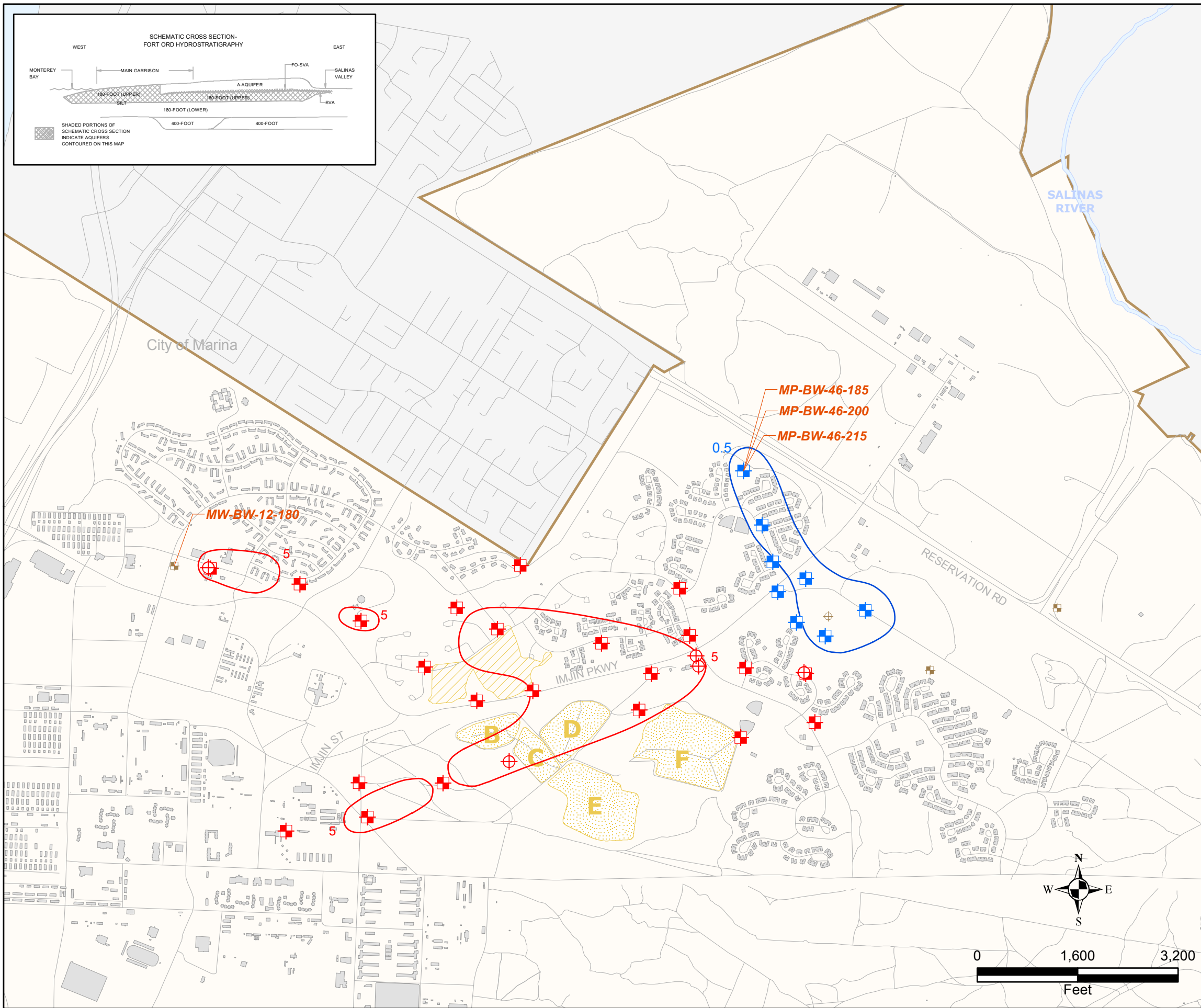


Carbon Tetrachloride Concentration Over Time
EW-BW-126-A
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

14

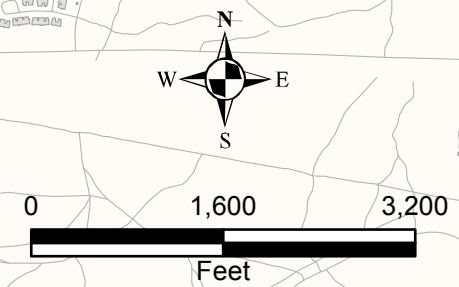
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EXPLANATION

- Monitoring Well with CT Detection
- Extraction Well with CT Detection
- Monitoring Well with TCE Detection
- Extraction Well with TCE Detection
- MW-BW-12-180** Meets decision criteria to stop sampling as defined in Volume I, Appendix A of the Final Revision 3 QAPP (Army, 2015).
- Monitoring Well CT Not Detected
- Extraction Well CT Not Detected
- Monitoring Well Not Sampled This Quarter
- Extraction Well Not Sampled This Quarter
- Chemical of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L
 - 0.5 Carbon tetrachloride (CT)
 - 5 Trichloroethene (TCE)
- Approximate extent of Fort Ord Landfill Cells
 - OU2 Landfill Areas B through F
 - Cell A (clean closed)
 - Roads
 - Facilities
 - Former Fort Ord Boundary

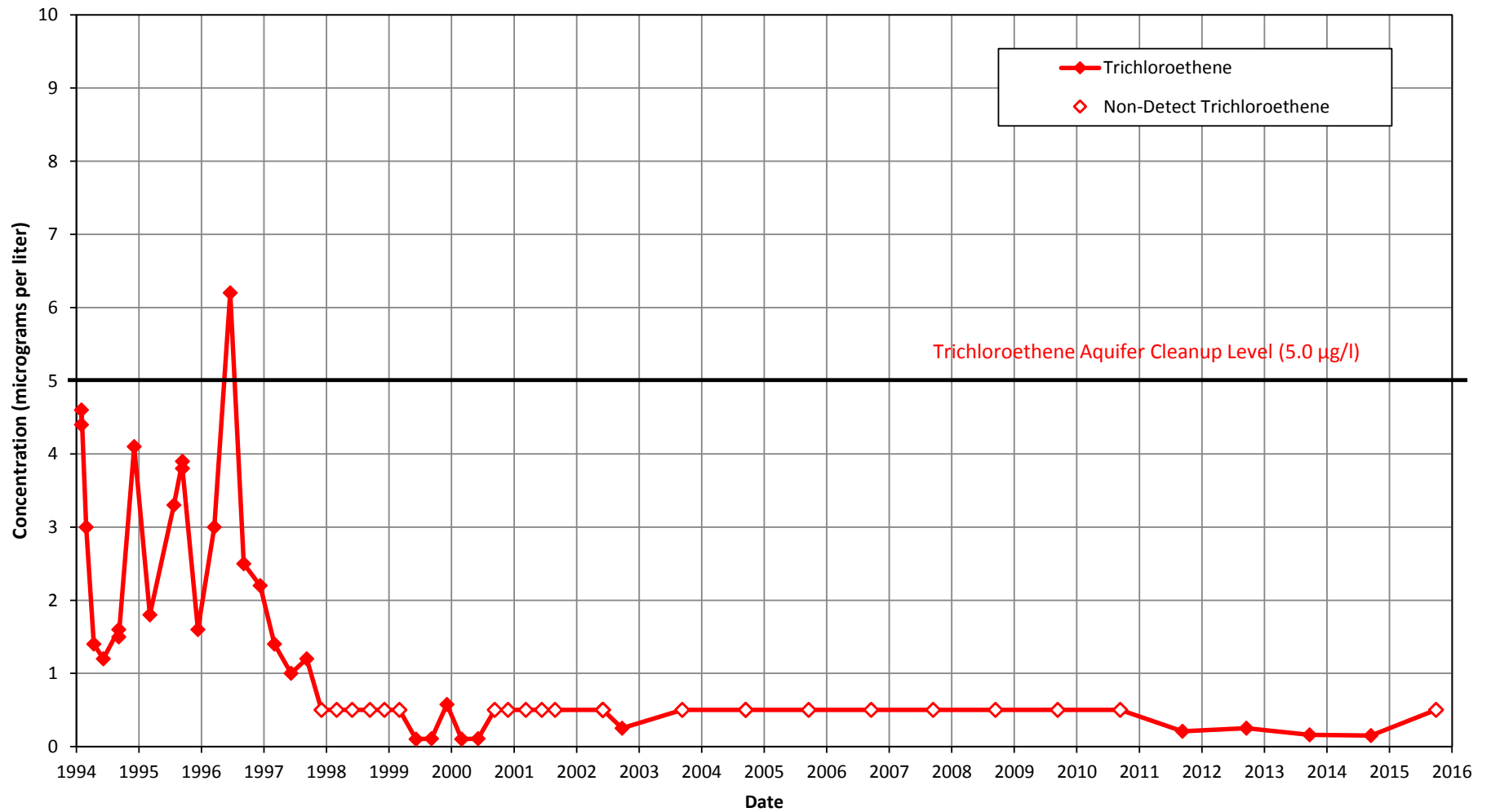
- NOTES:
- (1) Contours are based on one interpretation of the data that were available at the time this report was prepared; other interpretations may be possible.
 - (2) Contours based on highest value obtained from multiple bags where applicable.
 - (3) Contours near wells not sampled this quarter are inferred from previous analytical data.



SAMPLE FREQUENCY CHANGES
 OU2, OUCTP
 UPPER 180-FOOT AQUIFER
 Based on Data Collected Through
 Third Quarter 2015
 Former Fort Ord, California

Date: 11/2015 Project No. 8415180880

Figure 3

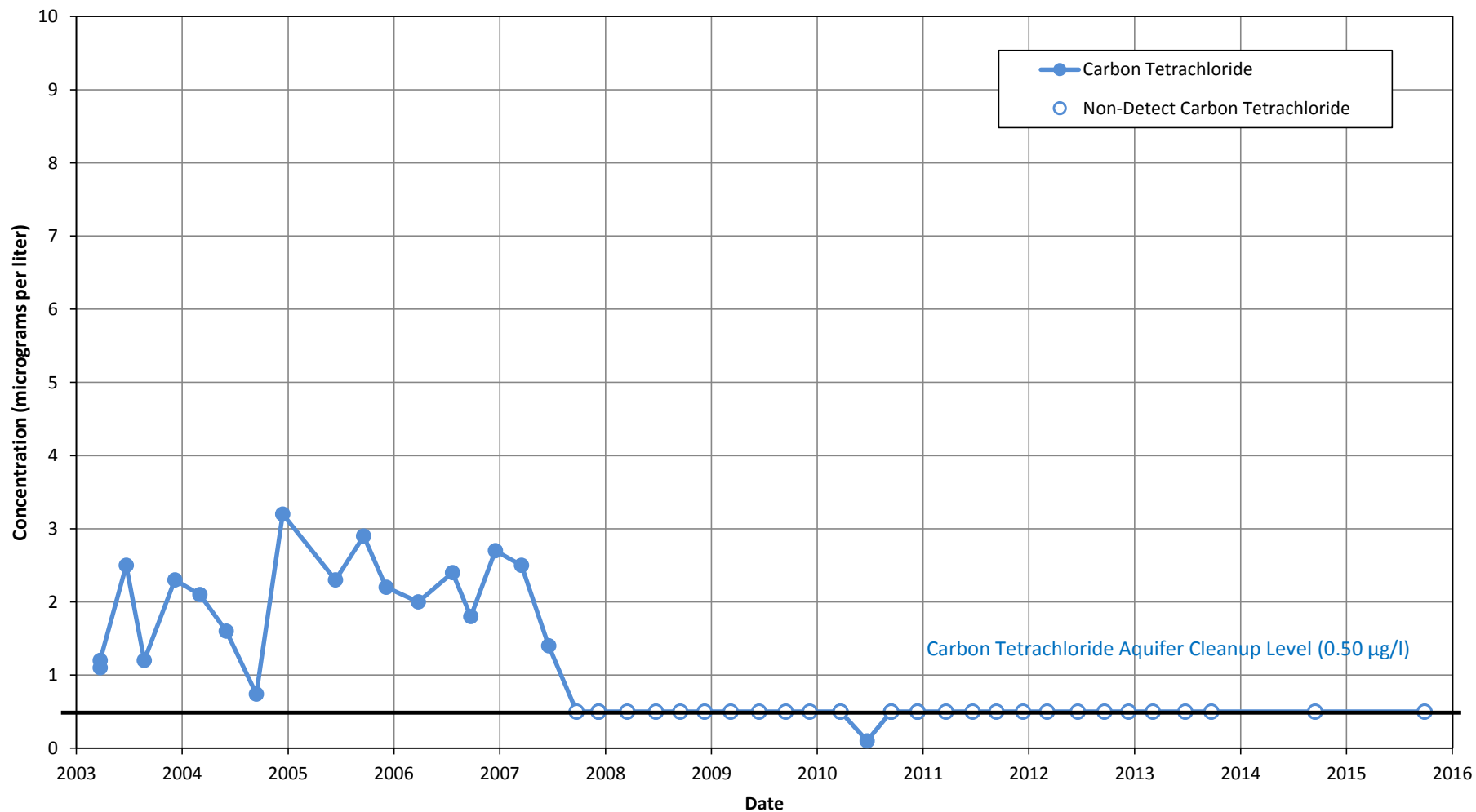


Note: Non-detect values are posted as the reporting limit



Trichloroethene Concentration Over Time
MW-BW-12-180
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph



Note: Non-detect values are posted as the reporting limit

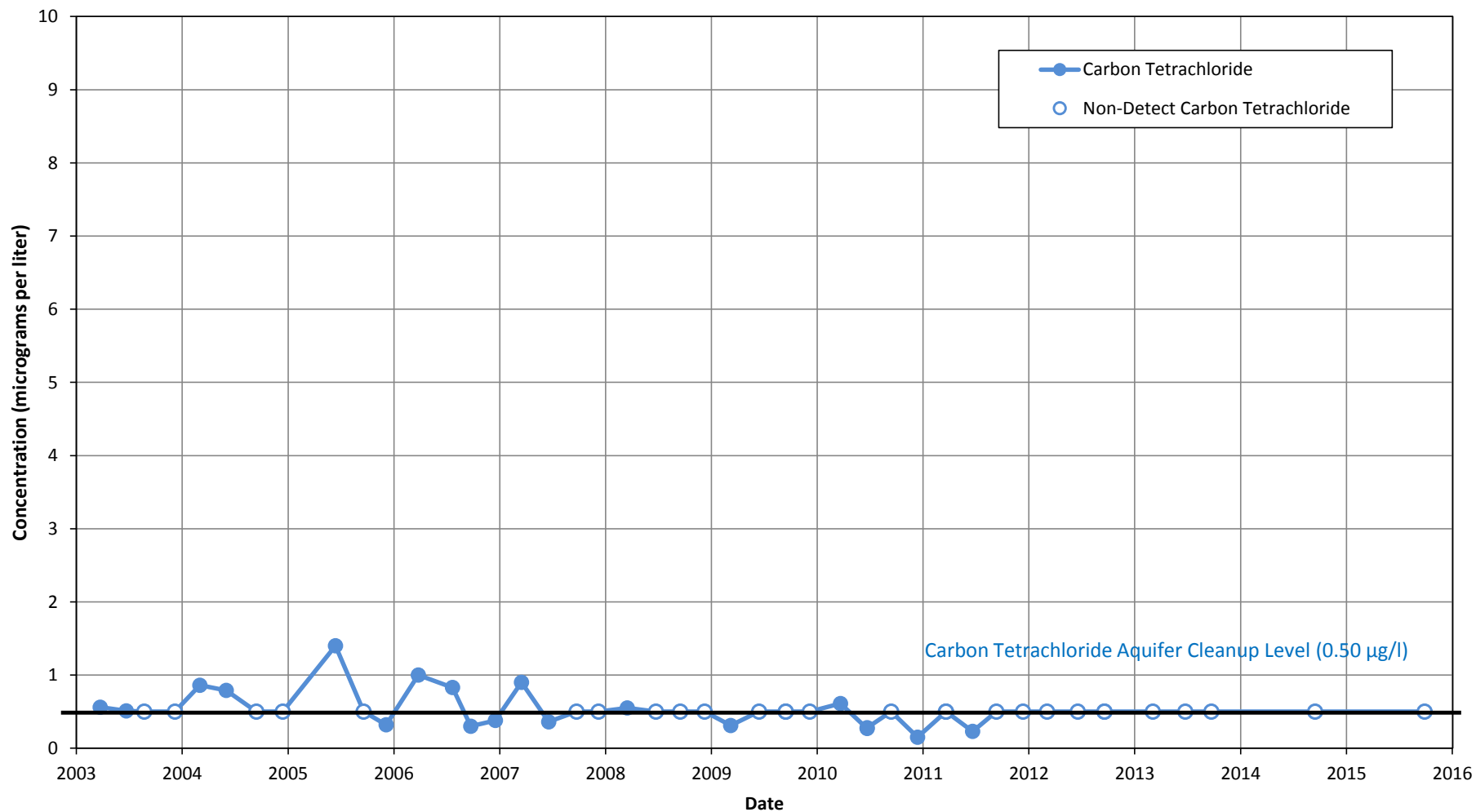


Carbon Tetrachloride Concentration Over Time
MP-BW-46-185
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

16

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 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

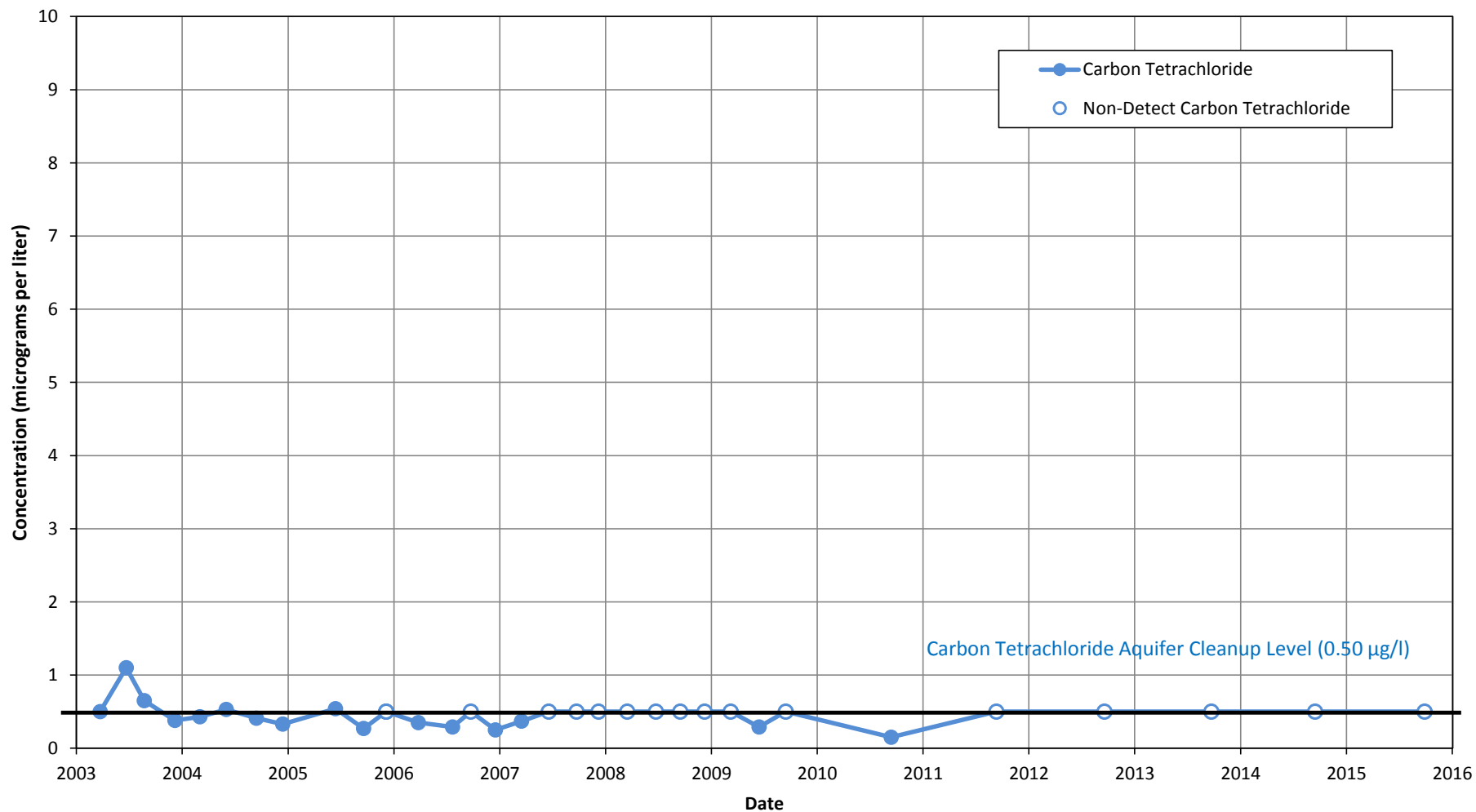


Carbon Tetrachloride Concentration Over Time
MP-BW-46-200
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

17

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit



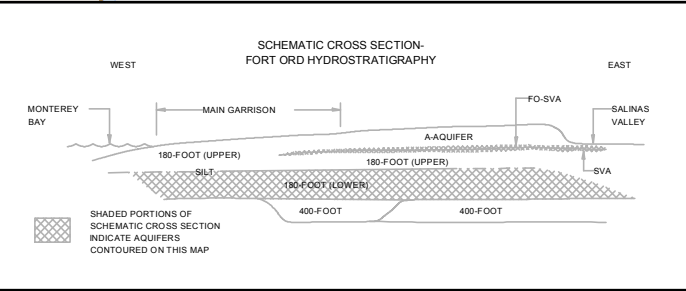
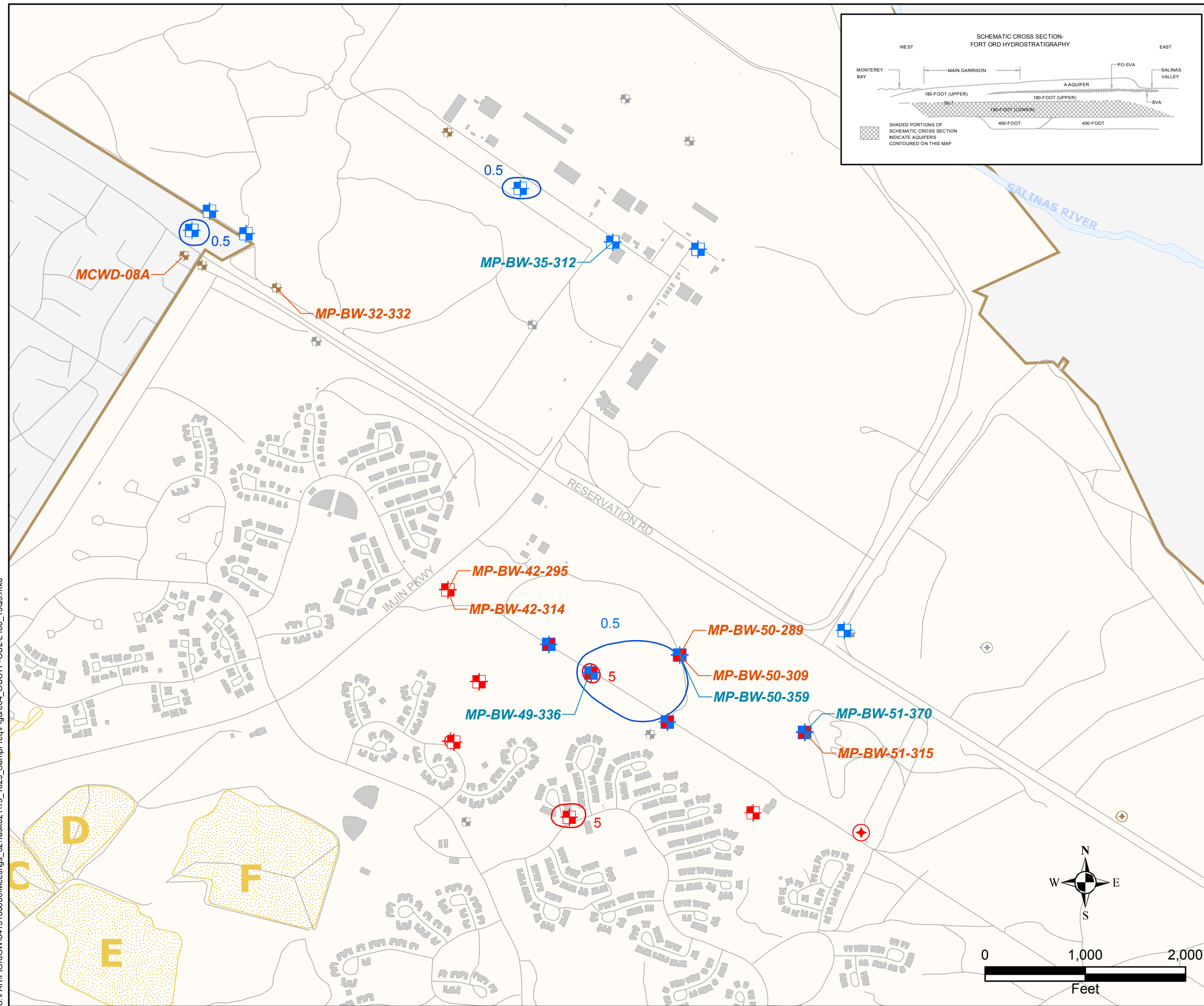
Carbon Tetrachloride Concentration Over Time
MP-BW-46-215
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

18

DRAWN: ZC
 JOB NUMBER: 8415180880

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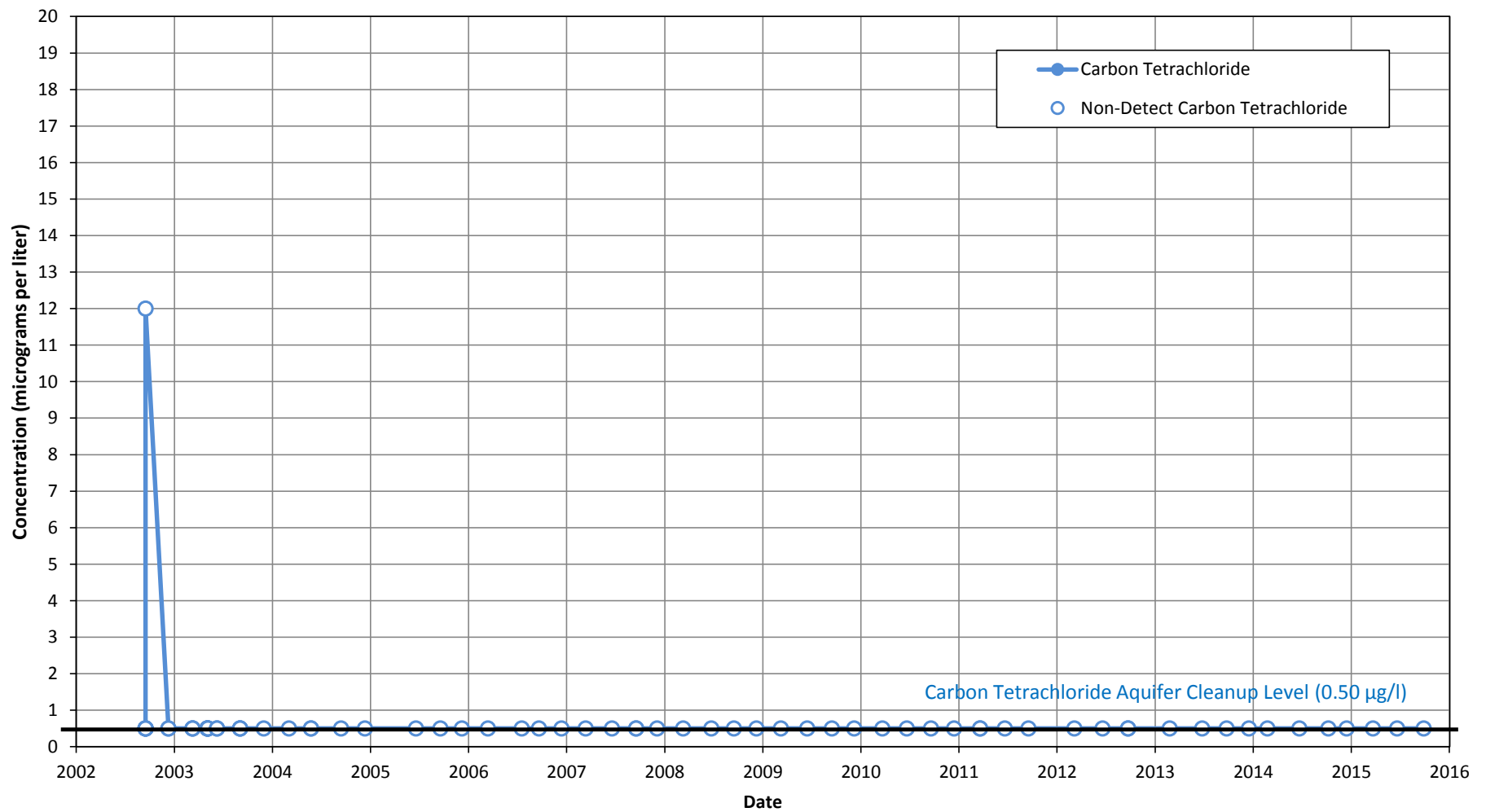


EXPLANATION

- Monitoring Well with CT Detection
 - Monitoring Well with TCE Detection
 - Remediation Extraction Well with TCE Detection
 - Active Supply Well with TCE Detection
 - Monitoring Well with TCE and CT Detections
 - Monitoring Well CT Not Detected
 - Extraction Well CT Not Detected
 - Monitoring Well Not Sampled This Quarter
 - Extraction Well Not Sampled This Quarter
- Chemical of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L
- 0.5 Carbon tetrachloride (CT)
 - 5 Trichlorethene (TCE)
- Approximate extent of Fort Ord Landfill Cells
- OU2 Landfill Areas B through F
 - Cell A (clean closed)
 - Roads
 - Facilities
 - Former Fort Ord Boundary

- NOTES:
- (1) Contours are based on one interpretation of the data that were available at the time this report was prepared; other interpretations may be possible.
 - (2) Contours based on highest value obtained from multiple bags where applicable.
 - (3) Supply wells FO-29, FO-30 and FO-31 have been renamed as 29(a), 30(b) and 31(c) respectively. The wells are referred to by the original names in this report for consistency.
 - (4) TCE is not a chemical of concern in the OUCTP Lower 180-Foot Aquifer.

<p>SAMPLE FREQUENCY CHANGES OU2, OUCTP LOWER 180-FOOT/400-FOOT AQUIFERS Based on Data Collected Through Third Quarter 2015 Former Fort Ord, California</p>		
Date: 11/2015	Project No. OD14170870	



Note: Non-detect values are posted as the reporting limit

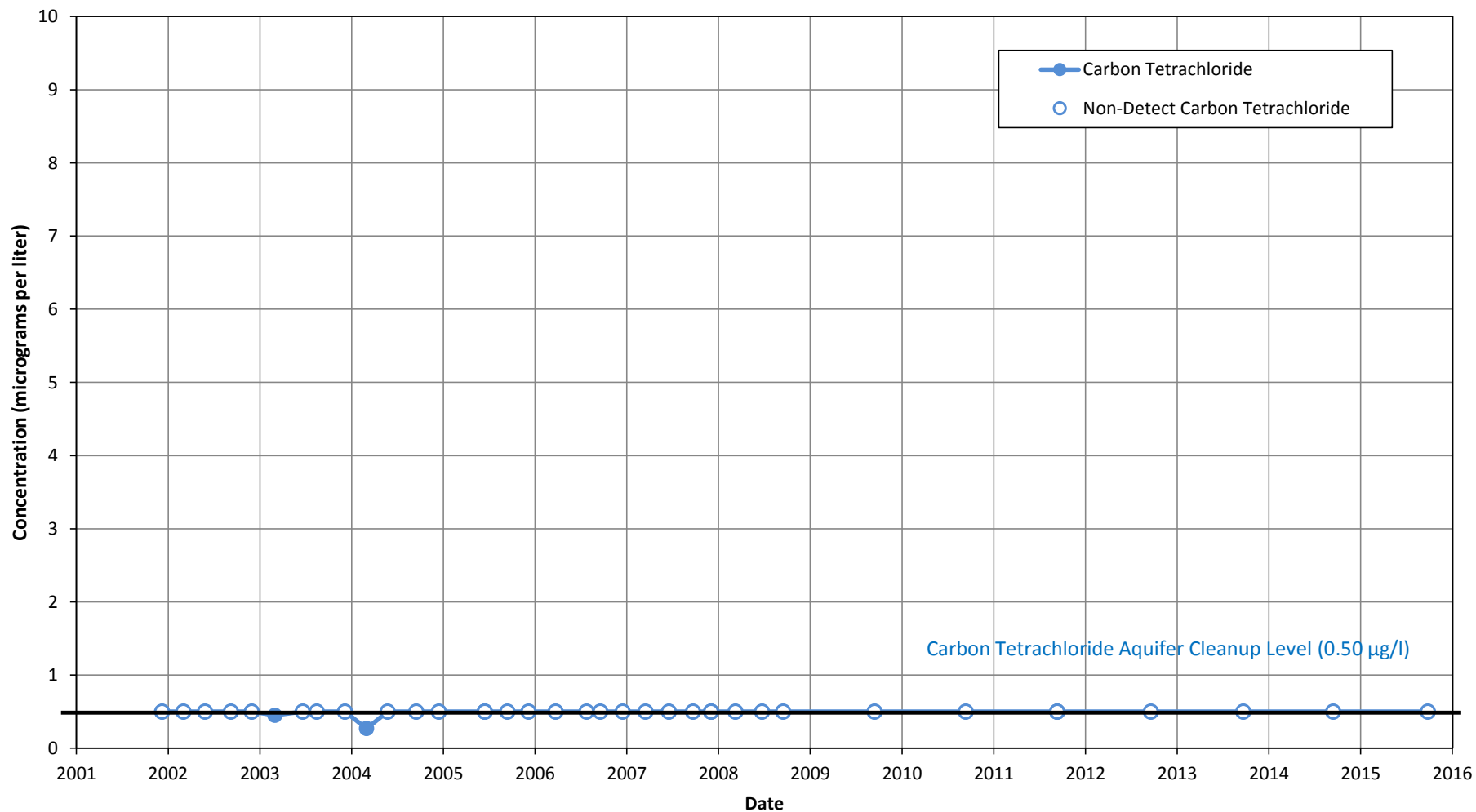


Carbon Tetrachloride Concentration Over Time
MCWD-08A
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

19

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

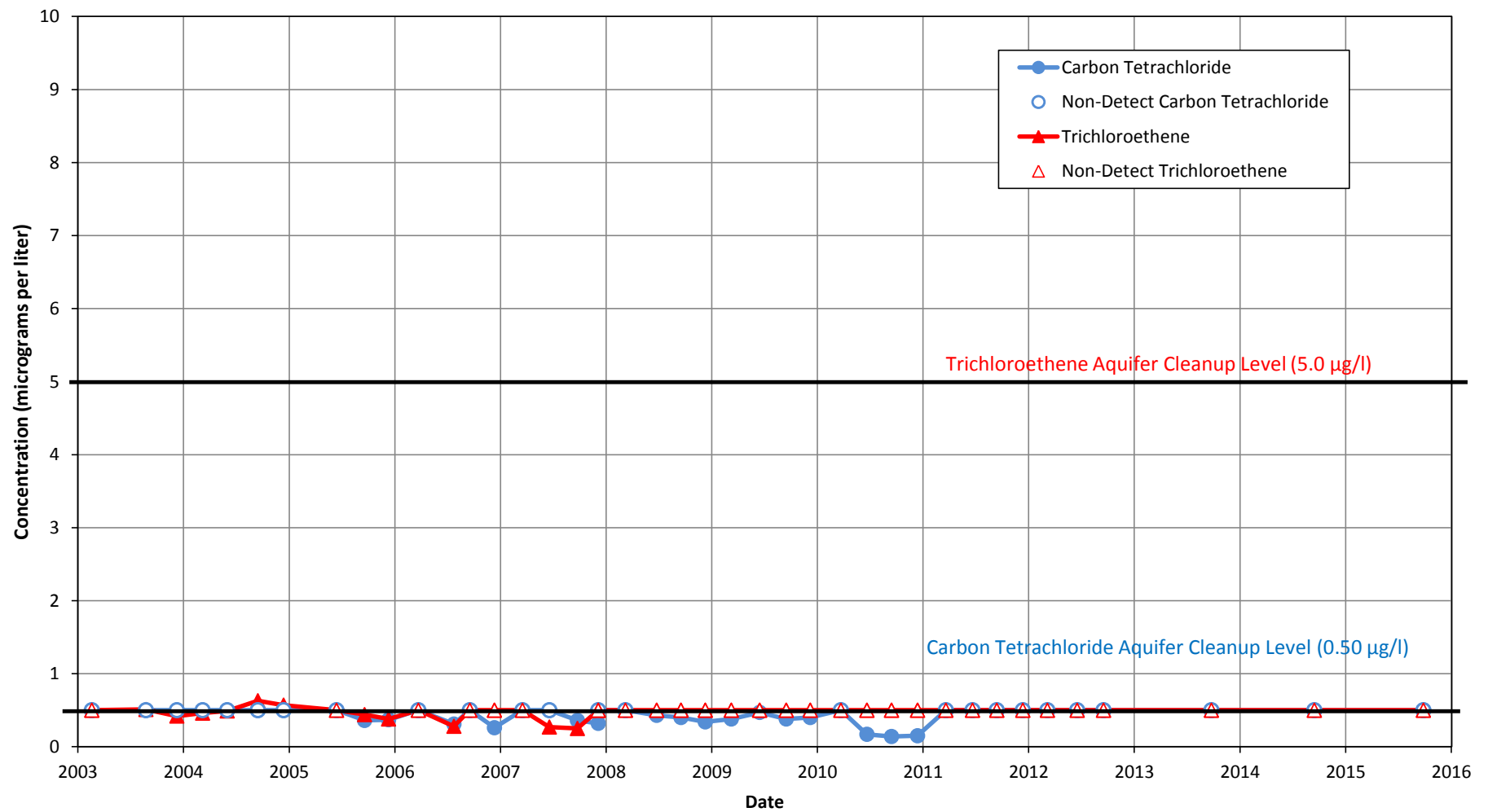


Carbon Tetrachloride Concentration Over Time
MP-BW-32-332
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

20

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

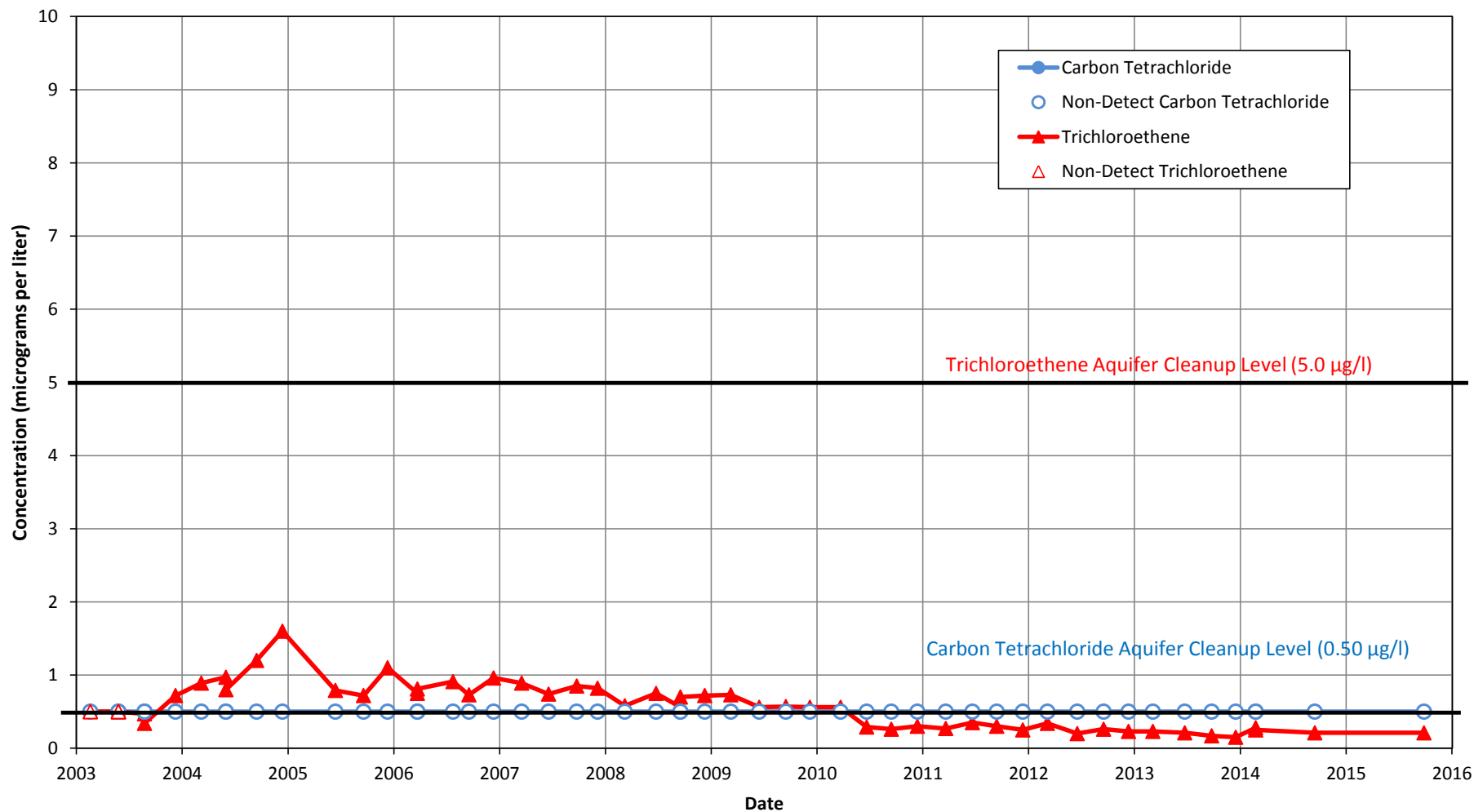


Carbon Tetrachloride and Trichloroethene Concentrations Over Time
MP-BW-42-295
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

21

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

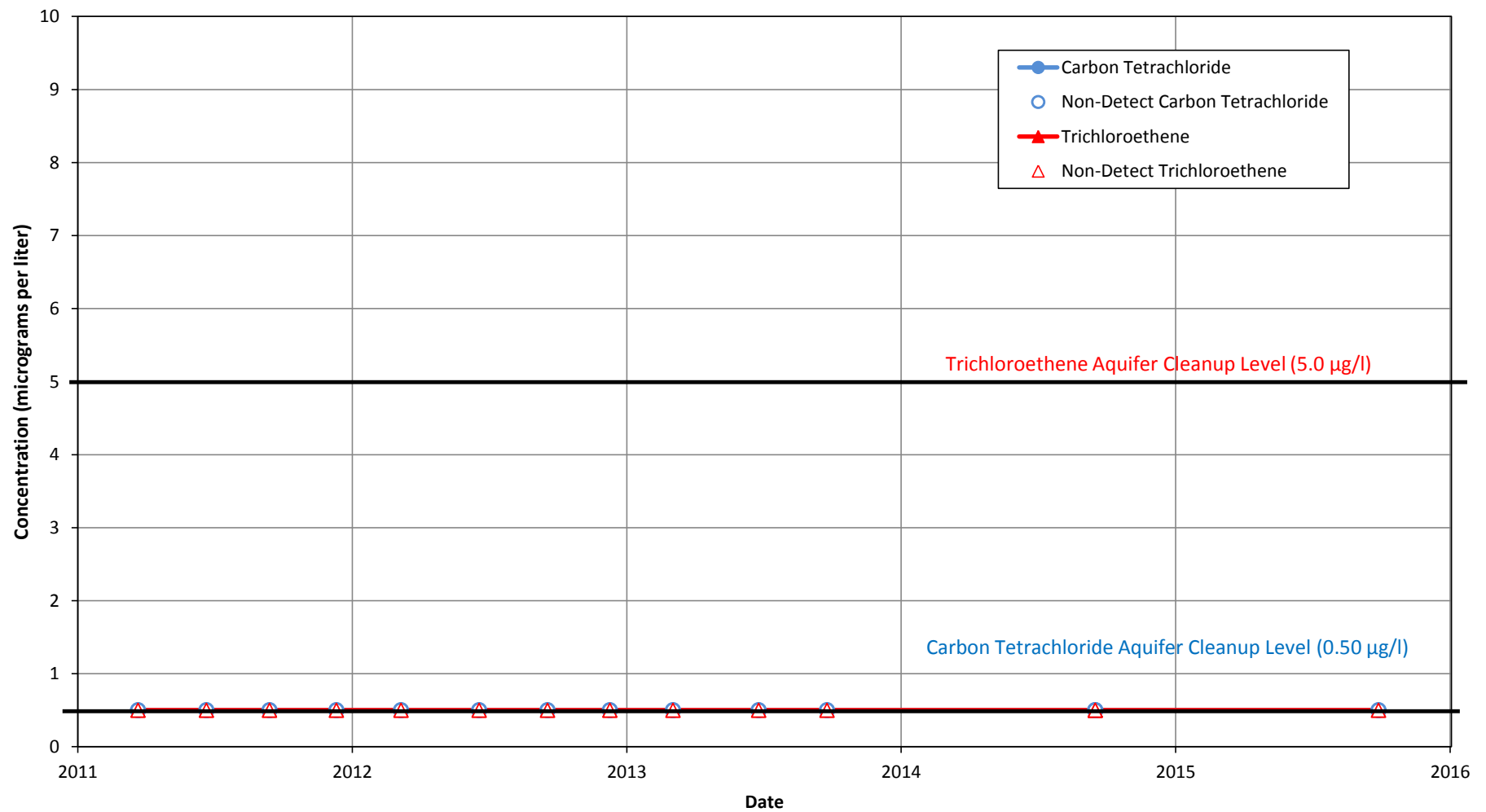


Carbon Tetrachloride and Trichloroethene Concentrations Over Time
MP-BW-42-314
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

22

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

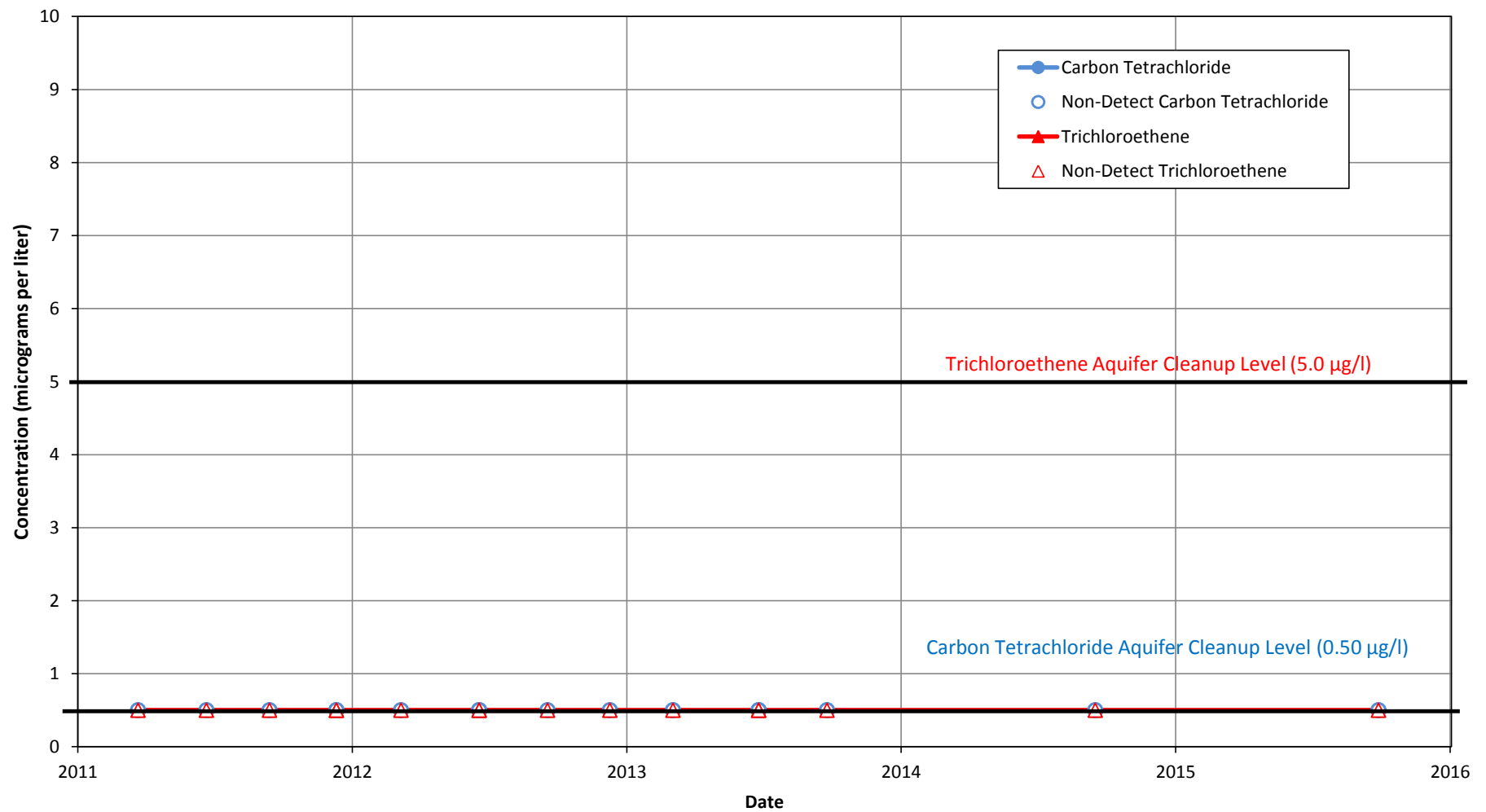


Carbon Tetrachloride and Trichloroethene Concentrations Over Time
MP-BW-50-289
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

23

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

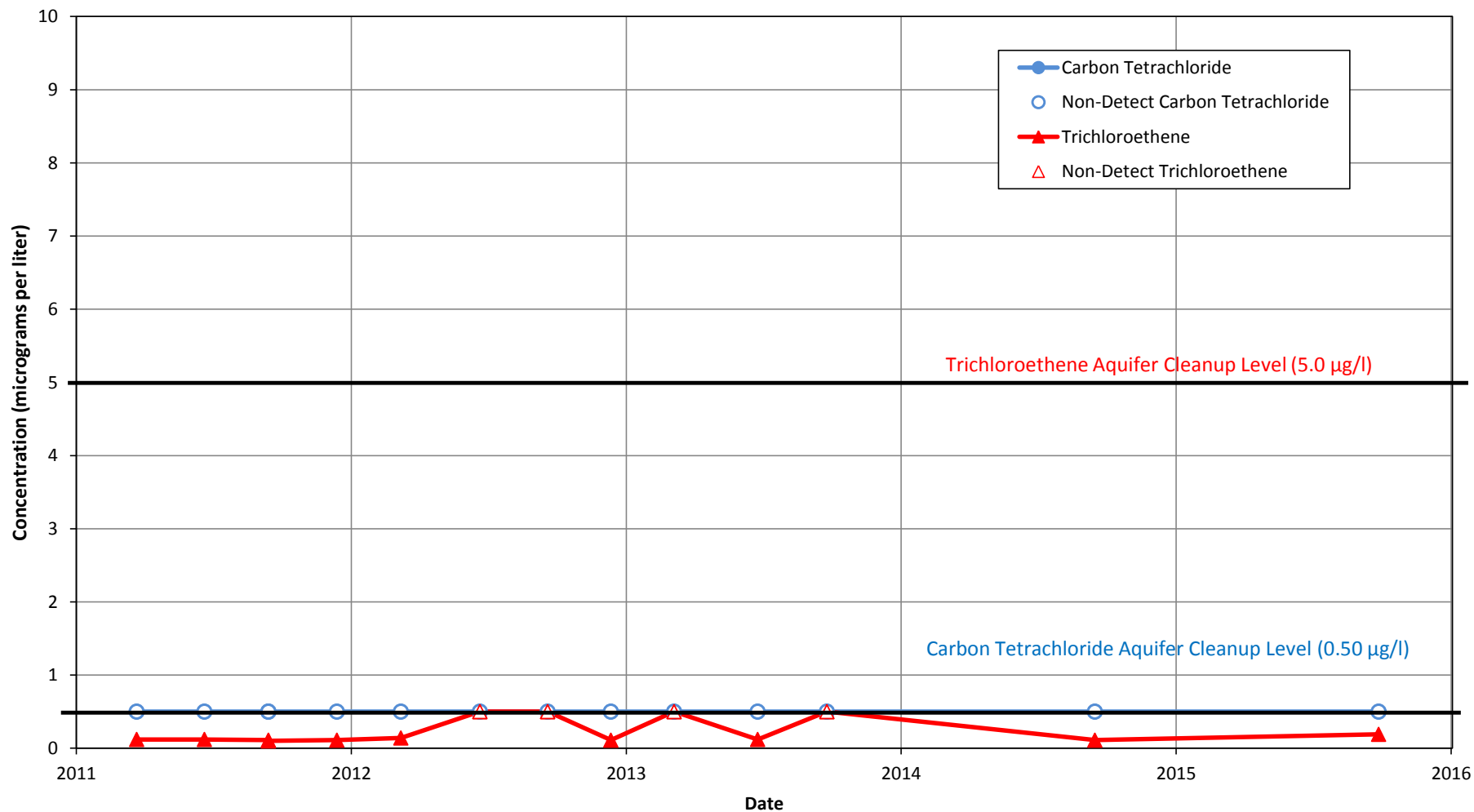


Carbon Tetrachloride and Trichloroethene Concentrations Over Time
MP-BW-50-309
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

24

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

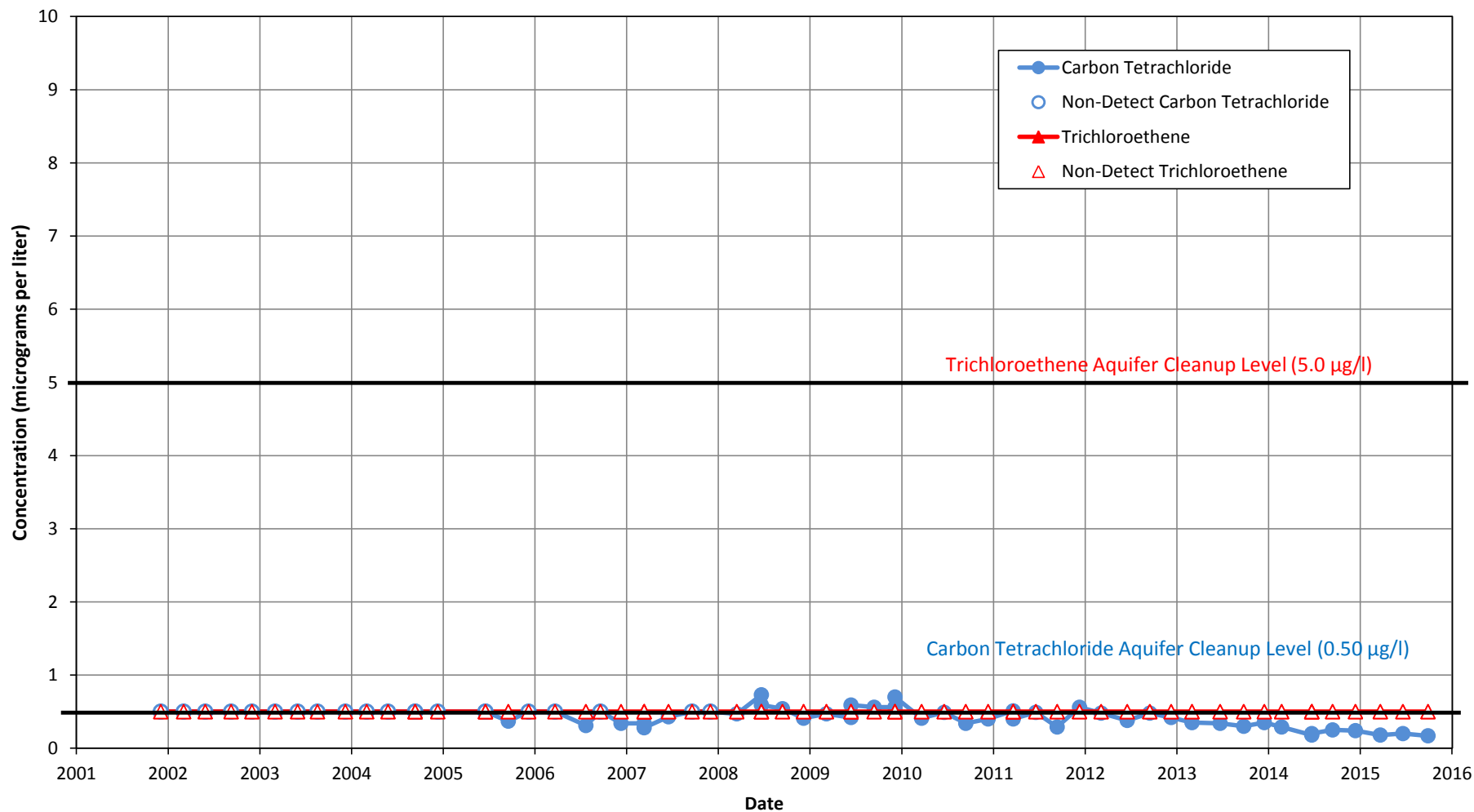


Carbon Tetrachloride and Trichloroethene Concentrations Over Time
MP-BW-51-315
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

25

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit



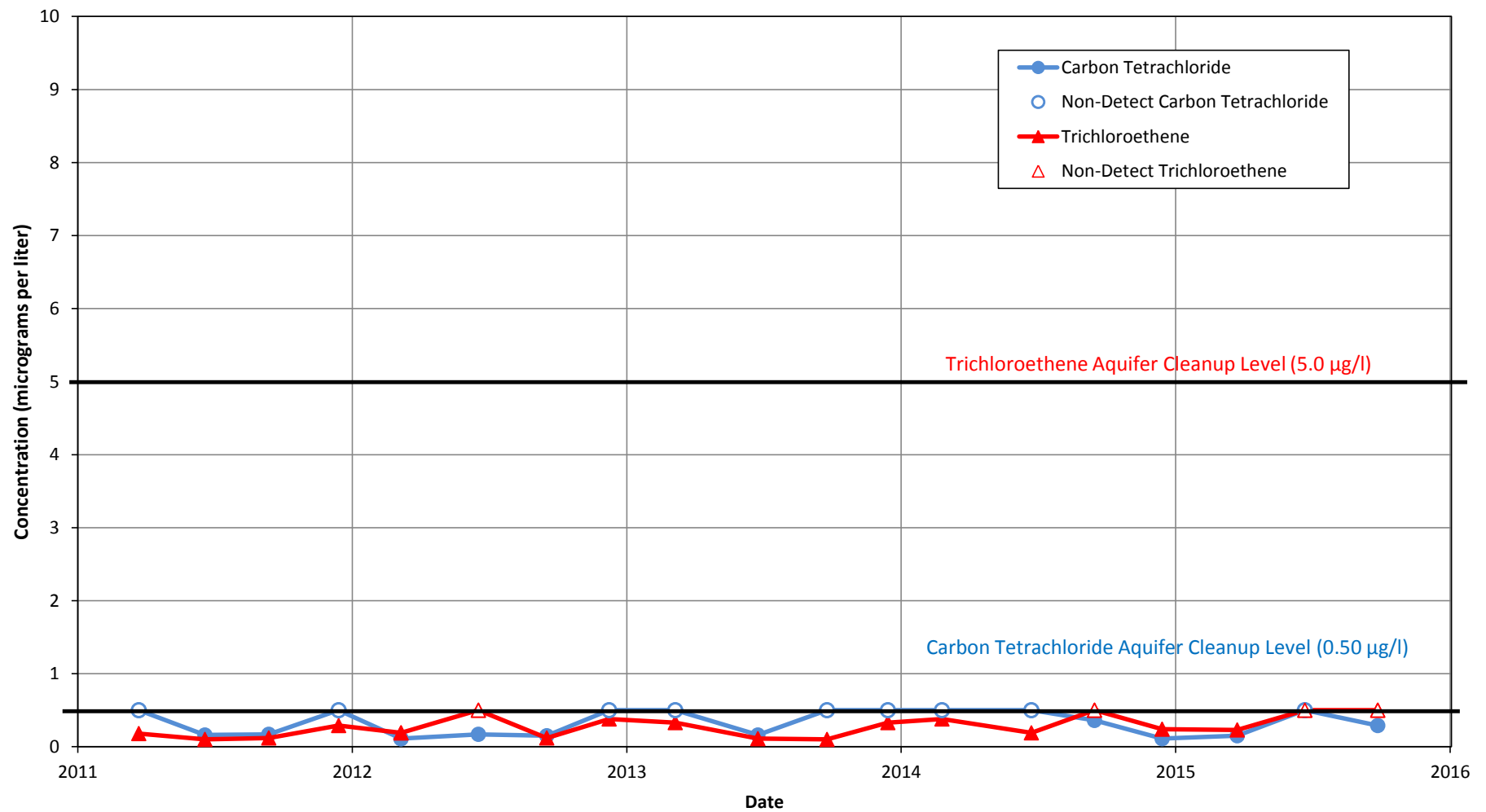
Carbon Tetrachloride and Trichloroethene Concentrations Over Time
MP-BW-35-312
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

26

DRAWN
ZC

JOB NUMBER
8415180880



Note: Non-detect values are posted as the reporting limit

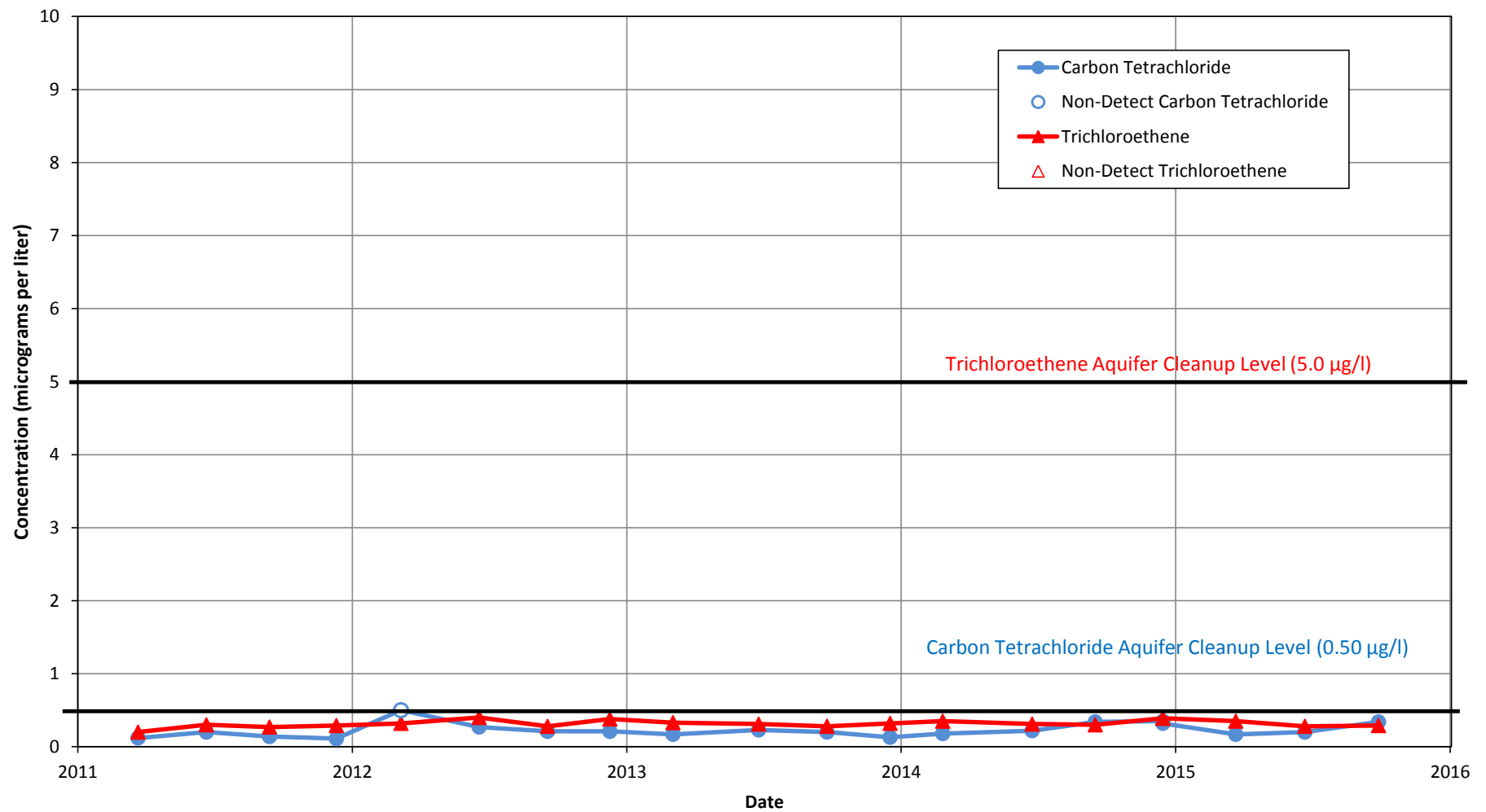


Carbon Tetrachloride and Trichloroethene Concentrations Over Time
MP-BW-49-336
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

27

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit

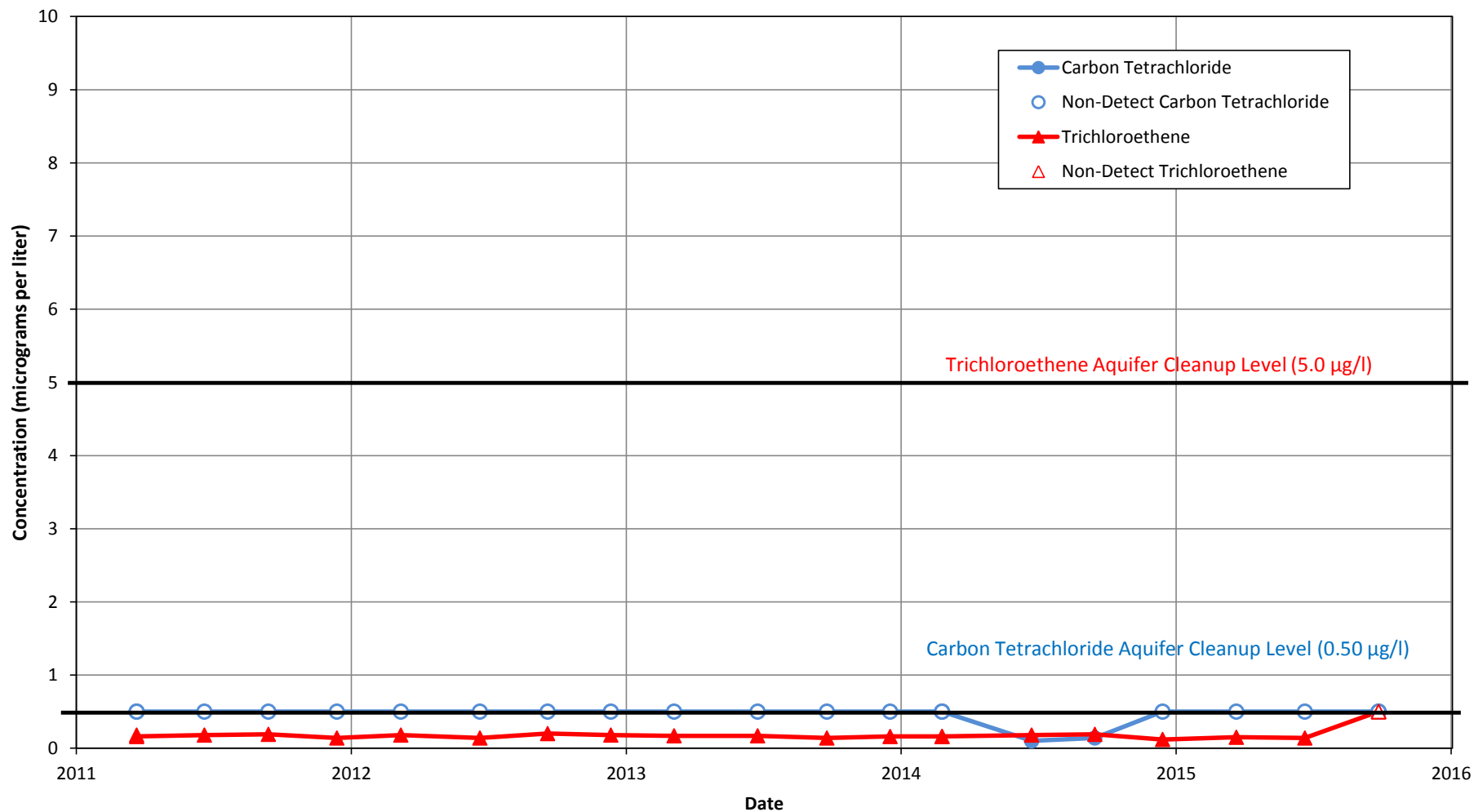


Carbon Tetrachloride and Trichloroethene Concentrations Over Time
MP-BW-50-359
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

28

DRAWN: ZC
 JOB NUMBER: 8415180880



Note: Non-detect values are posted as the reporting limit



Carbon Tetrachloride and Trichloroethene Concentrations Over Time
MP-BW-51-370
Results through 3rd Quarter 2015
Former Fort Ord
Former Fort Ord, California

Graph

29

DRAWN: ZC
 JOB NUMBER: 8415180880