

Appendix D

Time Series Plots of Analytical Data

(Provided electronically on disc)

Time series plots for trichloroethene (TCE), perchlorate, and tritium are presented in this Appendix. Only primary sample results for the following wells are presented in the plots.

TCE

FSDF/ESADA

RD-21
RD-23
RD-33A
RD-54A
RD-54B
RD-54C
RD-64
RD-65
RS-18
RS-54

Bldg 56 Landfill

RD-07

B4057/59/626

PZ-109

RMHF

RD-30
RD-34A
RD-34B
RD-63
RD-98
RS-28

HMSA/PDU

PZ-108
PZ-120

OCY

RD-14

Bldg 65 Metals Clarifier

PZ-005
PZ-104
PZ-105

Southeast Drum Storage

PZ-051
PZ-052

Pond Dredge Area

RD-13

Bldg 4100/4009

RD-91

Perchlorate

FSDF/ESADA

RD-21
RD-54A
RS-18
RS-54

Tritium Plume

RD-34A

RD-88

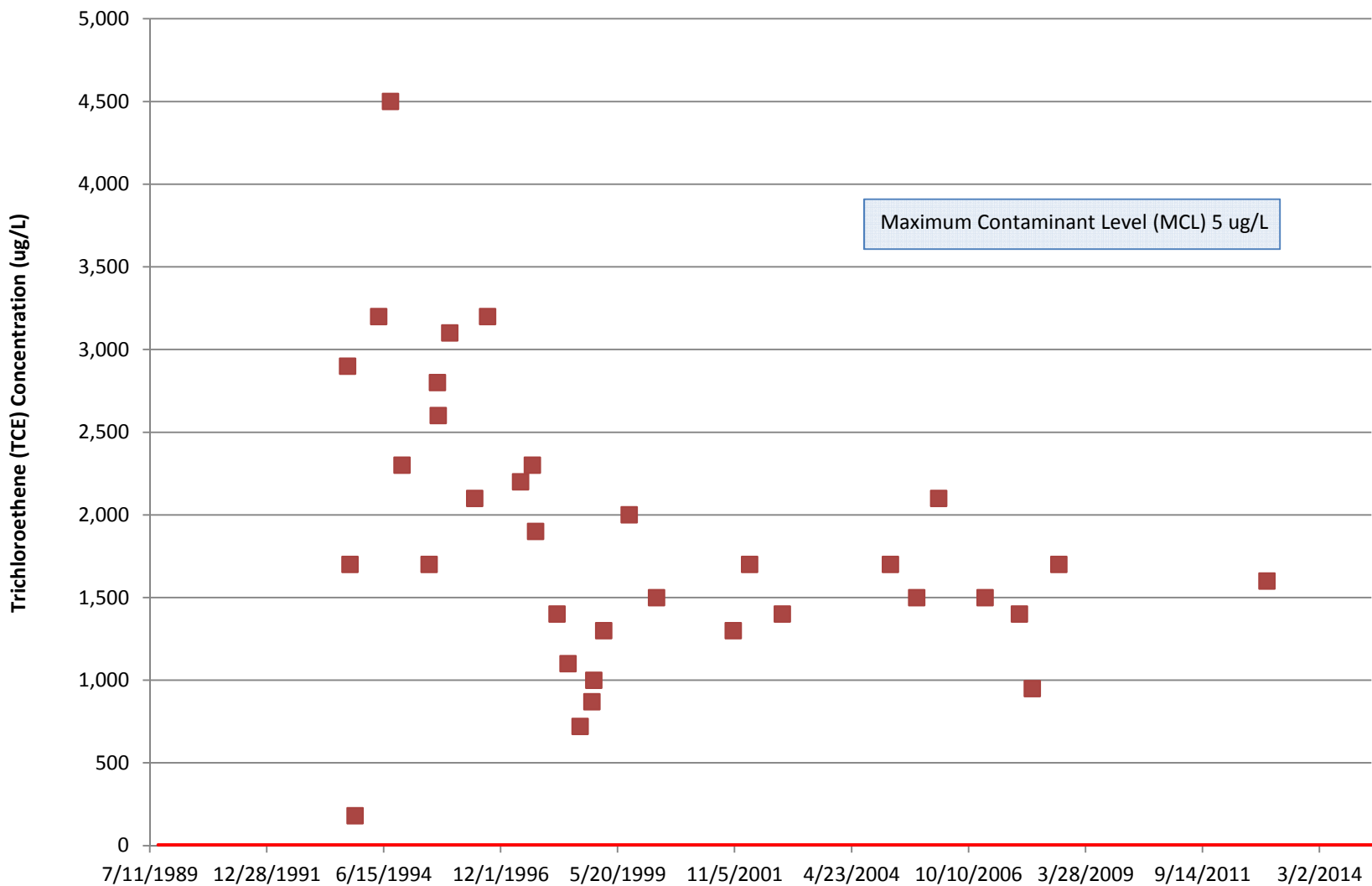
RD-90

RD-93

RD-94

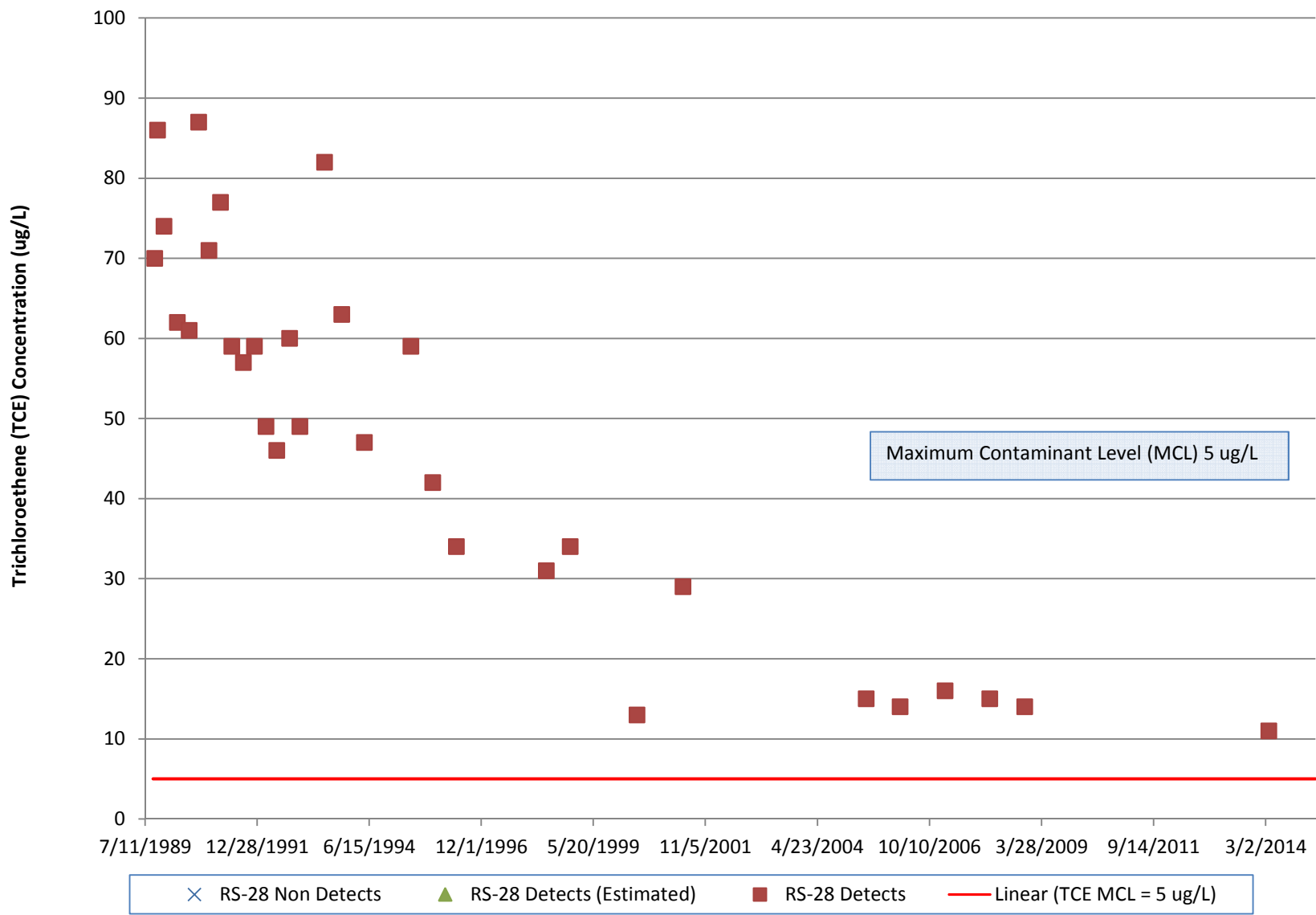
RD-95

RS-54, FSDF/ESADA Trichloroethene

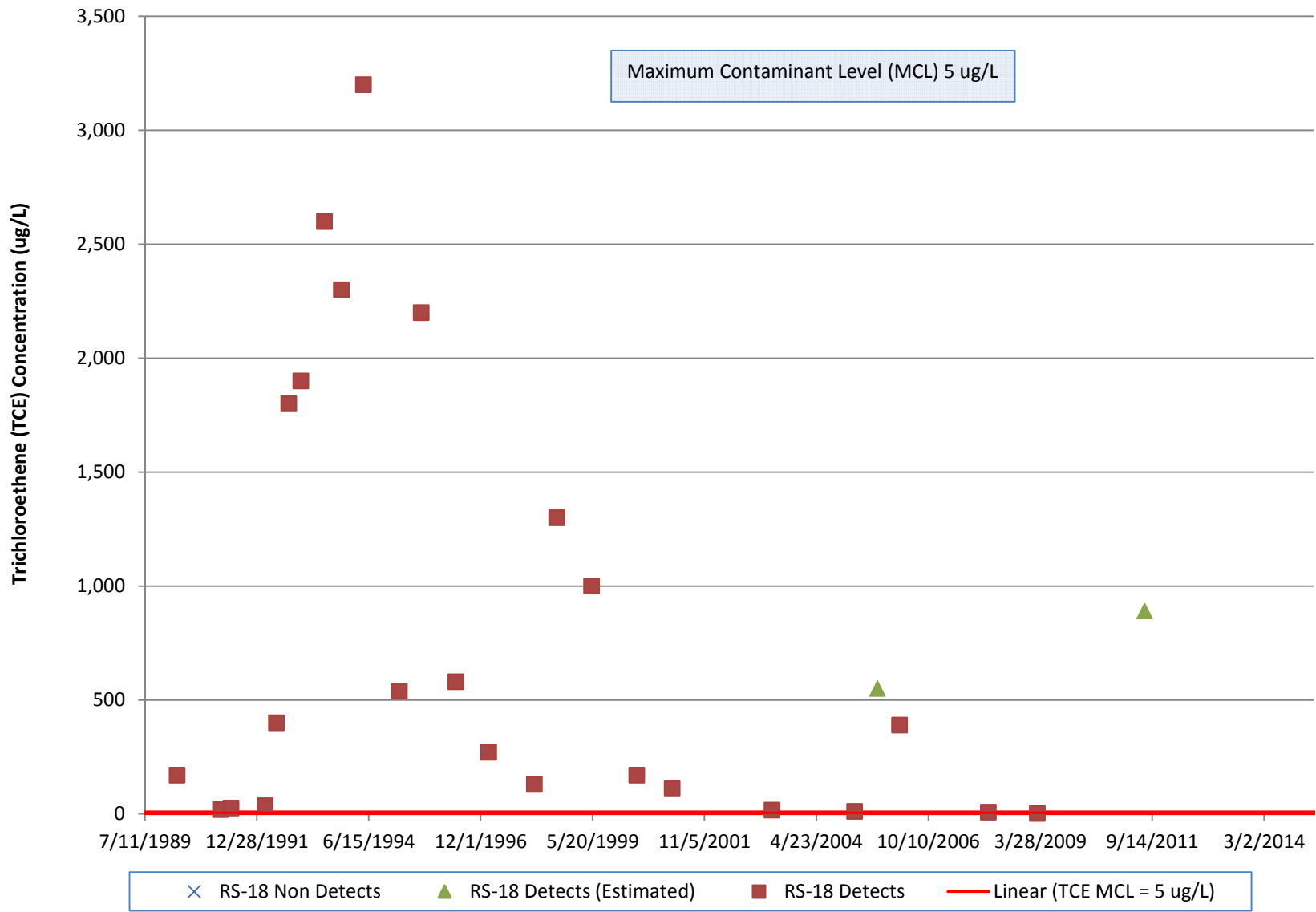


× RS-54 Non Detects ▲ RS-54 Detects (Estimated) ■ RS-54 Detects — Linear (TCE MCL = 5 ug/L)

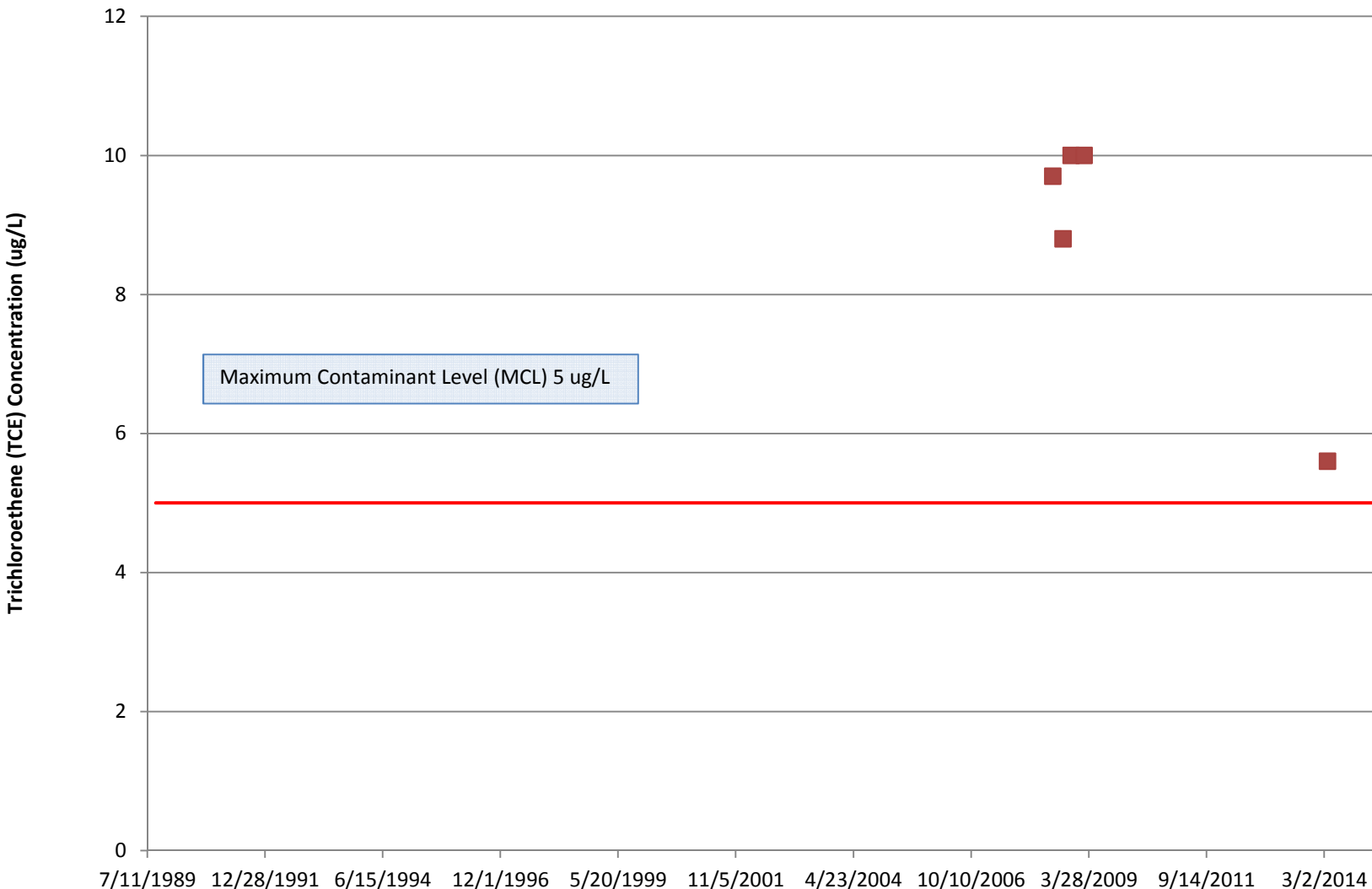
RS-28, RMHF Trichloroethene



RS-18, FSD/ESADA Trichloroethene

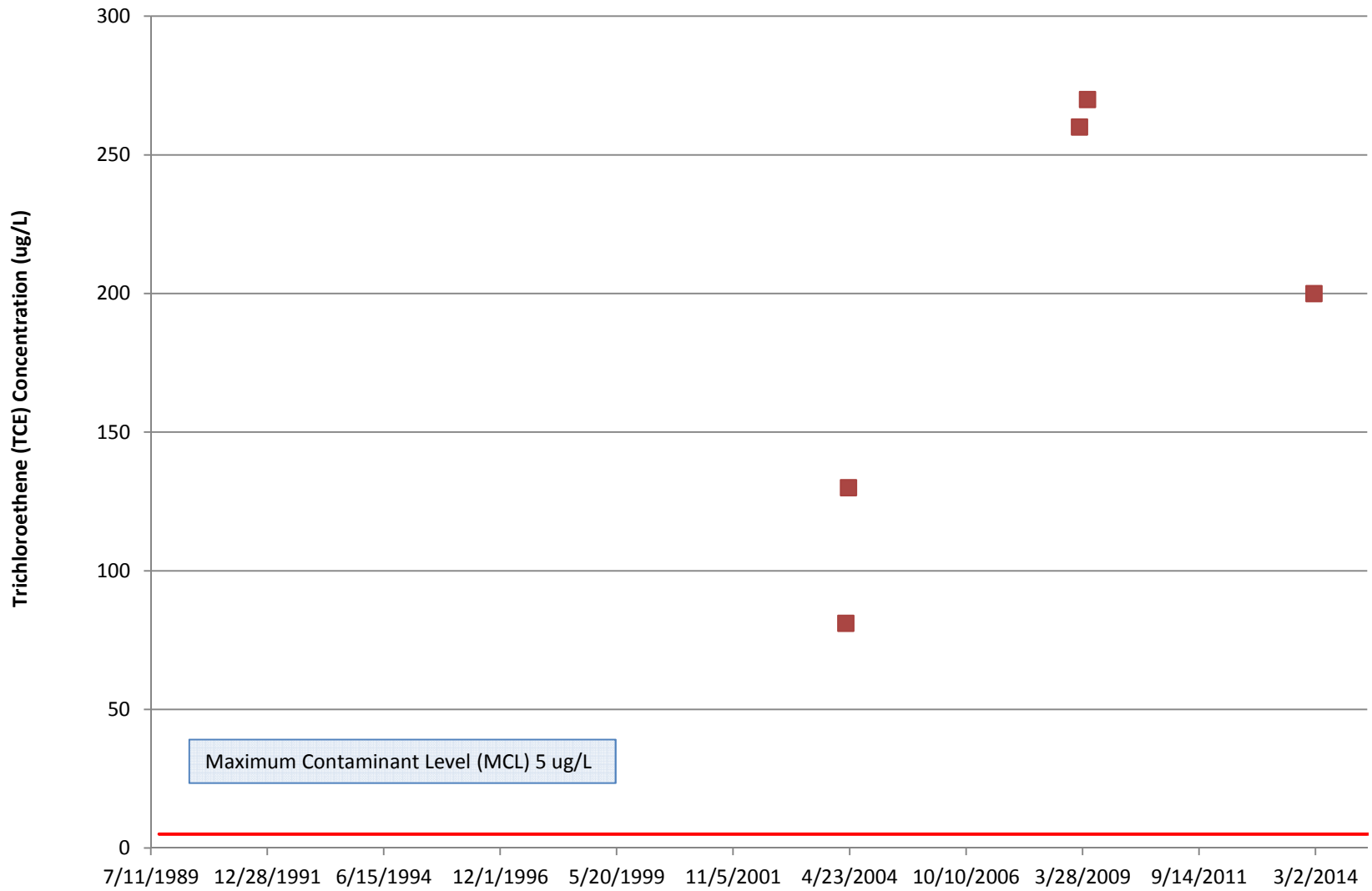


RD-98, RMHF Trichloroethene



× RD-98 Non Detects ▲ RD-98 Detects (Estimated) ■ RD-98 Detects — Linear (TCE MCL = 5 ug/L)

RD-91, Bldg 4100/4009 Trichloroethene



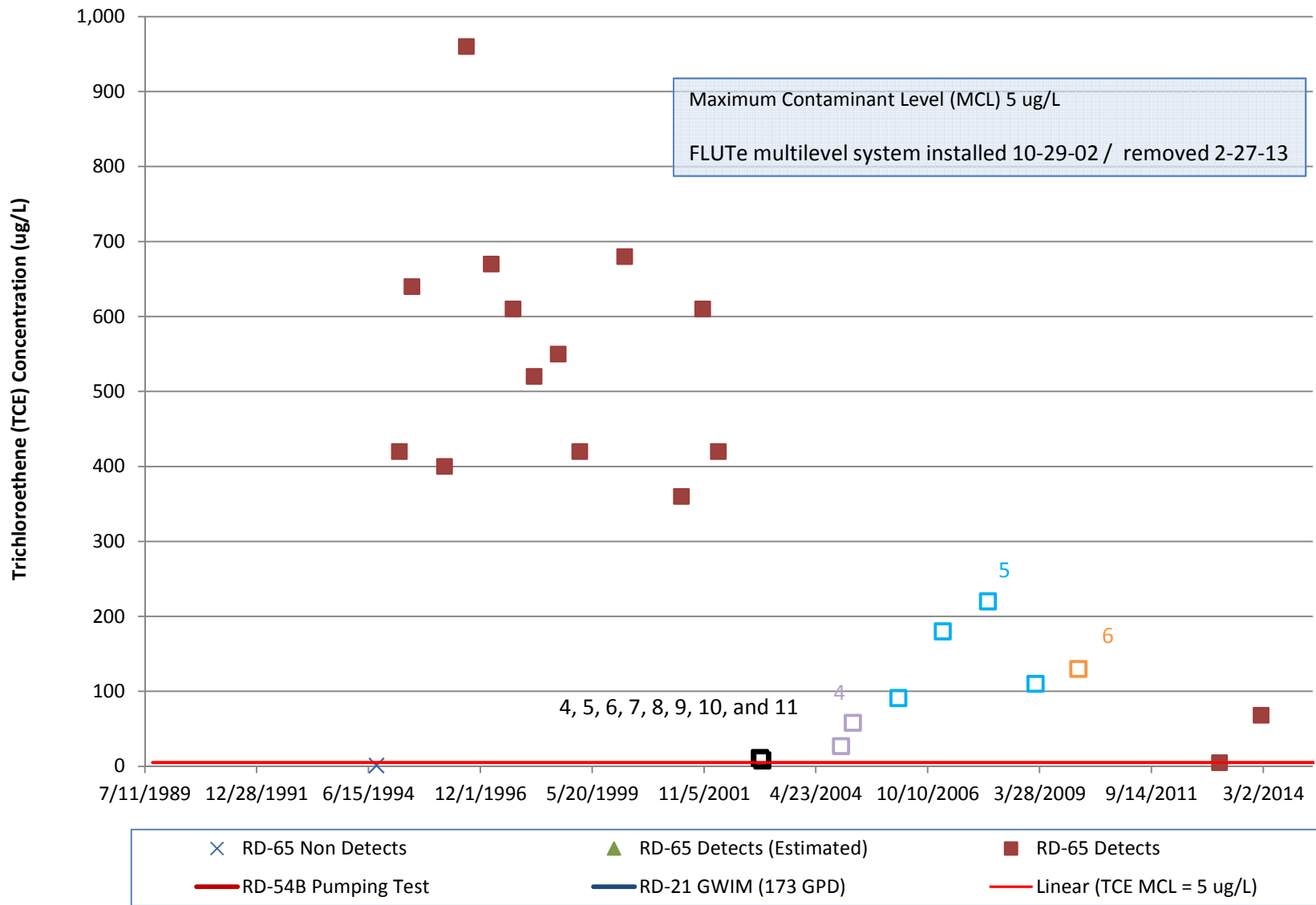
× RD-91 Non Detects

▲ RD-91 Detects (Estimated)

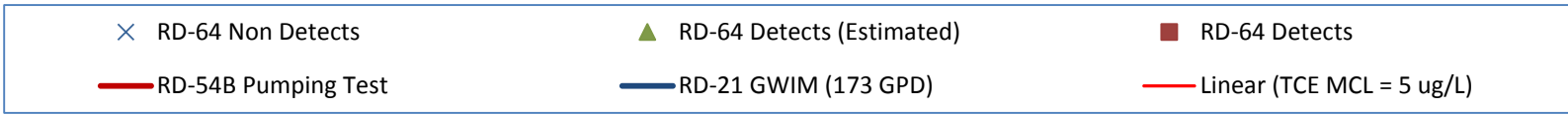
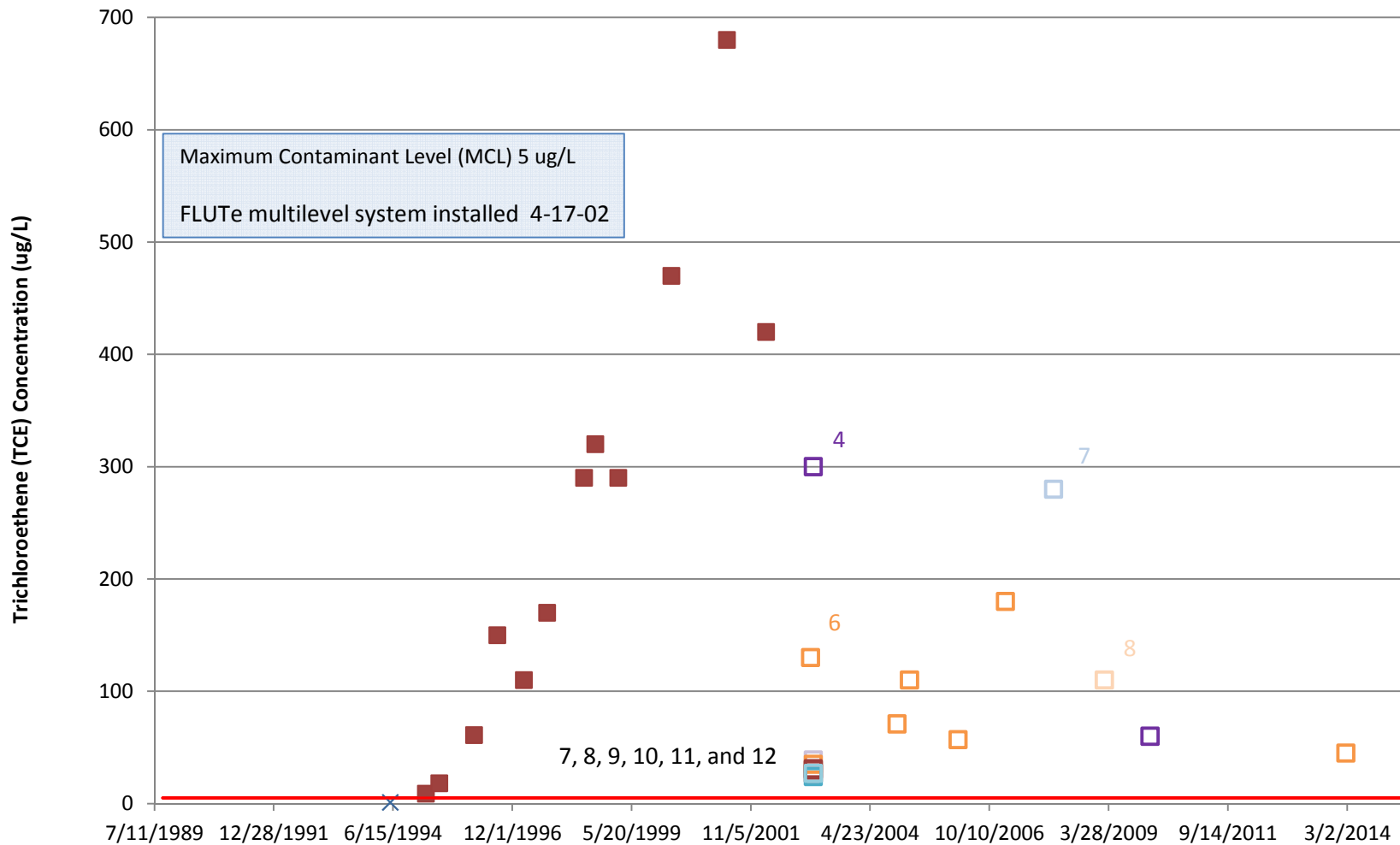
■ RD-91 Detects

— Linear (TCE MCL = 5 ug/L)

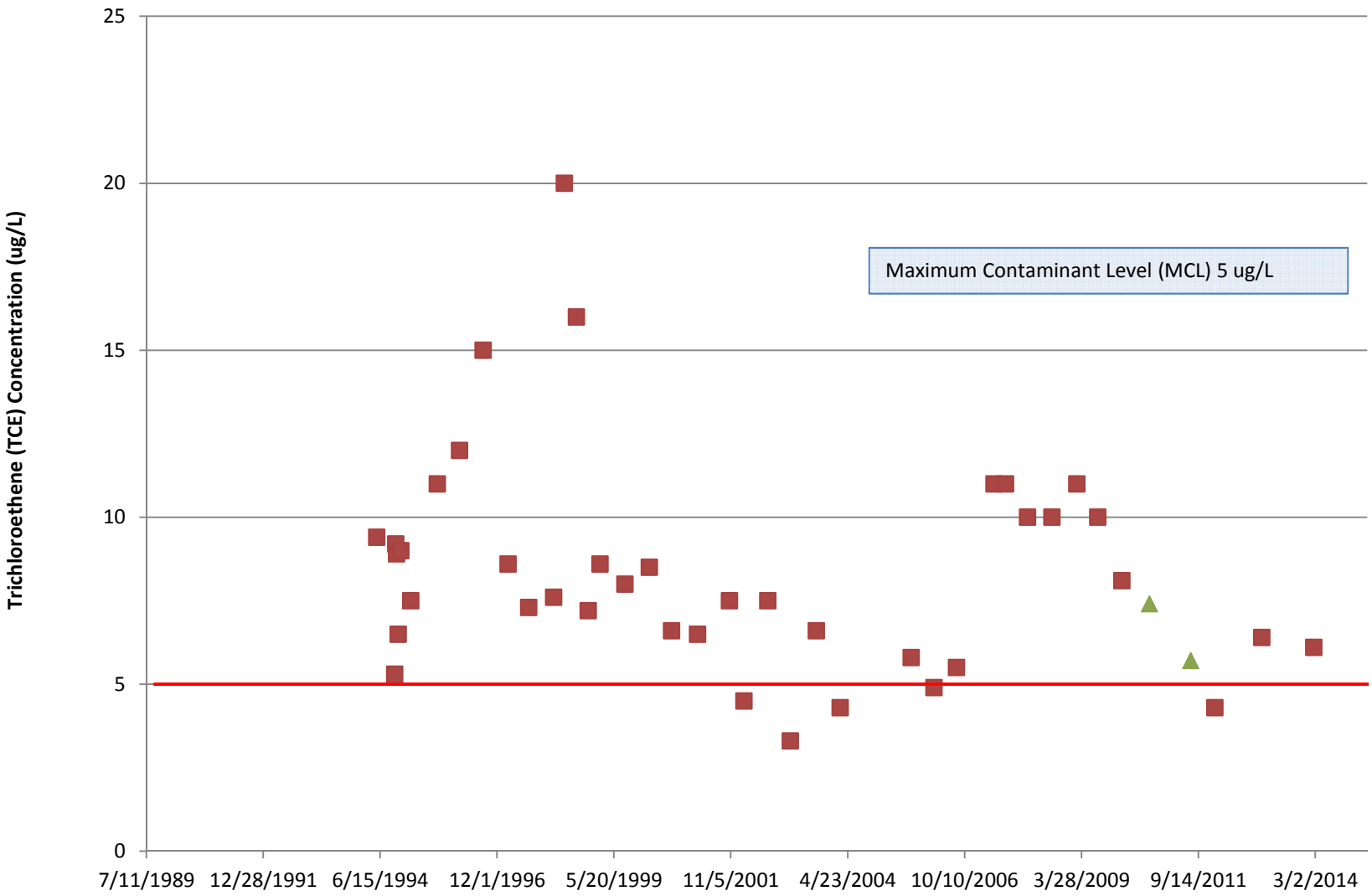
RD-65, FSDF/ESADA Trichloroethene



RD-64, FSDF/ESADA Trichloroethene

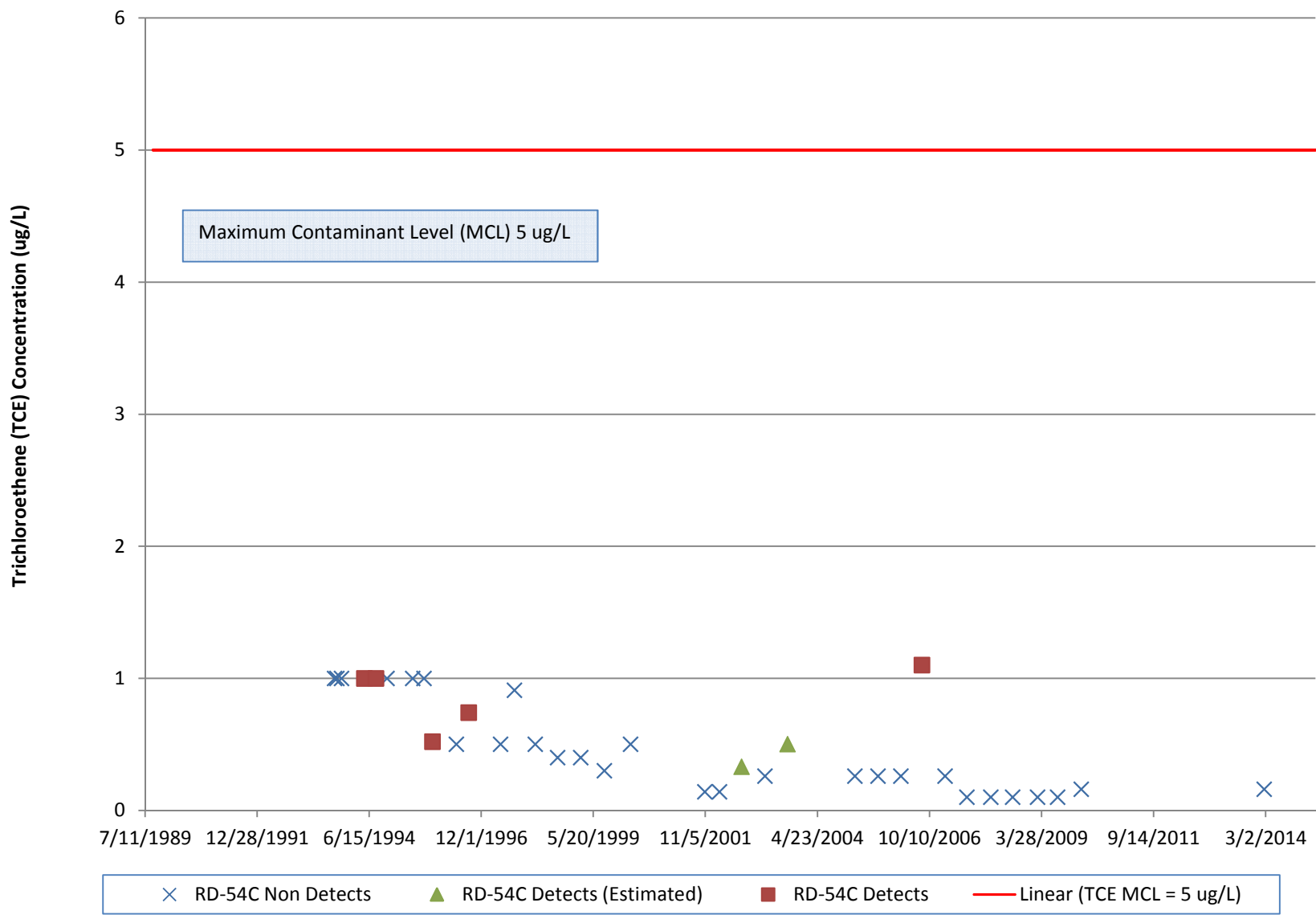


RD-63, RMHF Trichloroethene

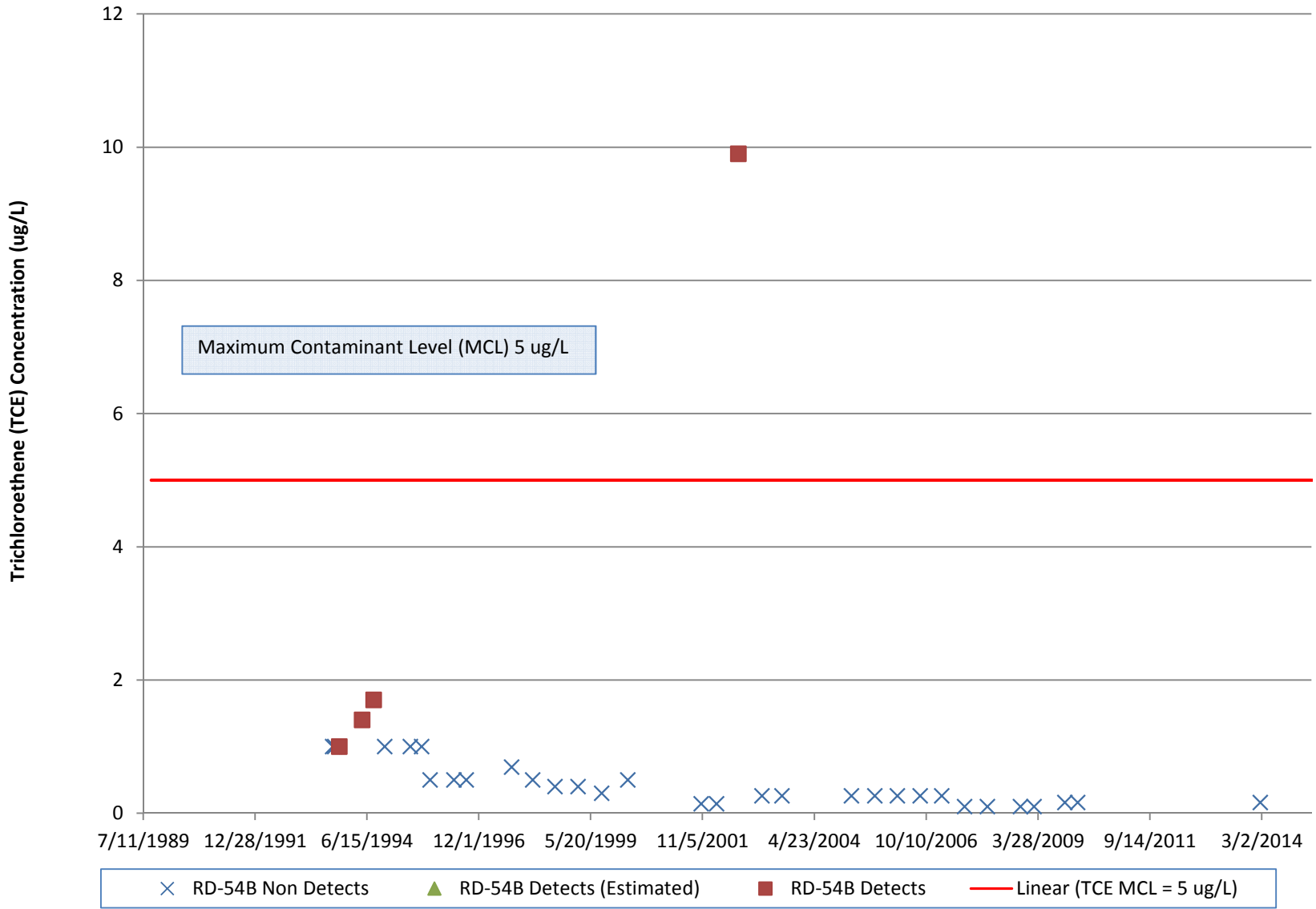


× RD-63 Non Detects ▲ RD-63 Detects (Estimated) ■ RD-63 Detects — Linear (TCE MCL = 5 ug/L)

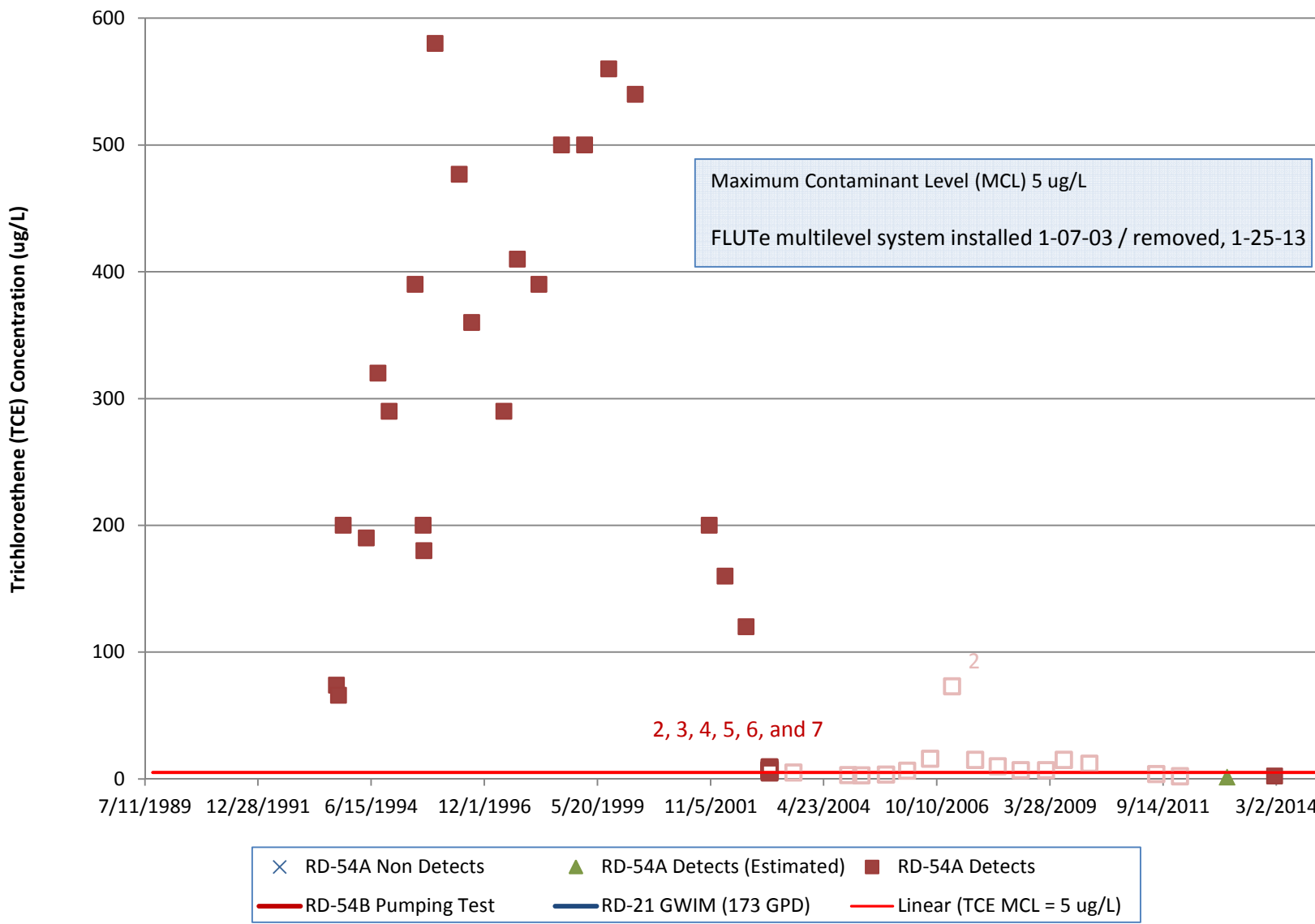
RD-54C, FSD/ESADA Trichloroethene



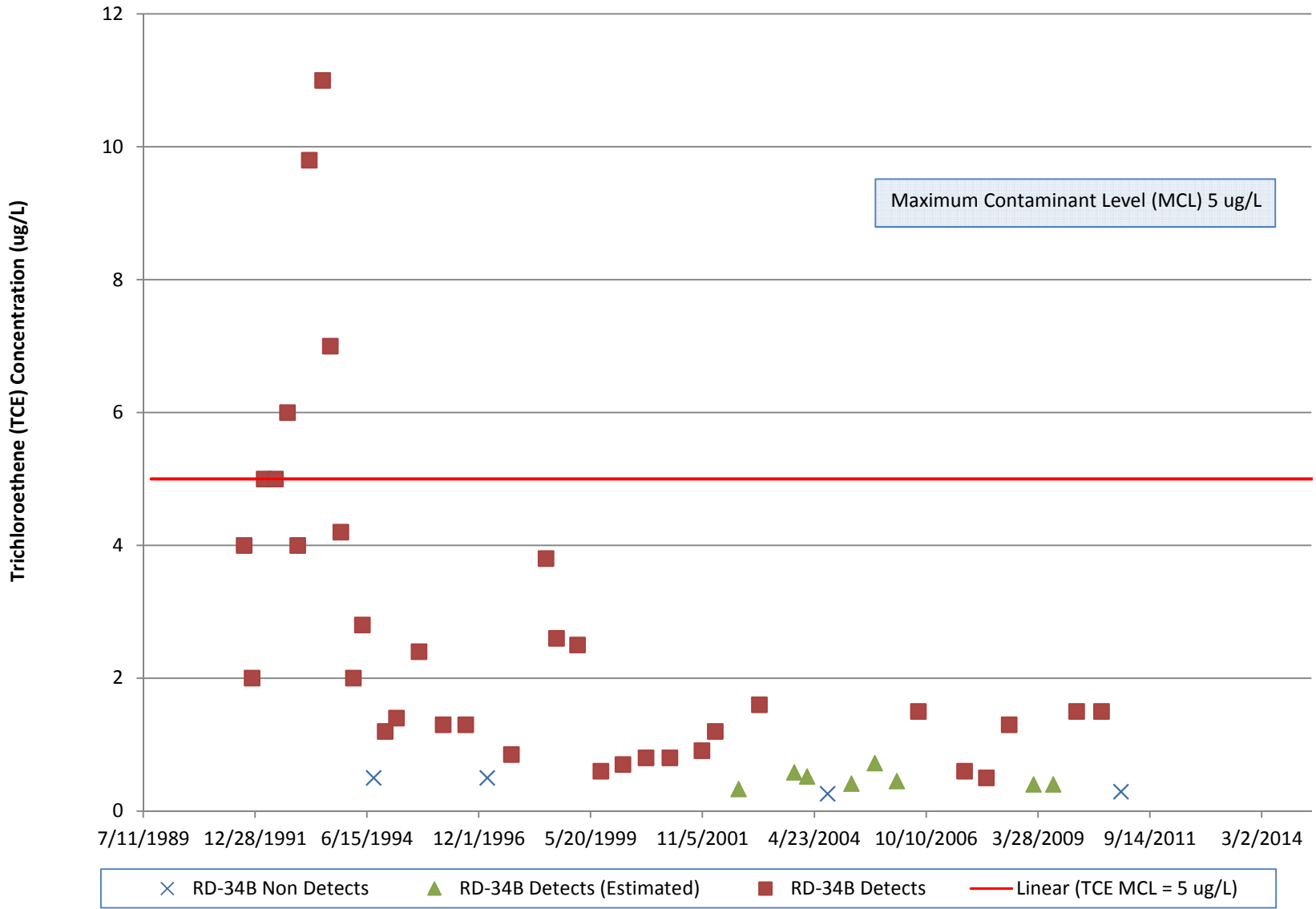
RD-54B, FSD/ESADA Trichloroethene



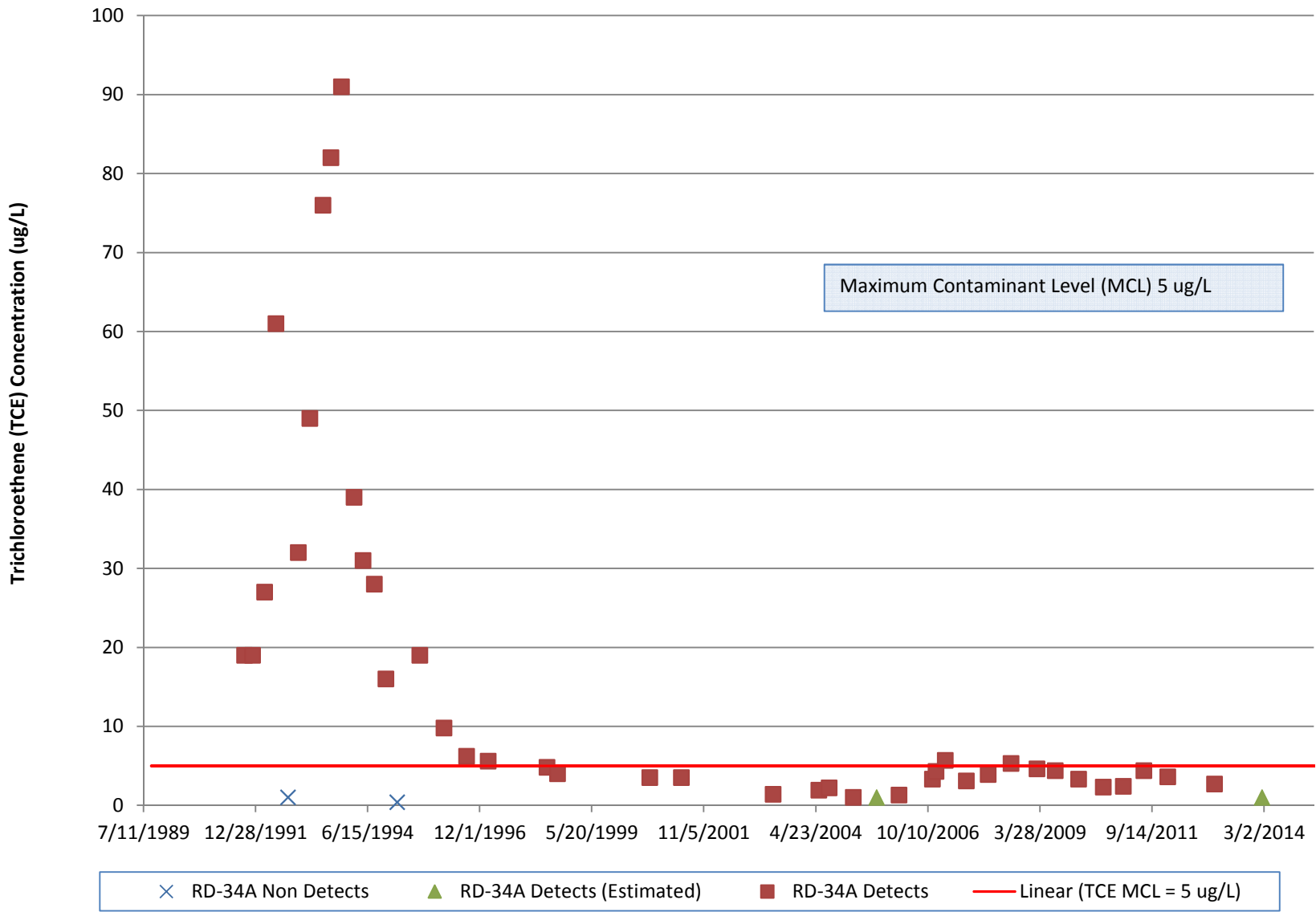
RD-54A, FSD/ESADA Trichloroethene



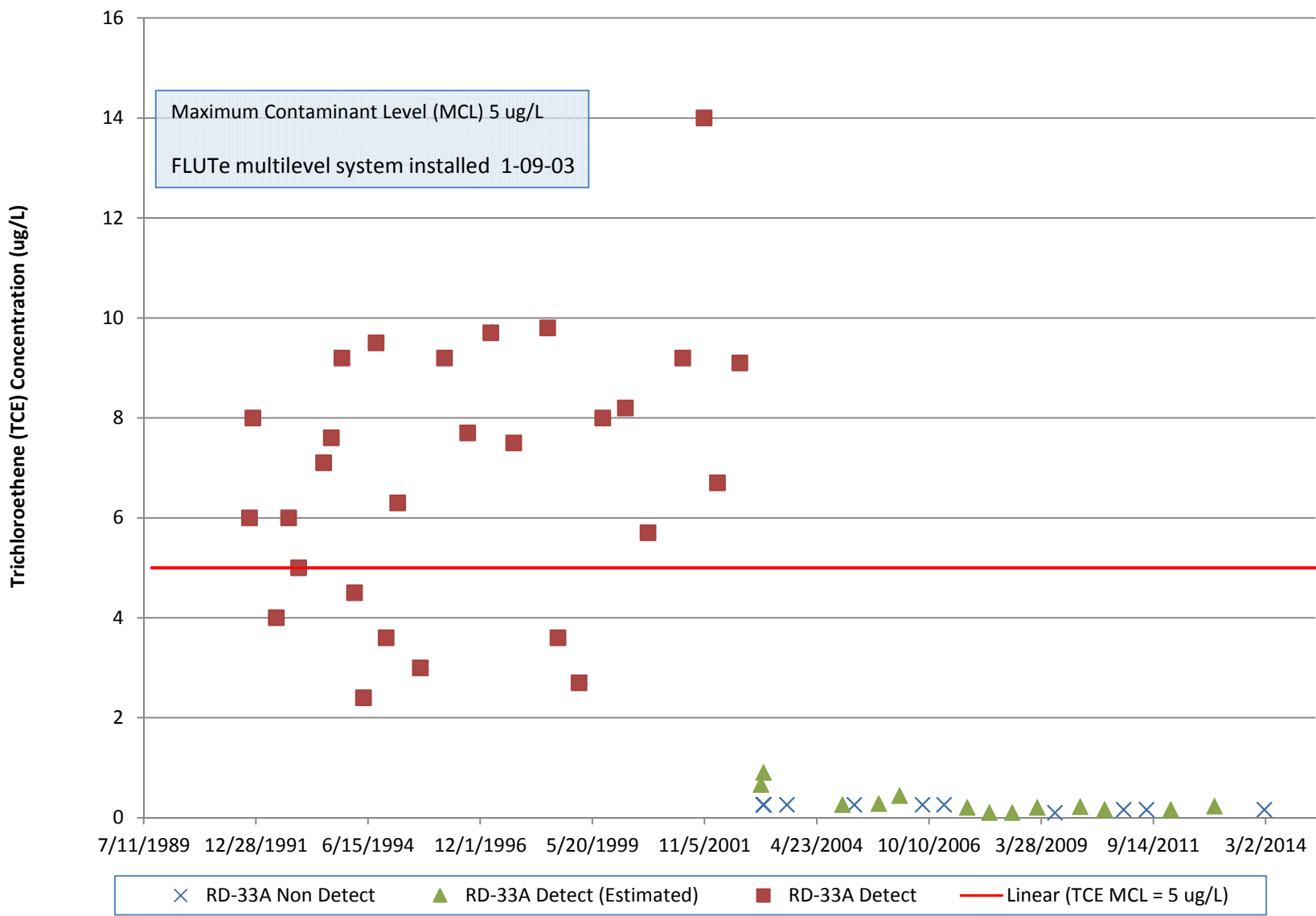
RD-34B, RMHF Trichloroethene



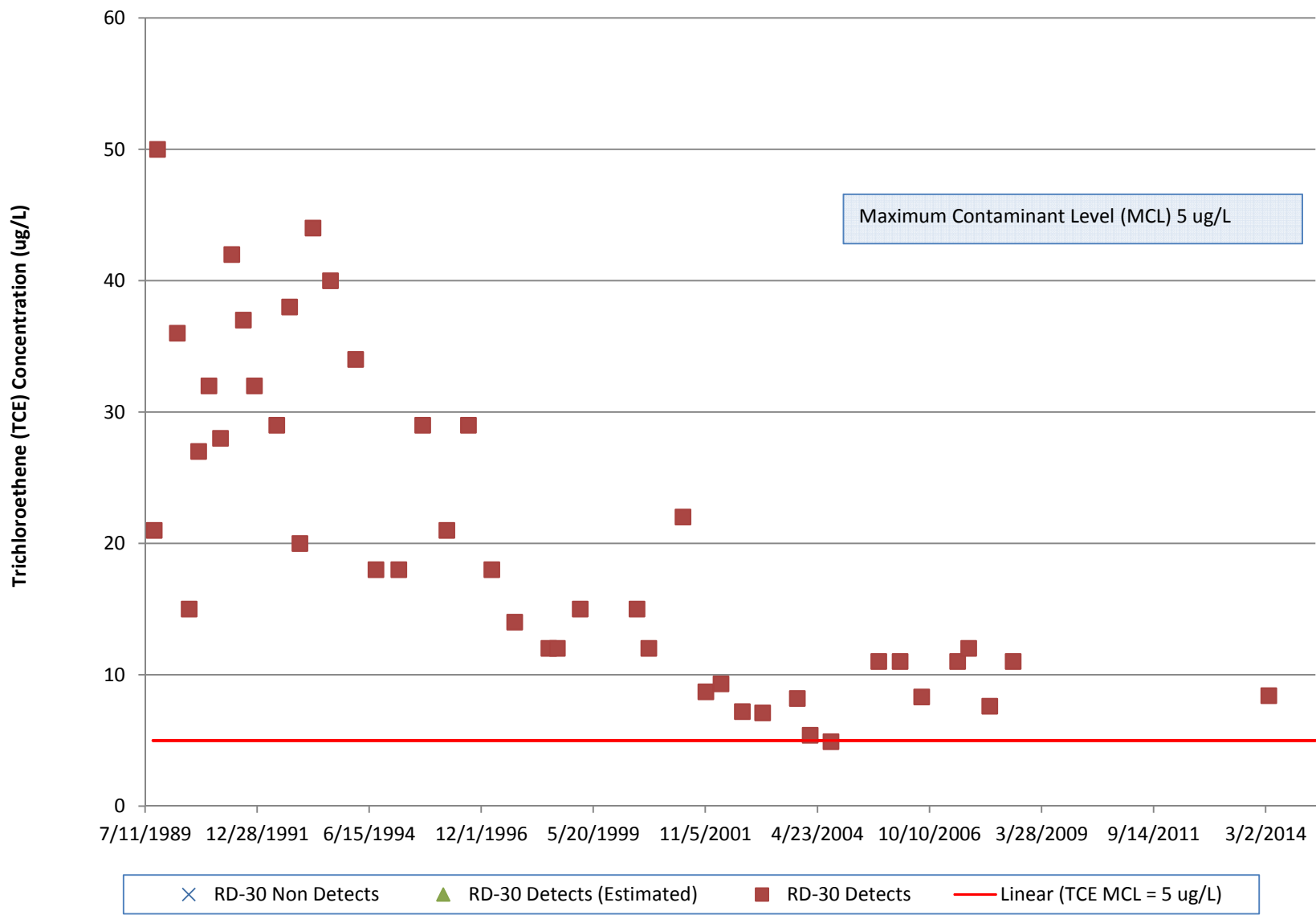
RD-34A, RMHF Trichloroethene



RD-33A, FSD/ESADA Trichloroethene



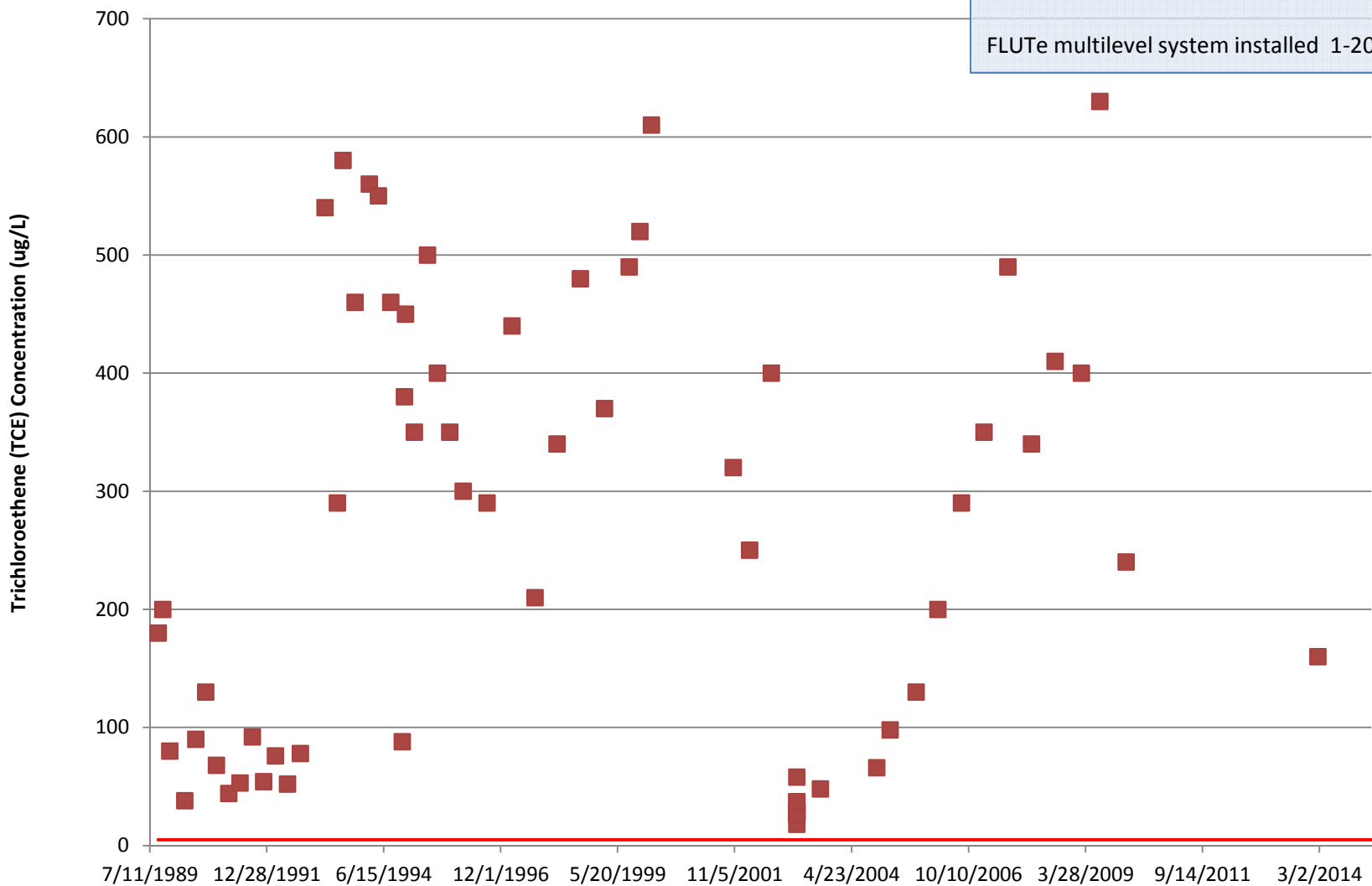
RD-30, RMHF Trichloroethene



RD-23, FSDF/ESADA Trichloroethene

Maximum Contaminant Level (MCL) 5 ug/L

FLUTe multilevel system installed 1-20-03



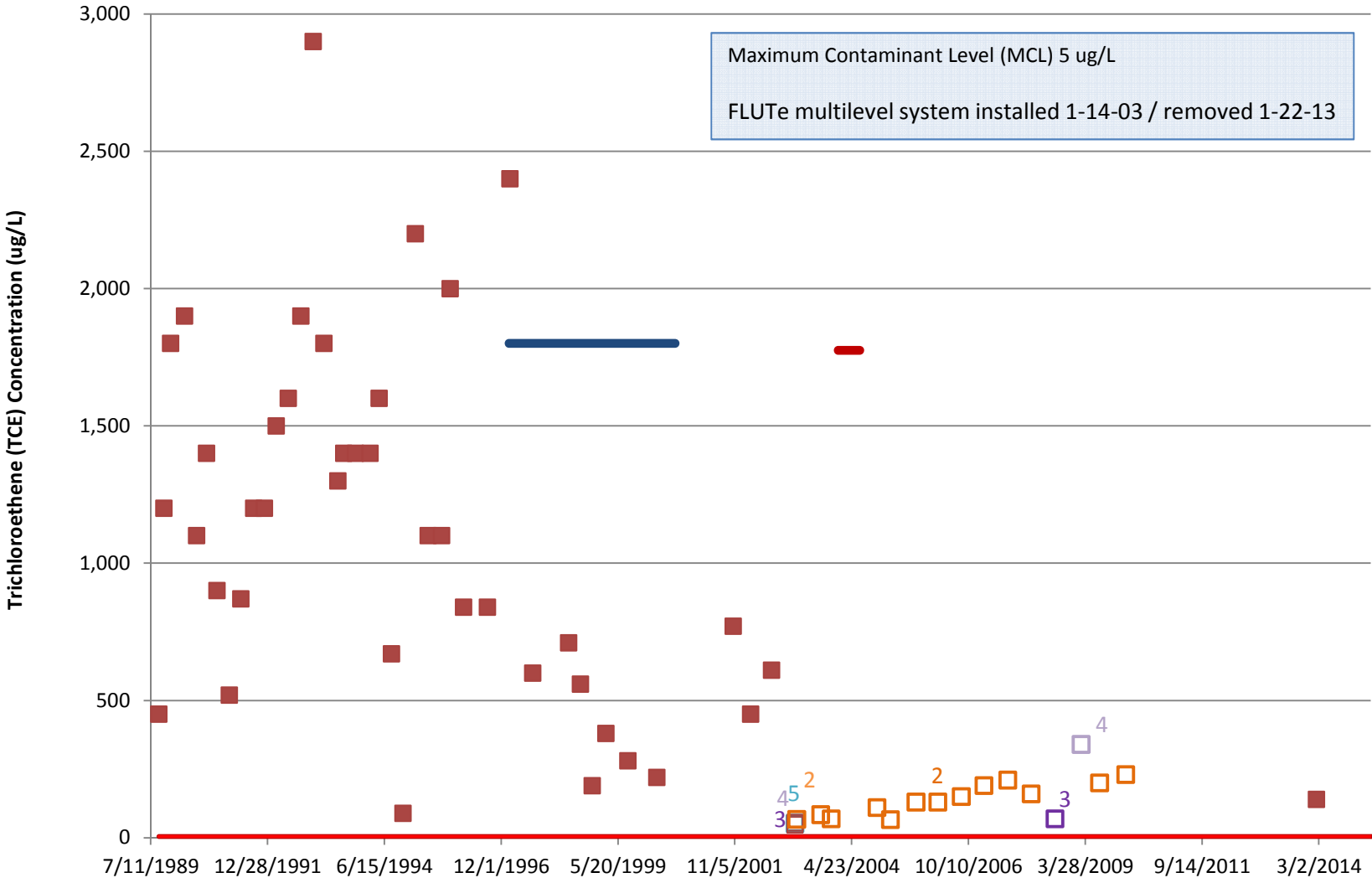
× RD-23 Non Detects

▲ RD-23 Detects (Estimated)

■ RD-23 Detects

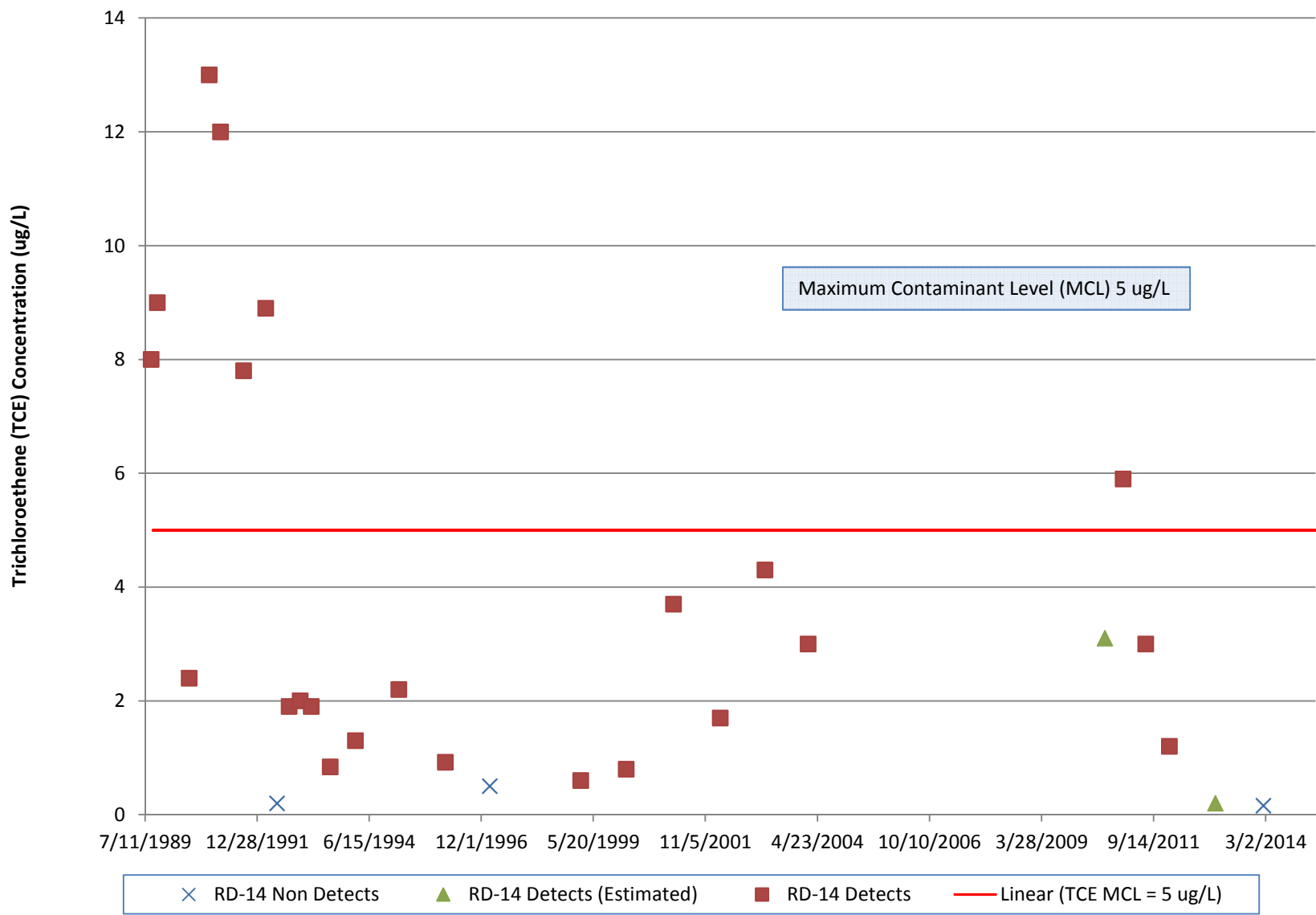
— Linear (TCE MCL = 5 ug/L)

RD-21, FSDF/ESADA Trichloroethene

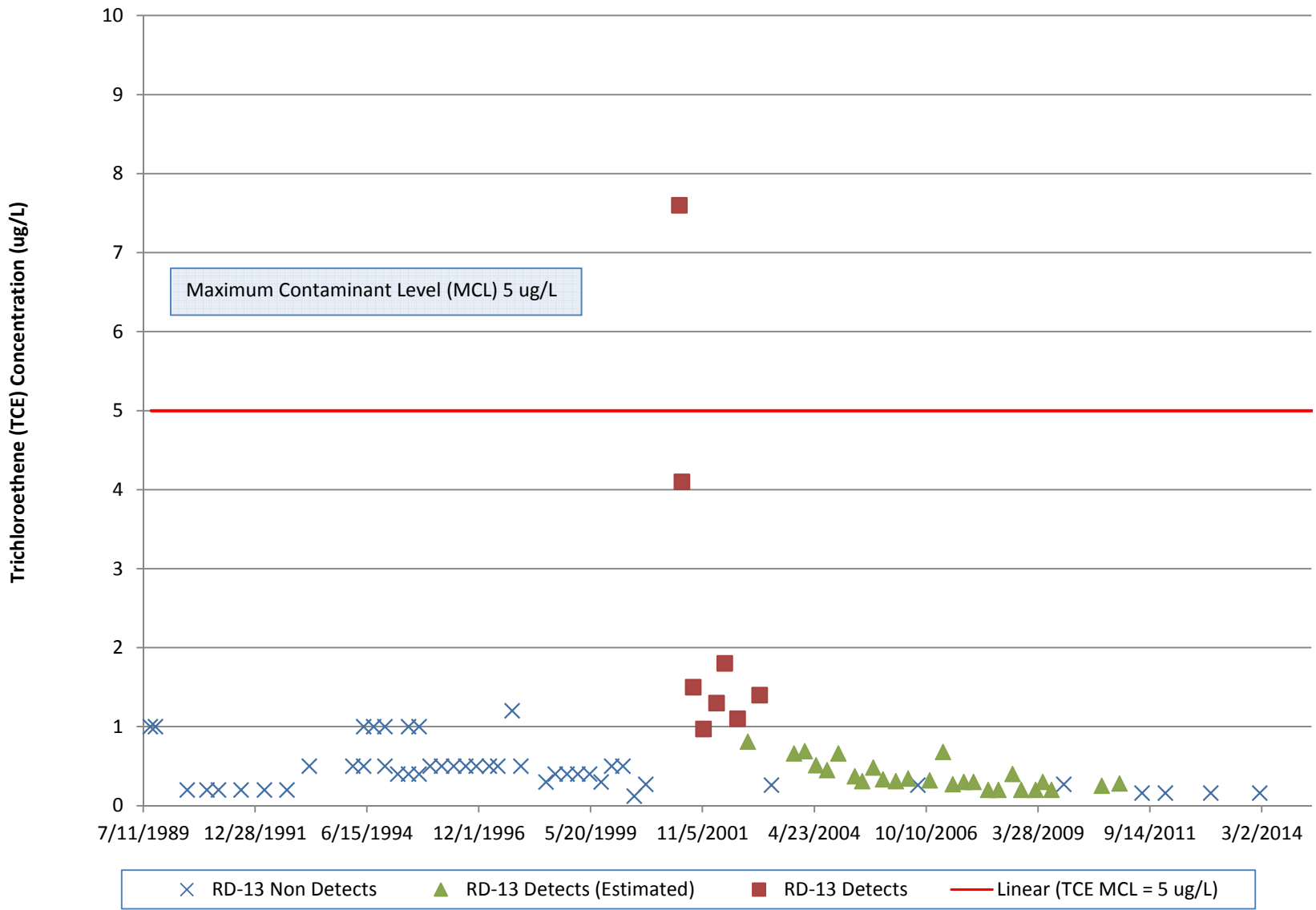


■ RD-21 Detects — RD-54B Pumping Test — RD-21 GWIM (173 GPD) — Linear (TCE MCL = 5 ug/L)

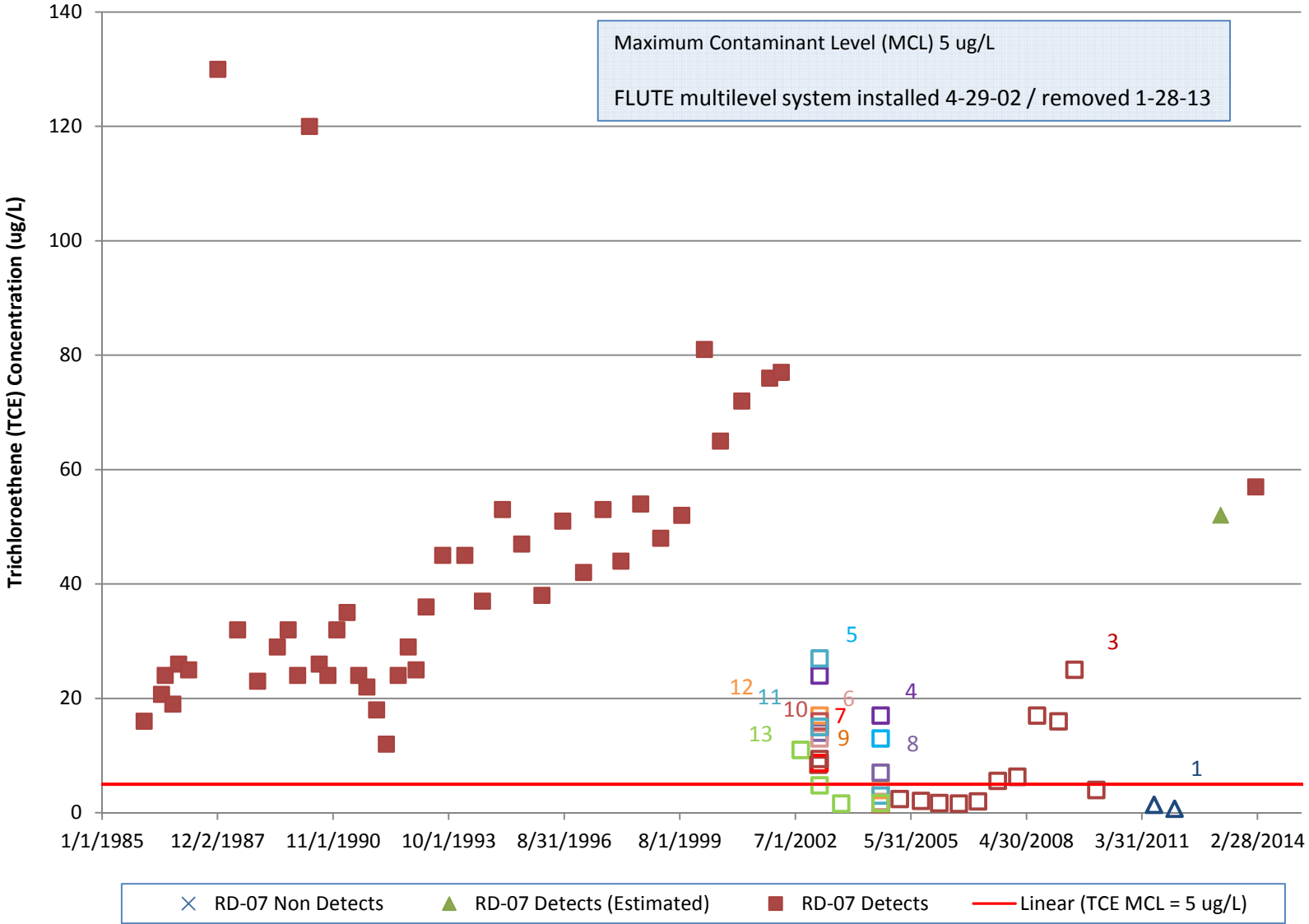
RD-14, OCY Trichloroethene



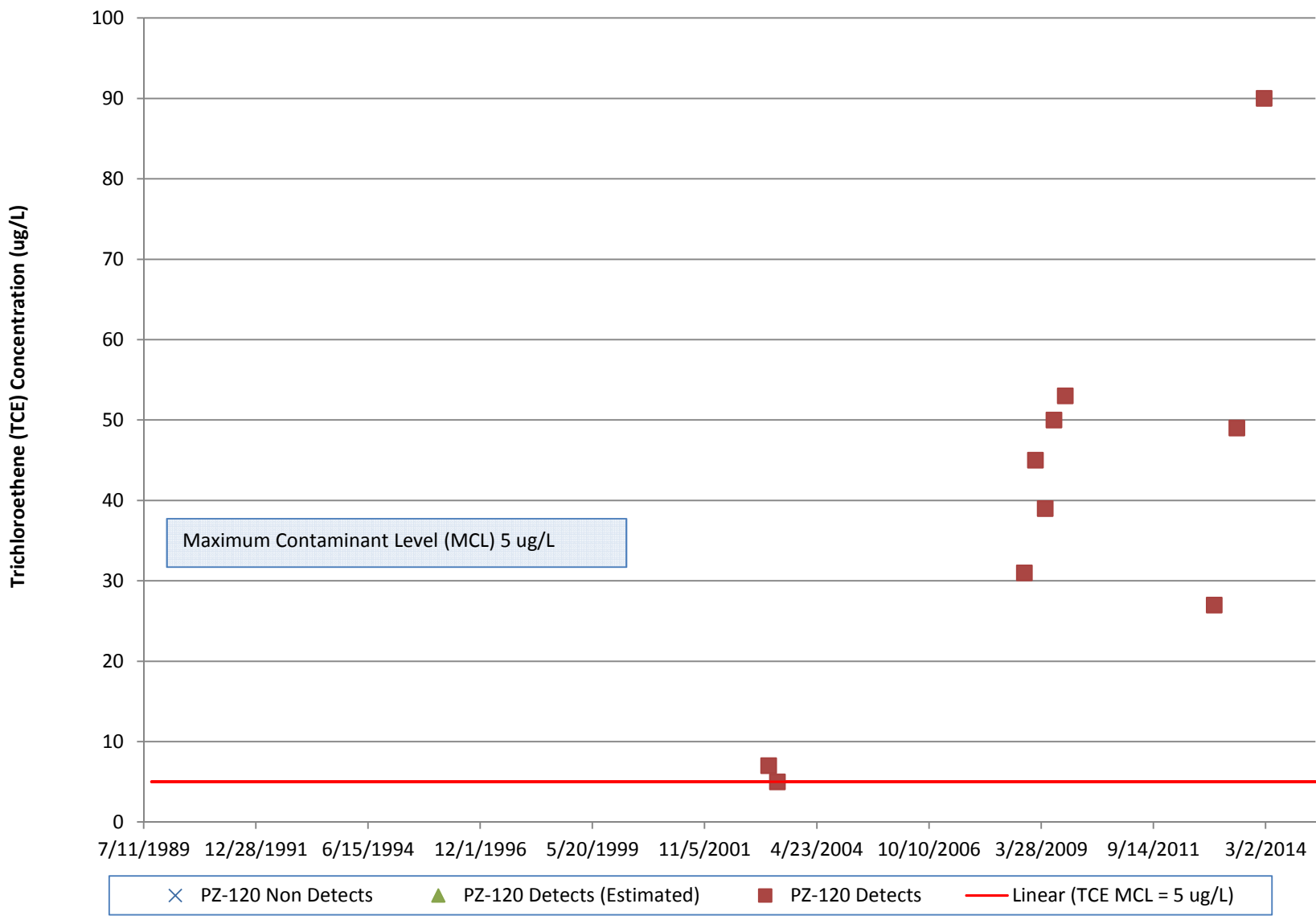
RD-13, Pond Dredge Area Trichloroethene



RD-07, Bldg 56 Landfill Trichloroethene

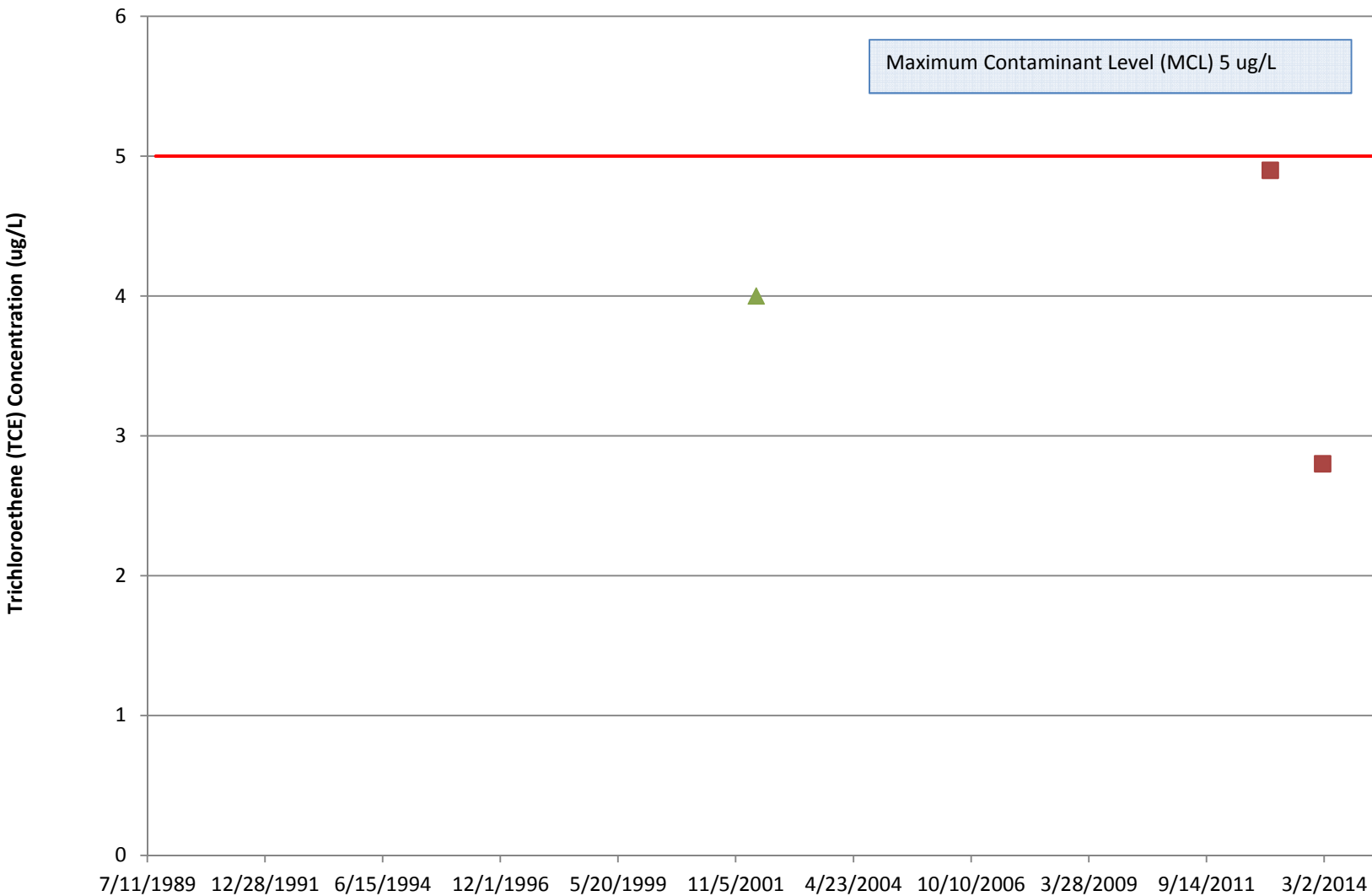


PZ-120, HMSA/PDU Trichloroethene



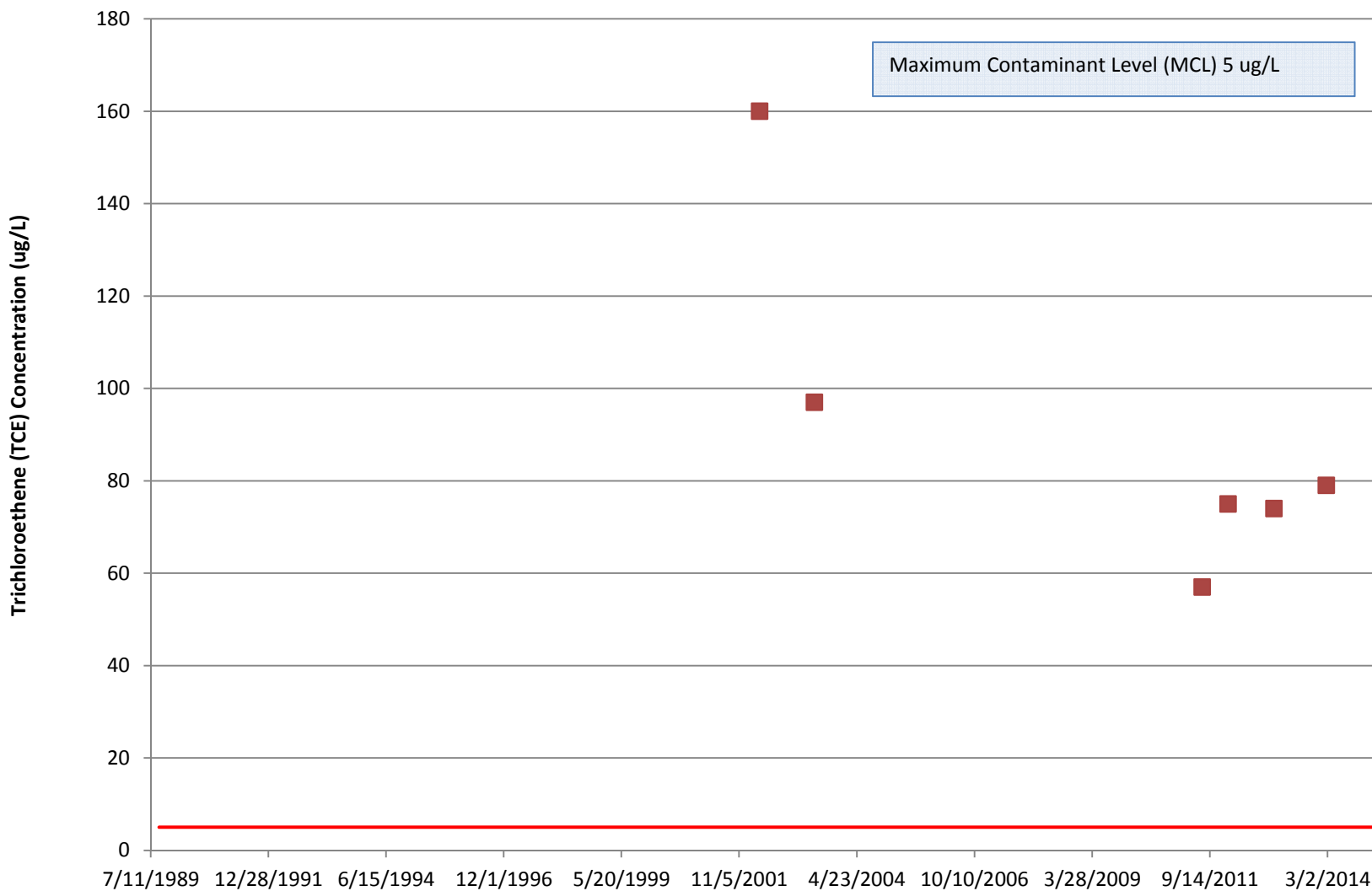
PZ-109, B4057/59/629

Trichloroethene



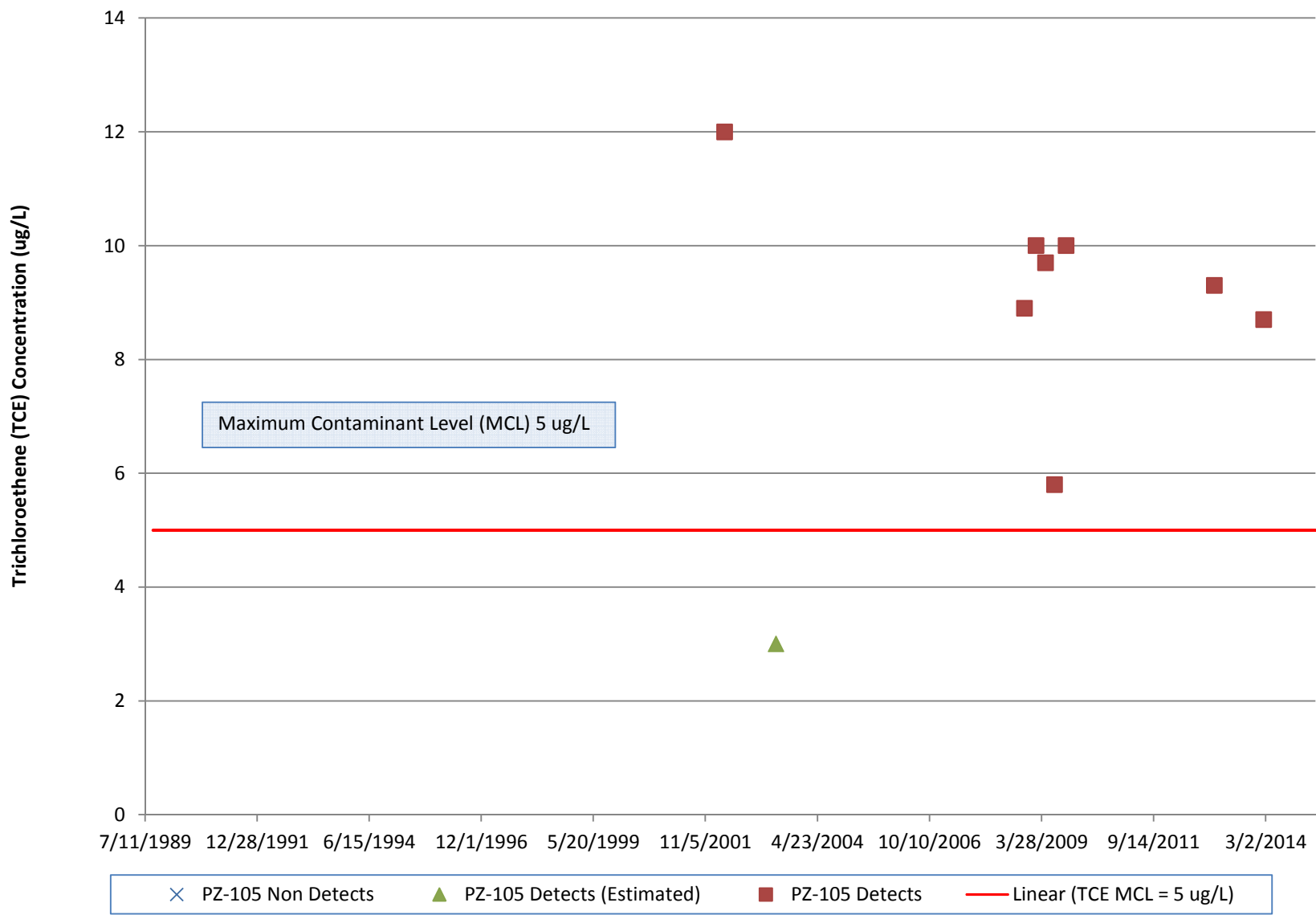
× PZ-109 Non Detects ▲ PZ-109 Detects (Estimated) ■ PZ-109 Detects — Linear (TCE MCL = 5 ug/L)

PZ-108, HMSA/PDU Trichloroethene

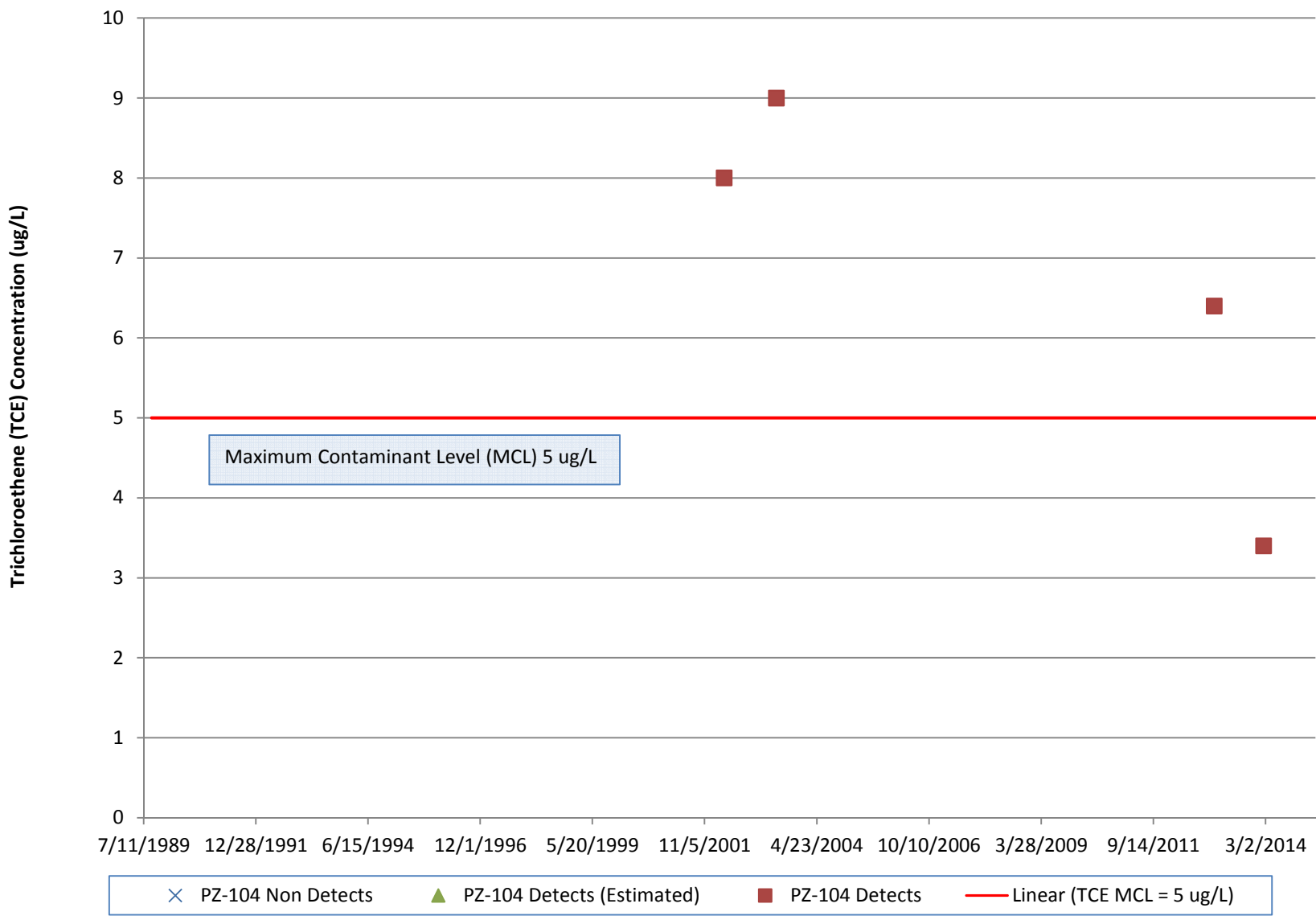


× PZ-108 Non Detects ▲ PZ-108 Detects (Estimated) ■ PZ-108 Detects — Linear (TCE MCL = 5 ug/L)

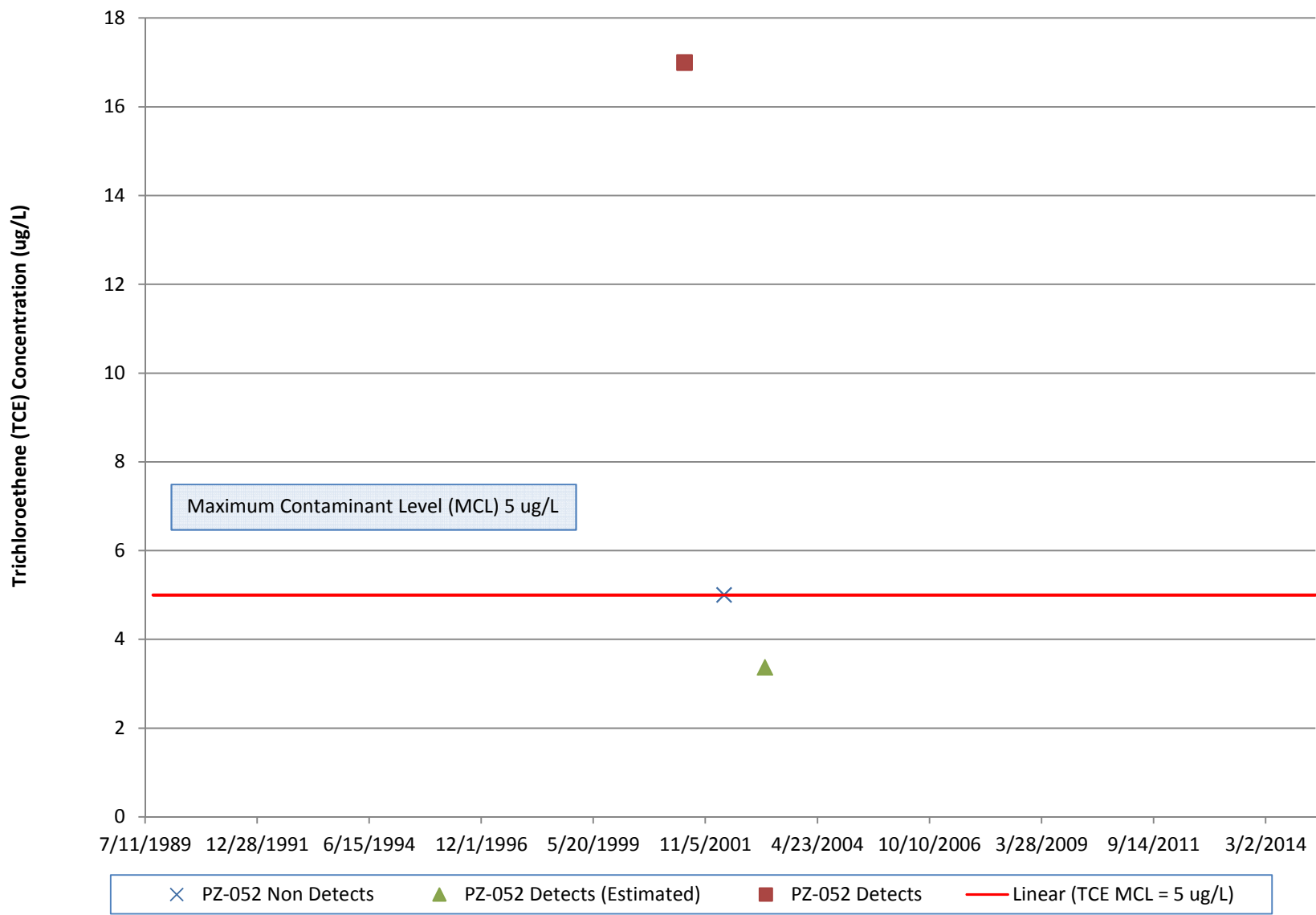
PZ-105, Bldg 65 Metals Clarifier Trichloroethene



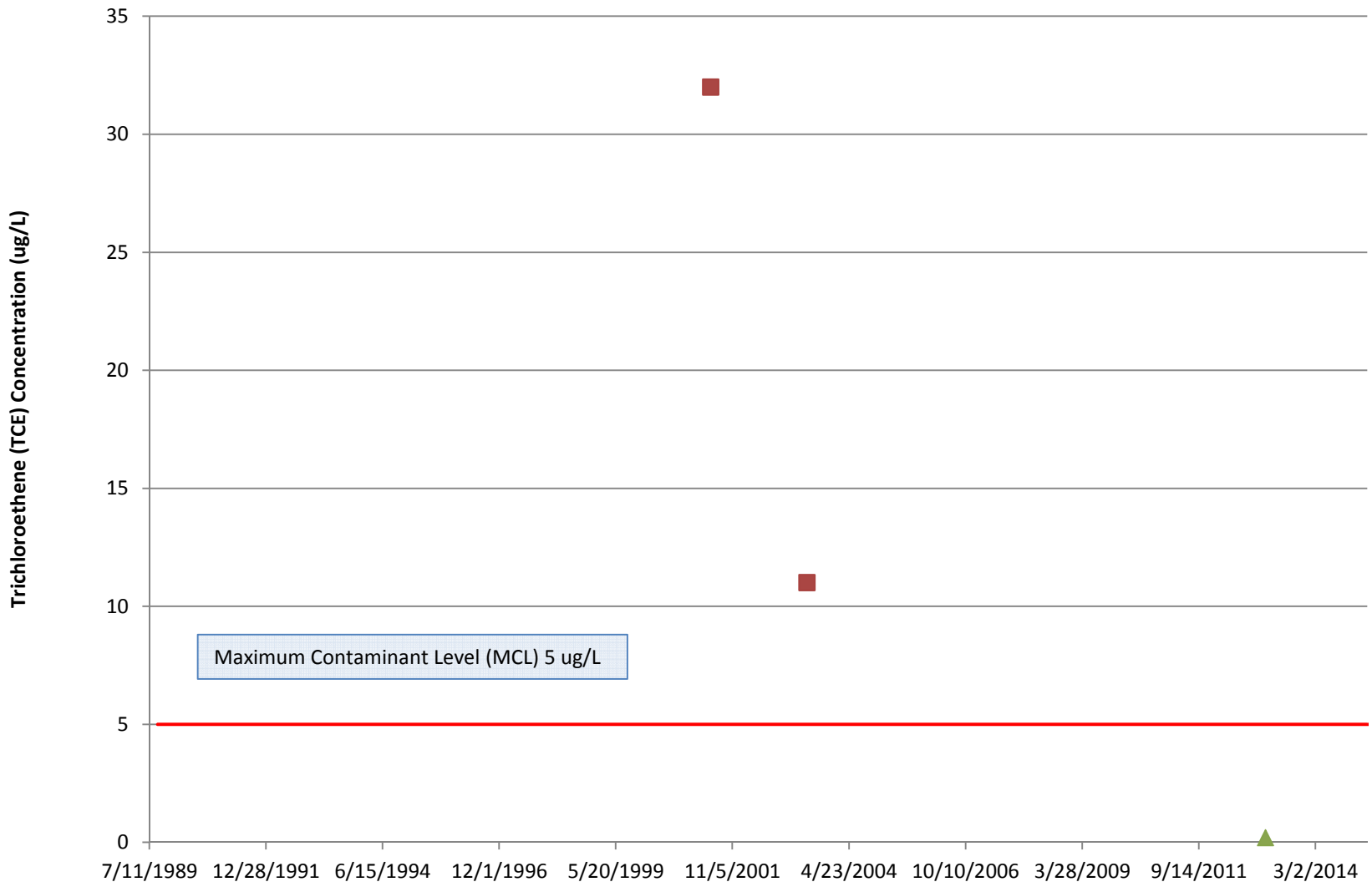
PZ-104, Bldg 65 Metals Clarifier Trichloroethene



PZ-052, Southeast Drum Storage Trichloroethene

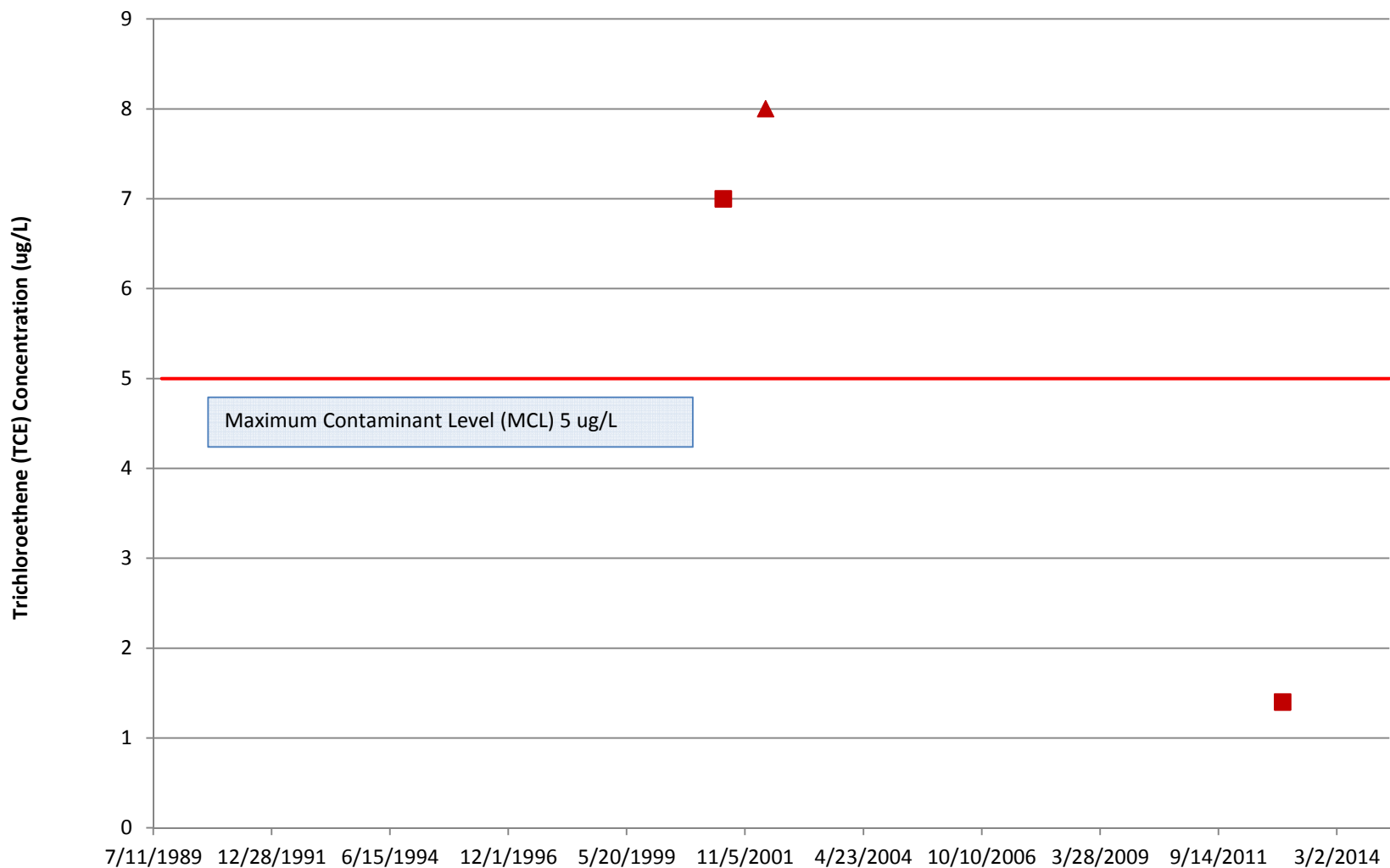


PZ-051, Southeast Drum Storage Trichloroethene



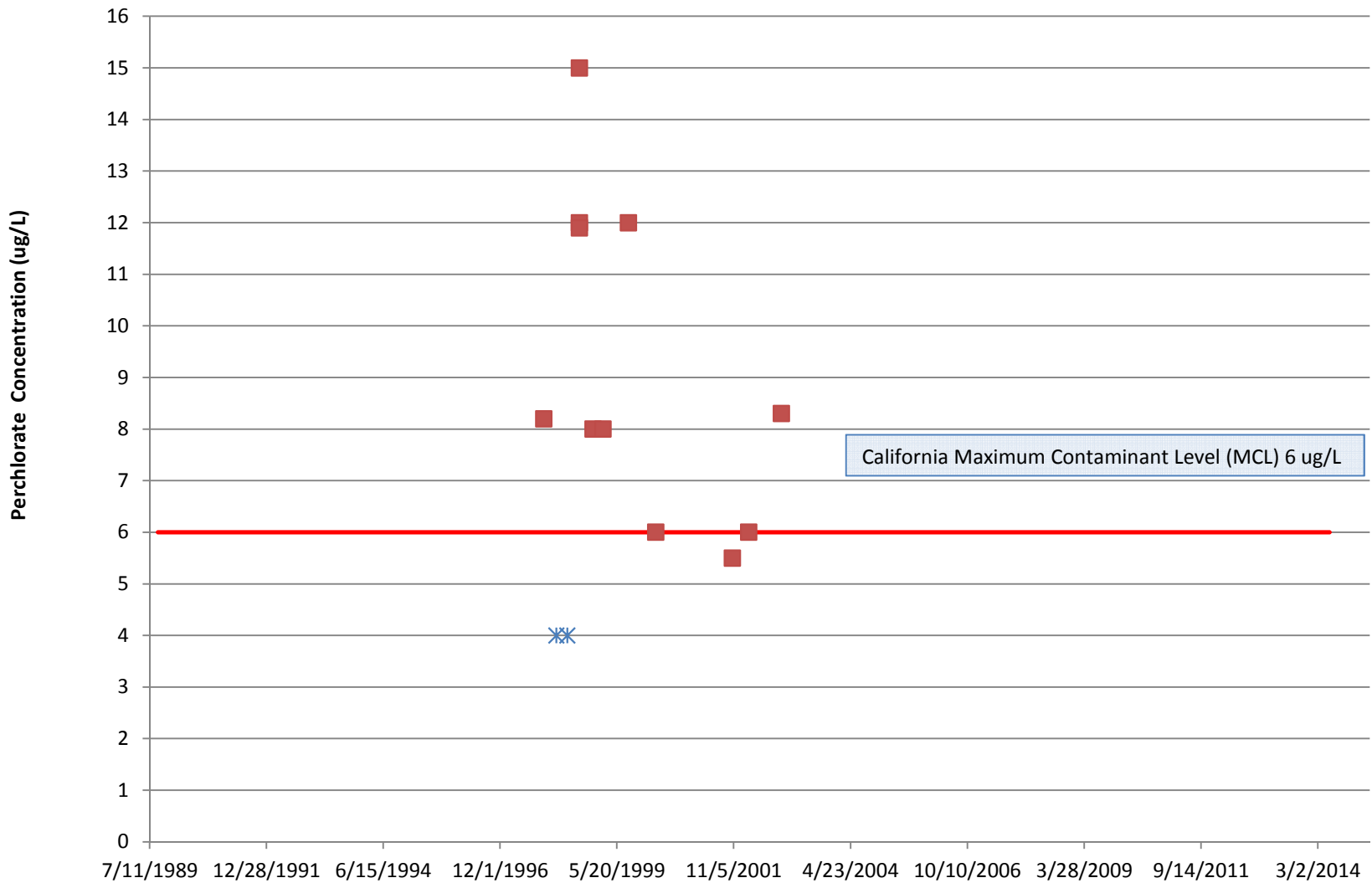
× PZ-051 Non Detects ▲ PZ-051 Detects (Estimated) ■ PZ-051 Detects — Linear (TCE MCL = 5 ug/L)

PZ-005, Bldg 65 Metals Clarifier Trichloroethene



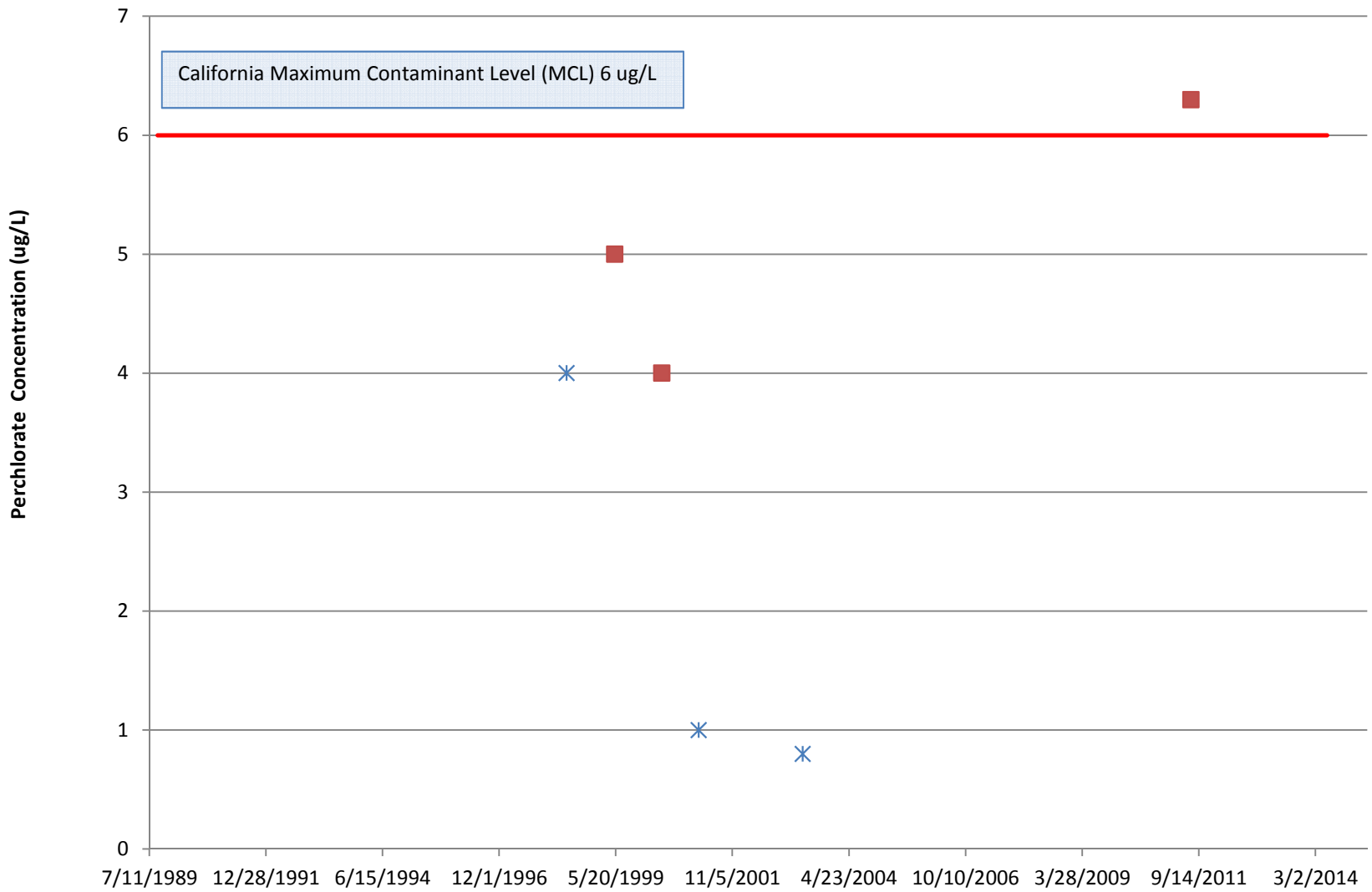
× PZ-005 Non Detects ▲ PZ-005 Detects (Estimated) ■ PZ-005 Detects — Linear (TCE MCL = 5 ug/L)

RS-54, FSD/ESADA Perchlorate



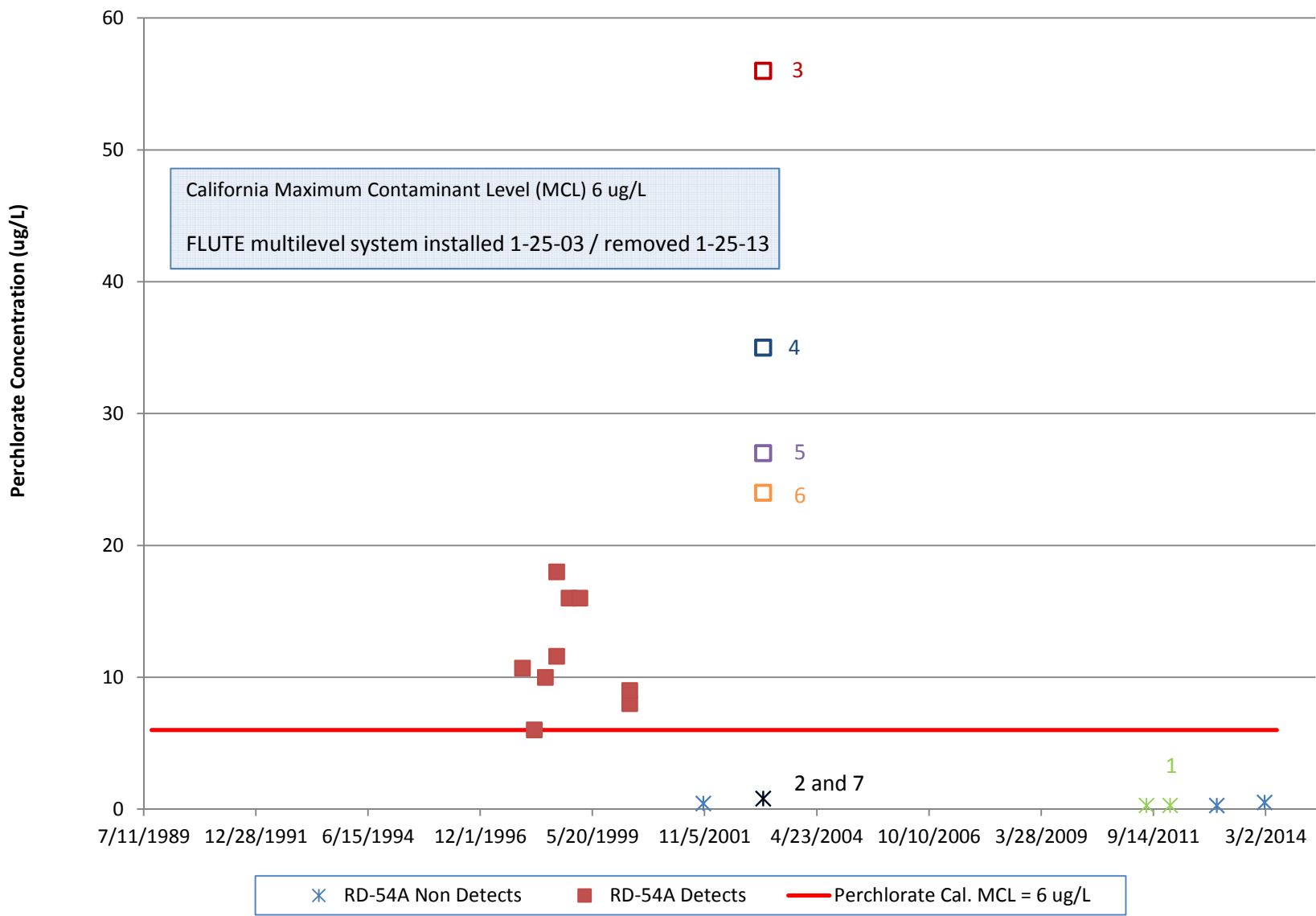
⌘ RS-54 Non Detects ■ RS-54 Detects — Perchlorate Cal. MCL = 6 ug/L

RS-18, FSD/ESADA Perchlorate

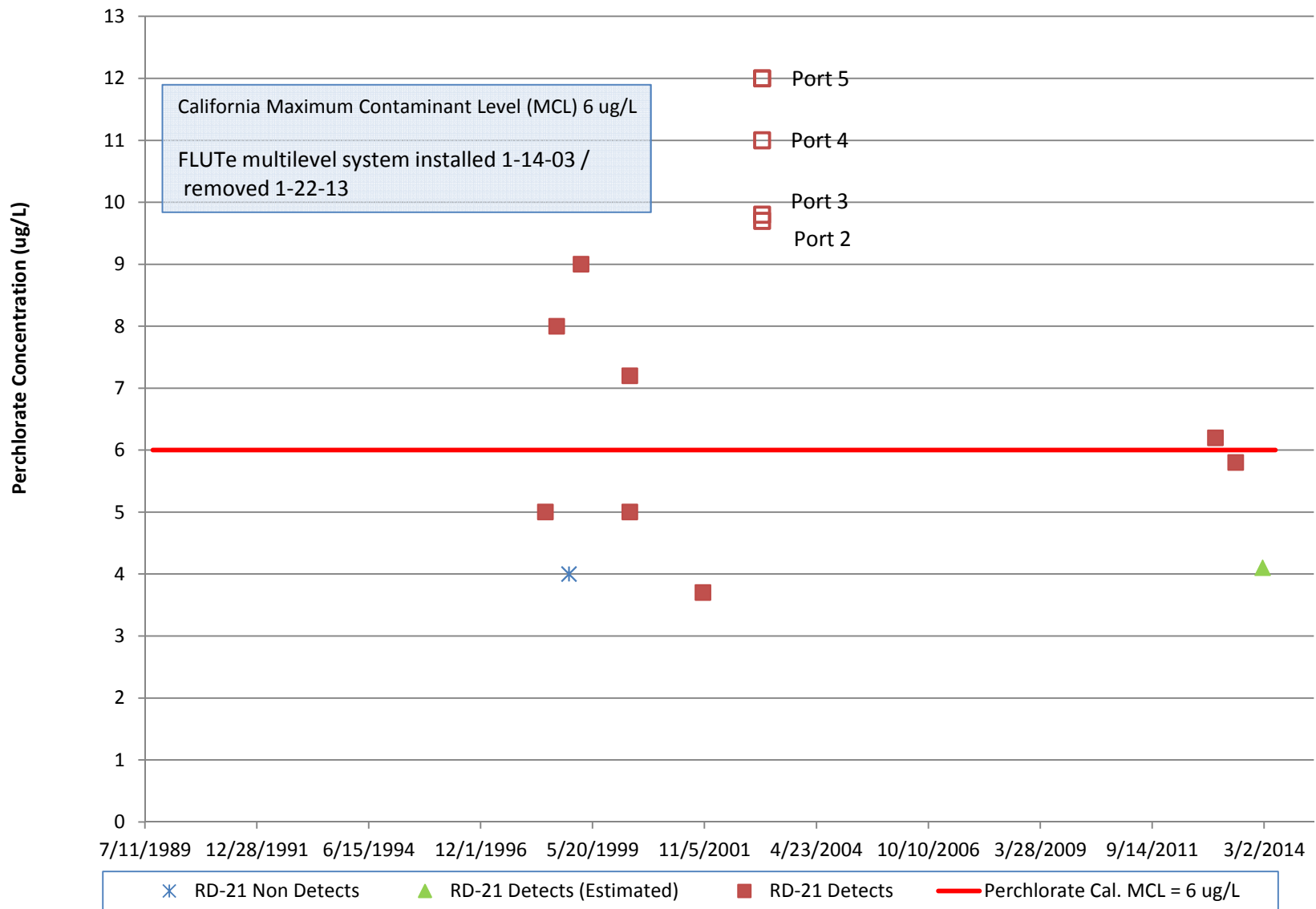


* RS-18 Non Detects ■ RS-18 Detects — Perchlorate Cal. MCL = 6 ug/L

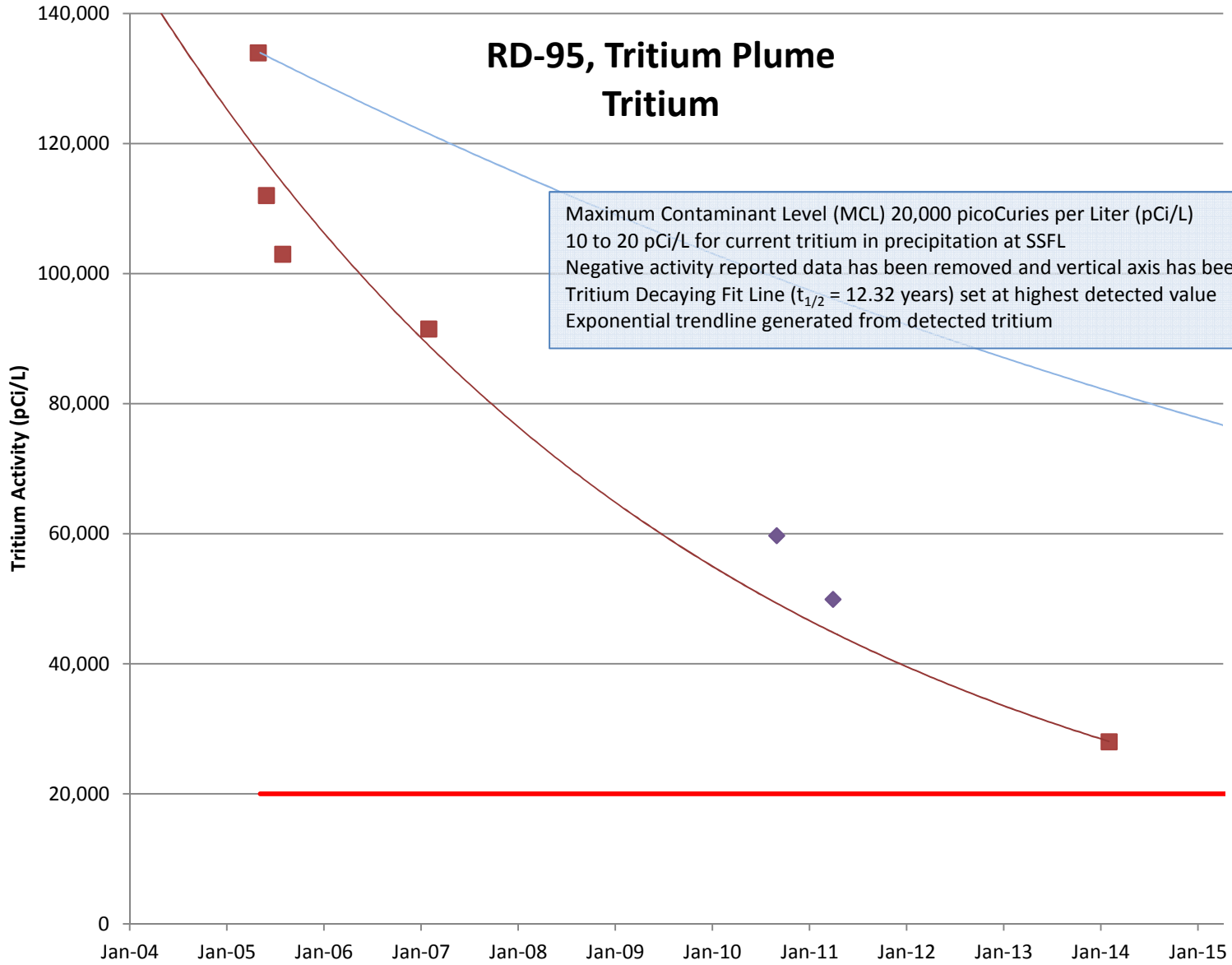
RD-54A, FSDF/ESADA Perchlorate



RD-21, FSDF/ESADA Perchlorate

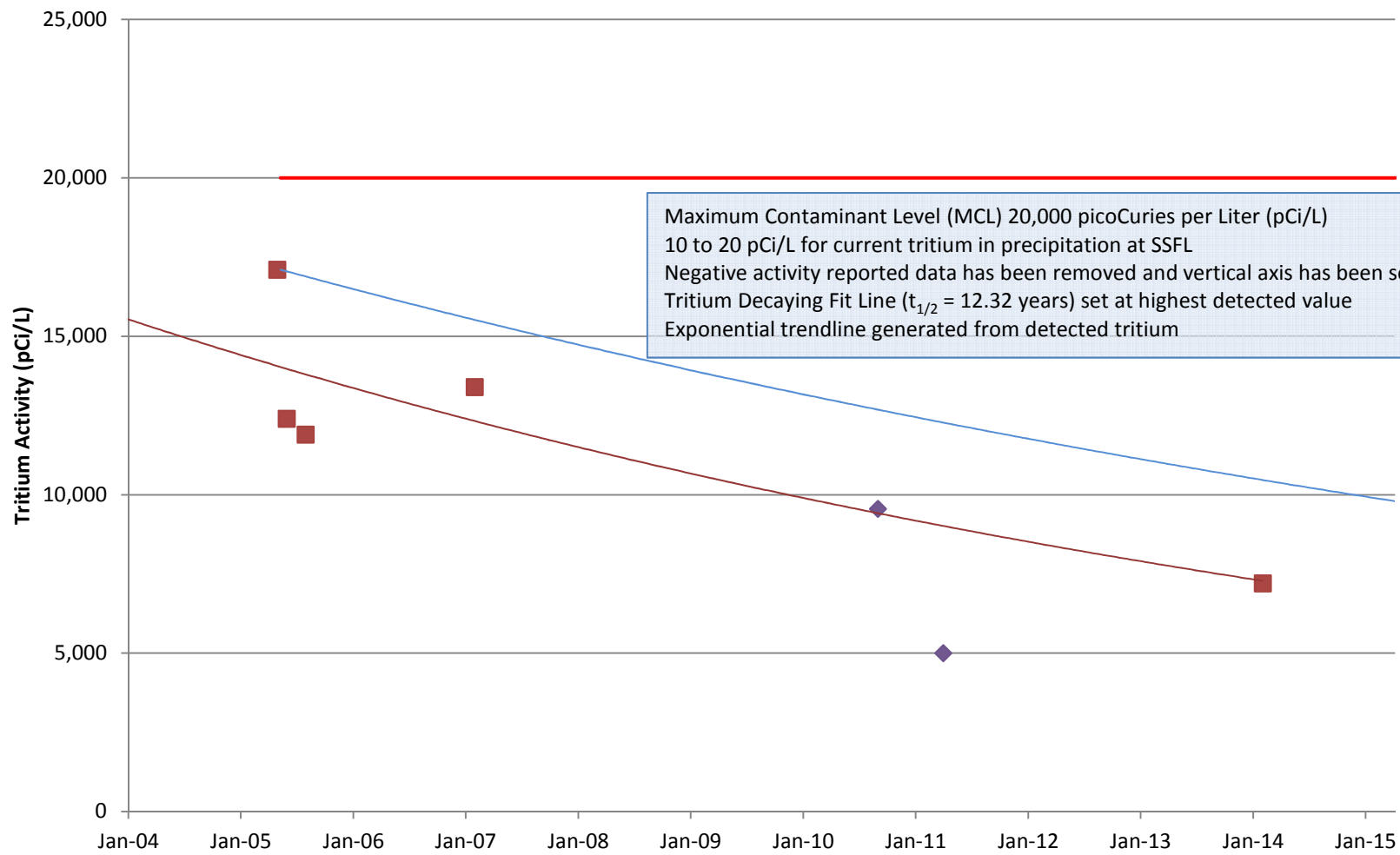


RD-95, Tritium Plume Tritium



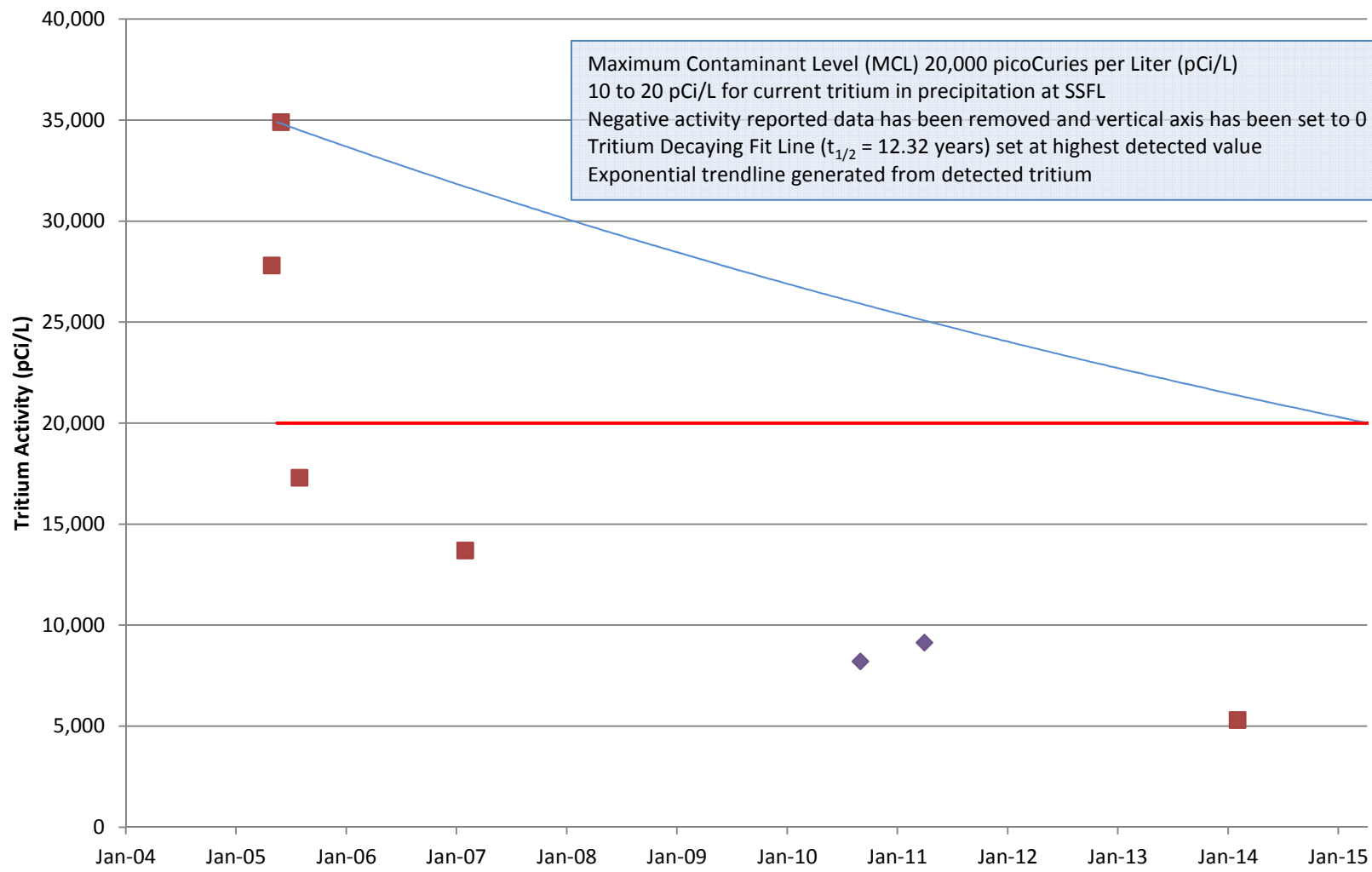
× RD-95 Non Detects	■ RD-95 Detects	* RD-95 EPA Non Detects	◆ RD-95 EPA Detects
Decaying Fit Activity	— MCL = 20,000 pCi/L	— Expon. (RD-95 Detects)	— Expon. (Decaying Fit Activity)

RD-94, Tritium Plume Tritium



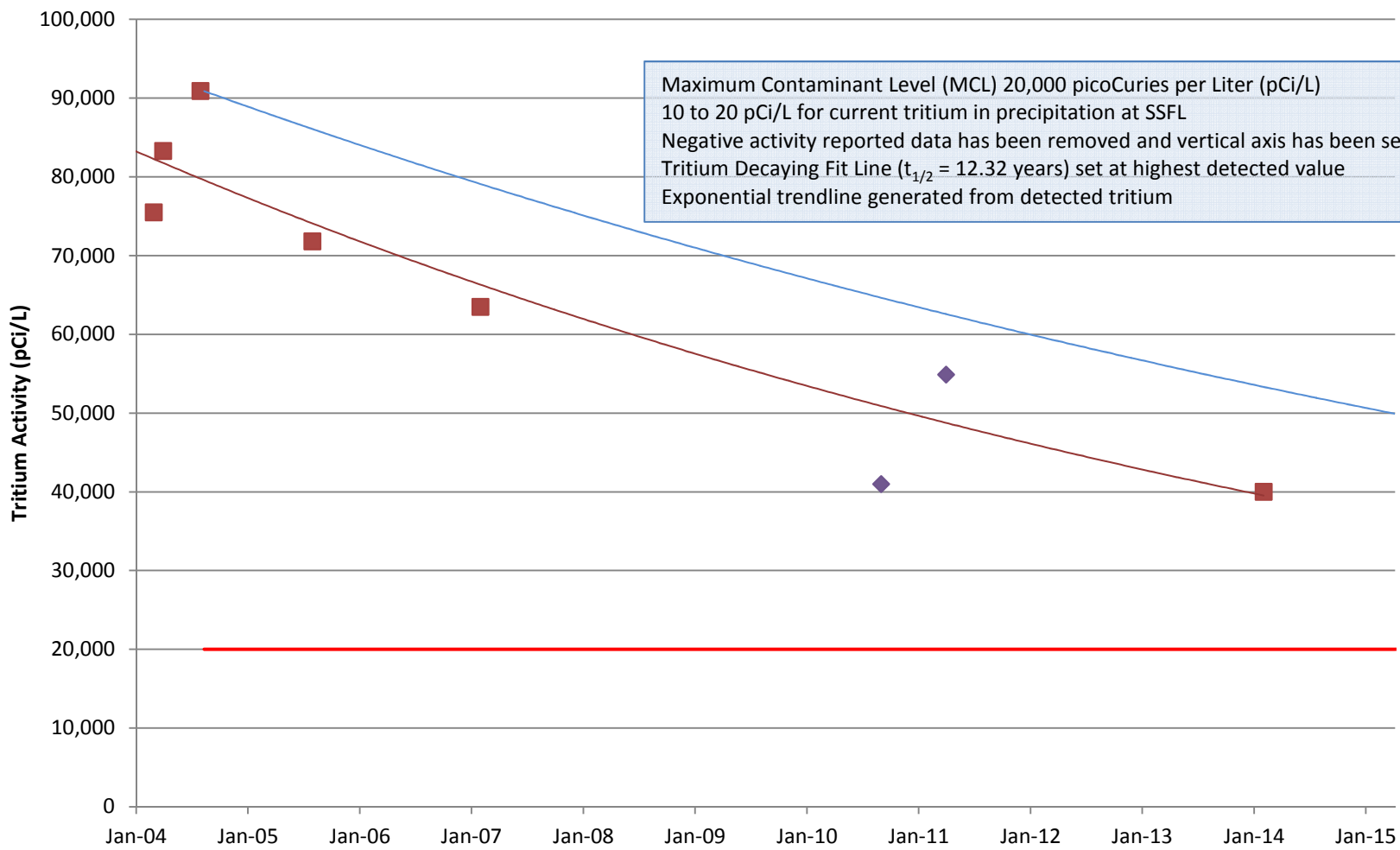
- | | | |
|-------------------------------|----------------------------------|-------------------------------|
| × RD-94 Non Detects | ■ RD-94 Detects | ✱ RD-94 EPA Non Detects |
| ▲ RD-94 EPA Detects Below MDC | ◆ RD-94 EPA Detects | Decaying Fit Activity |
| — Expon. (RD-94 Detects) | — Expon. (Decaying Fit Activity) | — Linear (MCL = 20,000 pCi/L) |

RD-93, Tritium Plume Tritium



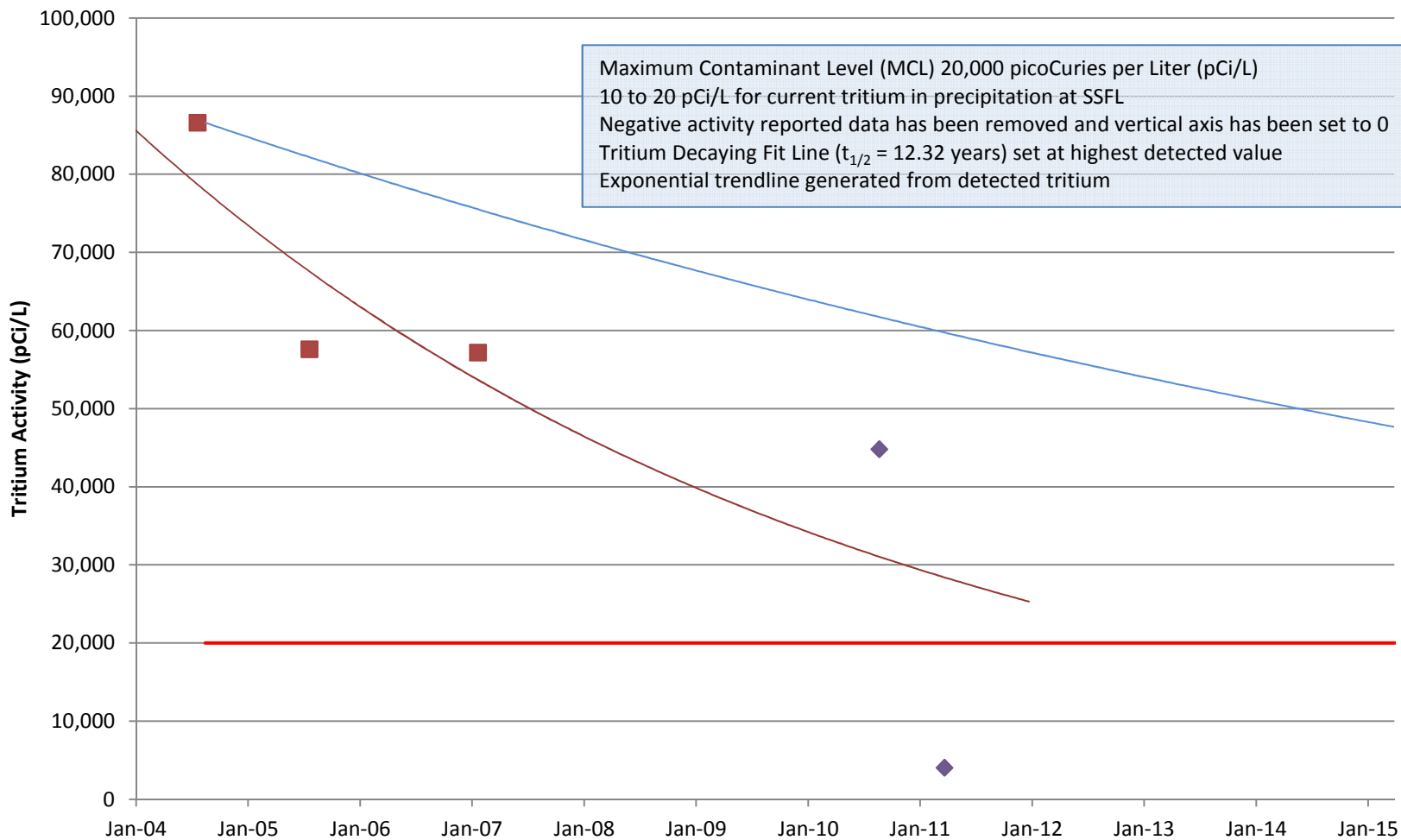
× RD-93 Non Detects	■ RD-93 Detects	× RD-93 EPA Non Detects	◆ RD-93 EPA Detects
Decaying Fit Activity	— Expon. (Decaying Fit Activity)	— Linear (MCL = 20,000 pCi/L)	

RD-90, Tritium Plume Tritium



- | | | |
|-------------------------------|----------------------------------|-------------------------------|
| × RD-90 Non Detects | ■ RD-90 Detects | ✱ RD-90 EPA Non Detects |
| ▲ RD-90 EPA Detects Below MDC | ◆ RD-90 EPA Detects | Decaying Fit Activity |
| — Expon. (RD-90 Detects) | — Expon. (Decaying Fit Activity) | — Linear (MCL = 20,000 pCi/L) |

RD-88, Tritium Plume Tritium



- × RD-88 Non Detects
- ▲ RD-88 EPA Detects Below MDC
- Expon. (RD-88 Detects)
- RD-88 Detects
- ◆ RD-88 EPA Detects
- Expon. (Decaying Fit Activity)
- * RD-88 EPA Non Detects
- Decaying Fit Activity
- Linear (MCL = 20,000 pCi/L)

RD-34A, Tritium Plume Tritium

