

# ERDF Interface Meeting Minutes Building MO-607

Prepared for the U.S. Department of Energy  
Assistant Secretary for Environmental Management

Contractor for the U.S. Department of Energy  
under Contract DE-AC06-08RL14788

**CH2MHILL**  
Plateau Remediation Company

**P.O. Box 1600**  
**Richland, Washington 99352**

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Date Published  
September 2020

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Plateau Remediation Company  
P.O. Box 1600  
Richland, Washington 99352

**APPROVED**  
By Julia Raymer at 3:01 pm, Oct 14, 2020

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Release Approval

Date

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**SUBJECT**

**ERDF Interface Meeting Minutes  
Building MO-607**

**TO** Distribution

**FROM** B. L. Lawrence

**DATE** August 19, 2020

**ATTENDEES**

W. A. Borlaug, T2-03  
C. E. Cameron (EPA), A3-46  
D. A. Duranceau, T2-05  
C. H. Larson, T2-03  
B. L. Lawrence, T2-03  
B. Oilfield, L4-45  
D. B. Teachout, T2-03

**DISTRIBUTION**

Attendees  
J. E. Bramson, A6-01  
J. M. Curnutt, T2-07  
K. A. Ebert, H6-60  
D. R. Hildebrand (RL), A6-38  
J. Johanson, L4-45  
B. A. Stetter (RL), H5-20  
K. R. Thompson, R3-60  
S. L. Trine (RL), R3-50  
L. D. West, L1-16  
Administrative Records

A meeting was held on August 19, 2020 at CH2MHILL Plateau Remediation Company (CHPRC) via the Microsoft Team Meeting application and these minutes are a summary of the discussions.

**ADMINISTRATIVE**

- Next ERDF Interface Meeting – The next meeting is scheduled for Wednesday, September 2, 2020
- Attendees/Delegations – Representative from the U.S. Environmental Protection Agency (EPA) was present to conduct the business of the meeting
- Approval of Minutes – Meeting minutes from the August 5, 2020 meeting were approved by the EPA
- Agenda – Attachment 1 is the meeting agenda

## **TOPICS DISCUSSED**

### **Safety Topic**

#### **Operations – Dave Duranceau**

- **Status General Operations**
  - ERDF waste disposal has been slow this week
  - ERDF disposed 20 general purpose (GP) waste containers this week
  - ERDF has several full containers from PFP, PRF, and miscellaneous waste sites
  - ERDF received DOE approval to resume enhanced waste disposal operations
  - ERDF continues to perform grounds, landfill, equipment, and facility maintenance
  
- **Waste Forecast**
  - 100-K anticipates generating 40 waste containers per week

#### **Engineering – Bill Borlaug**

- **ERDF Leachate Quarterly Data – 2/2020 and 6/2020**
  - ERDF presented the quarterly leachate data during the meeting (see attachment 2)
  
- **ERDF Leachate Transfers**
  - The ERDF leachate transfers continue with no issues

#### **Environmental – Barry Lawrence**

- **Groundwater, Leachate, Lysimeters Monitoring and Reporting at the Environmental Restoration Disposal Facility, CY 2018 (ERDF-00100)**
  - The CY2018 annual report is in the final approval process
  
- **Groundwater, Leachate, Lysimeters Monitoring and Reporting at the Environmental Restoration Disposal Facility, CY 2019 (ERDF-00105)**
  - ERDF is drafting the CY2019 annual report
  
- **ERDF Lysimeters Inspection (Pre-Sample)**
  - The lysimeter were inspected last and there were no unusual observations
  - The lysimeters will be sampled next month
  
- **ERDF Leachate Sample – Confirmatory Sampling**
  - The leachate will be sampled next month for the confirmatory sampling (long list)
  
- **Approval of the Meeting Minutes**
  - The minutes from the August 5, 2020 meeting minutes were approved by the EPA following the meeting, via email
  
- **Next ERDF Interface Meeting**
  - The next meeting is scheduled for Wednesday, September 2, 2020

# **Attachment 1**

## **ERDF Regulatory Interface Meeting August 19, 2020**

### Safety Topic

#### Operations – Dave Duranceau

- Status Operations
- Waste Forecasts

#### Engineering – Bill Borlaug

- ERDF Leachate Quarterly Data – 2/2020 and 6/2020

#### Environmental – Barry Lawrence

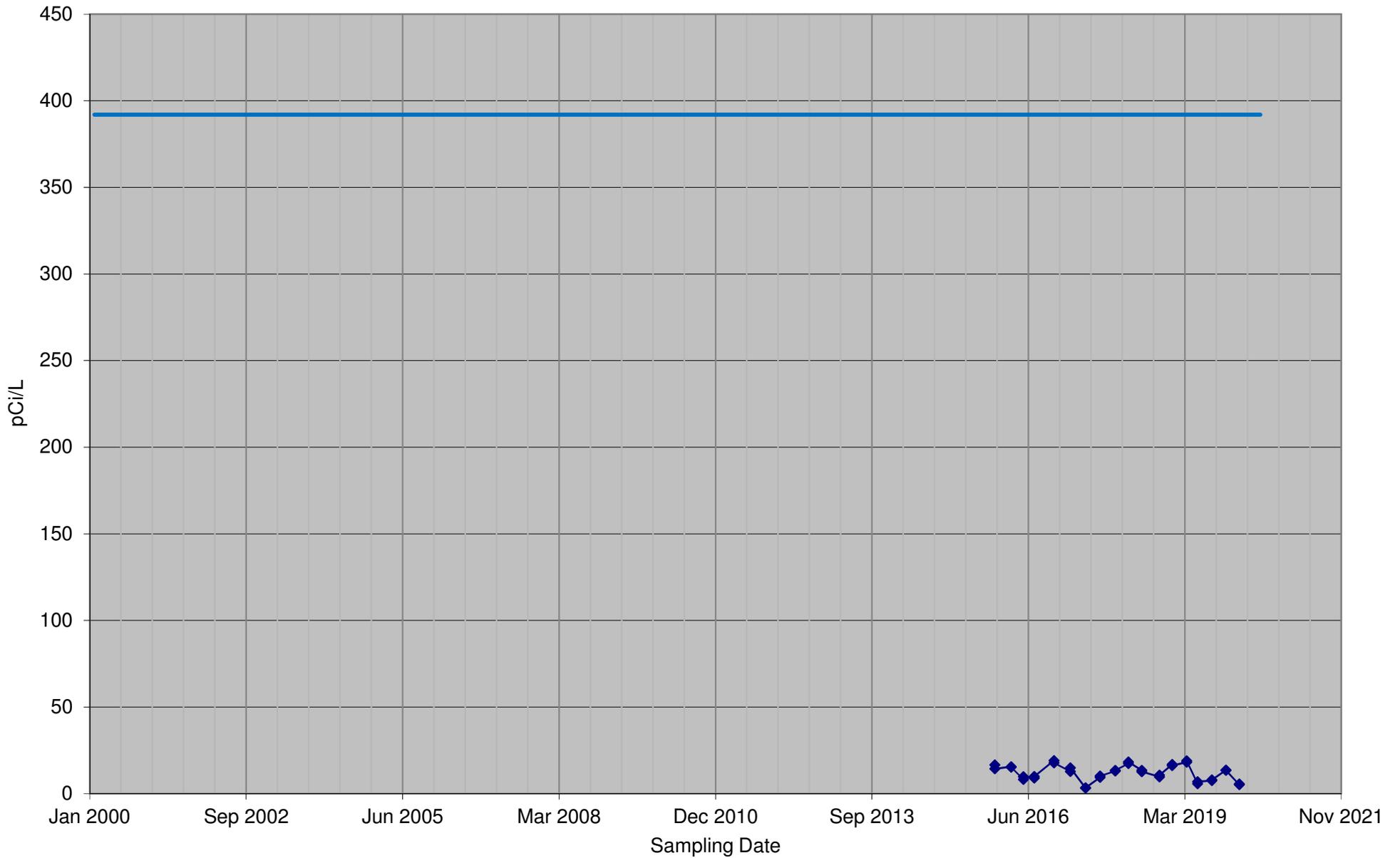
- Approval of the August 5, 2020 meeting minutes
- Next ERDF Regulatory Interface Meeting – August 19, 2020

## **Attachment 2**

**ERDF Leachate Quarterly Data – 2/2020 and 6/2020**

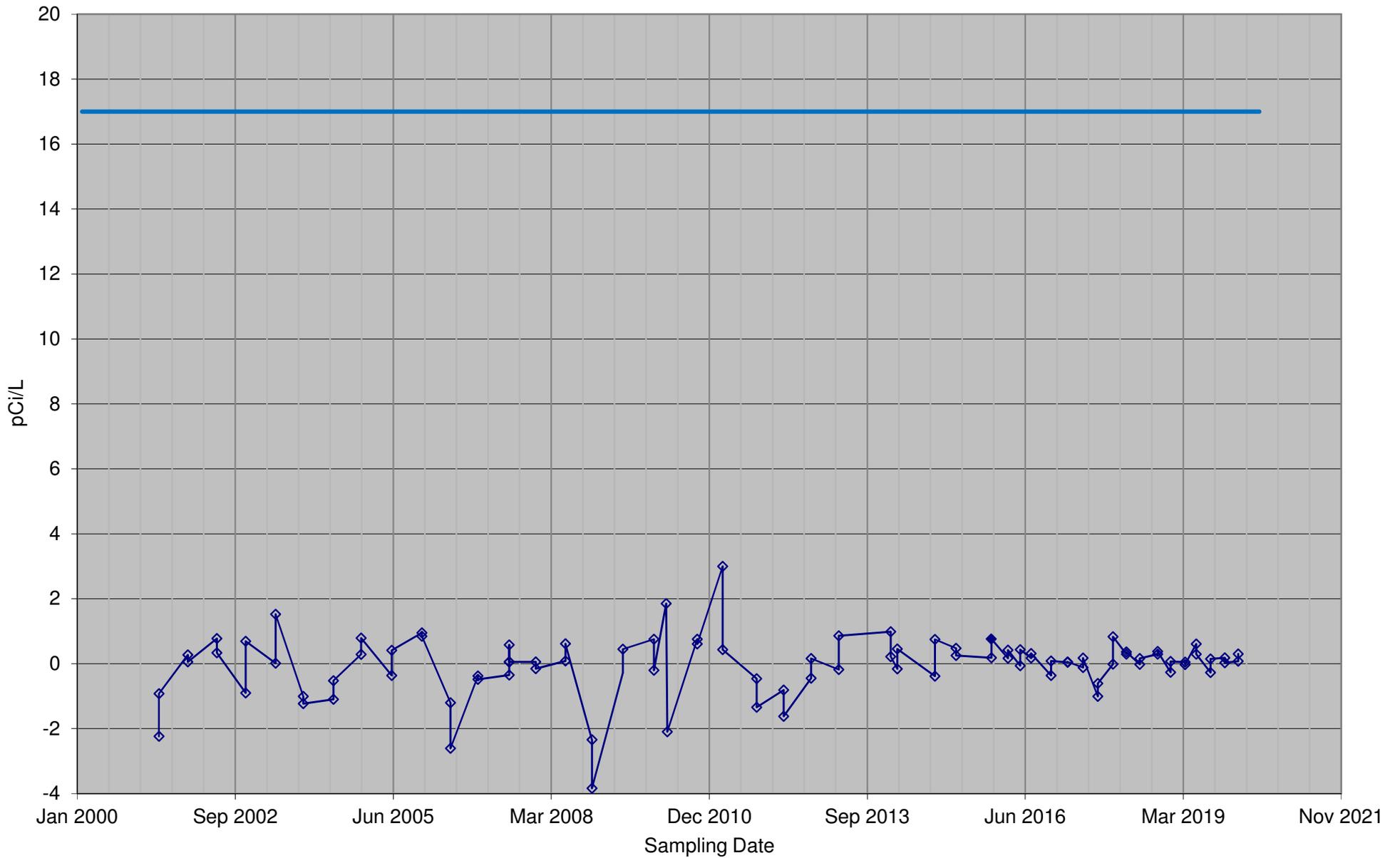
# Radioactive Strontium

◆ Rad Sr ERDF Leachate      — 200WPTF Action Level (Initiate Active Influent Management)



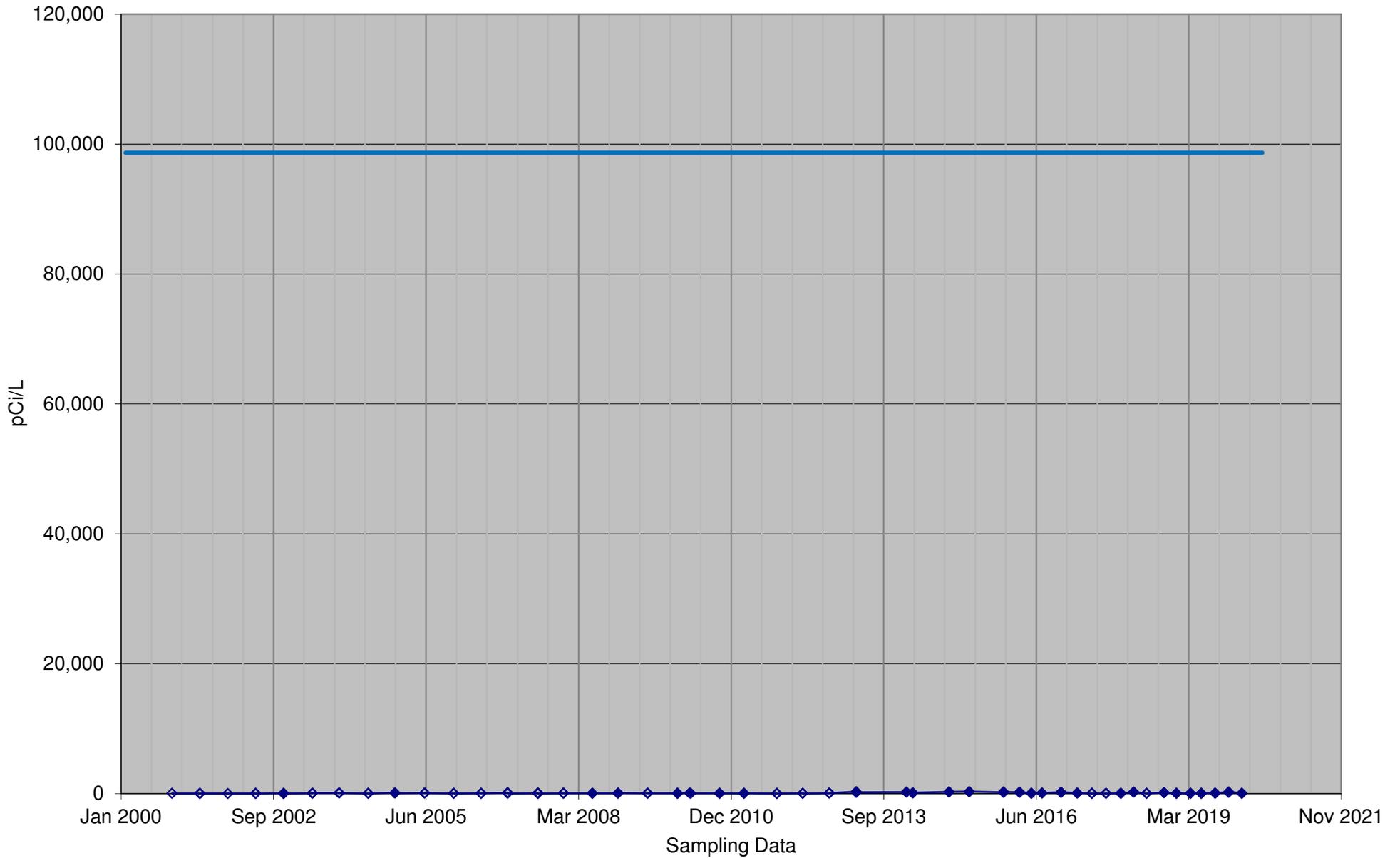
# Iodine-129

—◇— I-129 ERDF Leachate      — 200WPTF Action Level (initiate Active Influent Management)

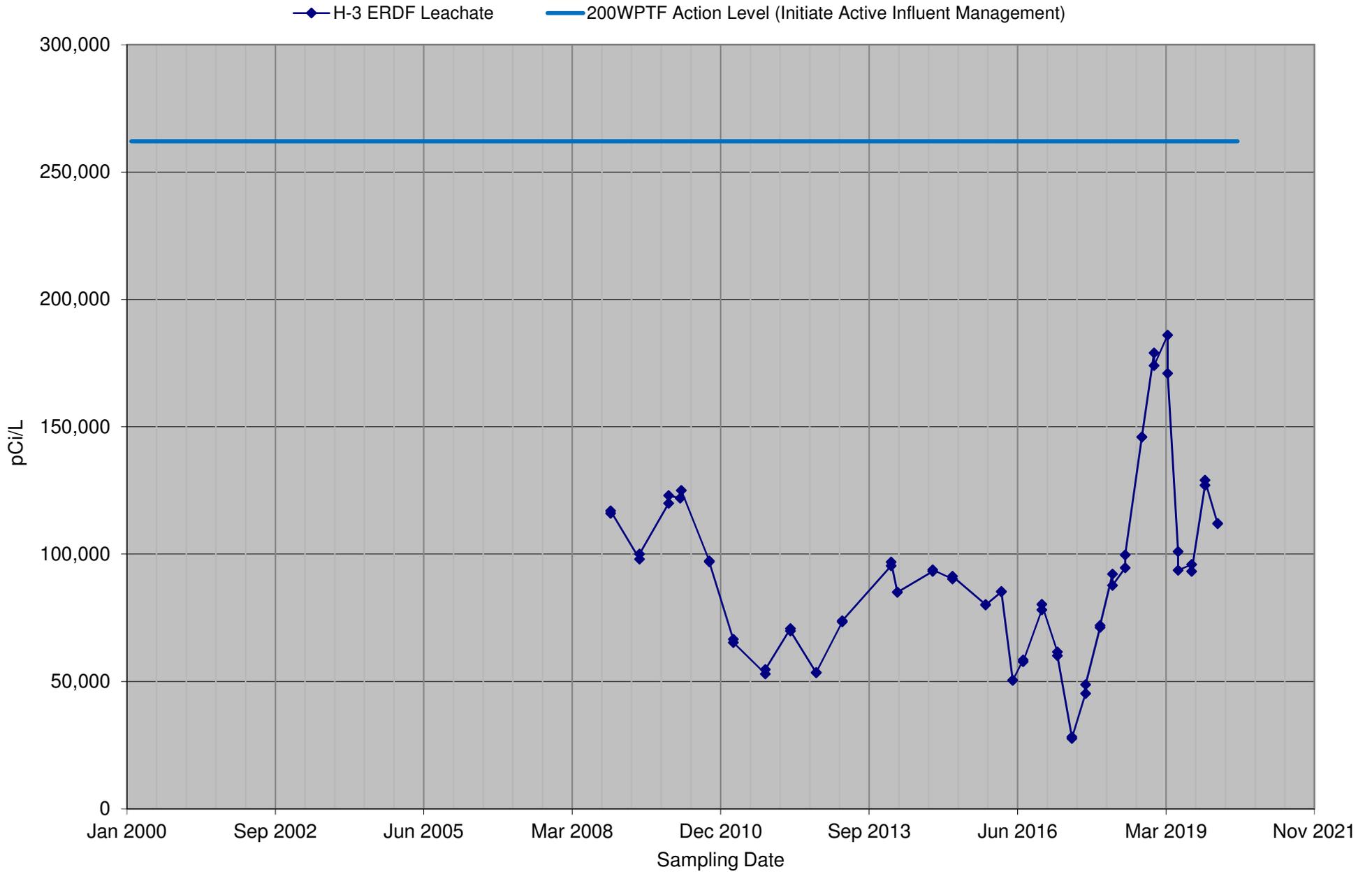


# Carbon-14

◆ C-14 ERDF Leachate      — 200WPTF Action Level (Initiate Active Influent Management)

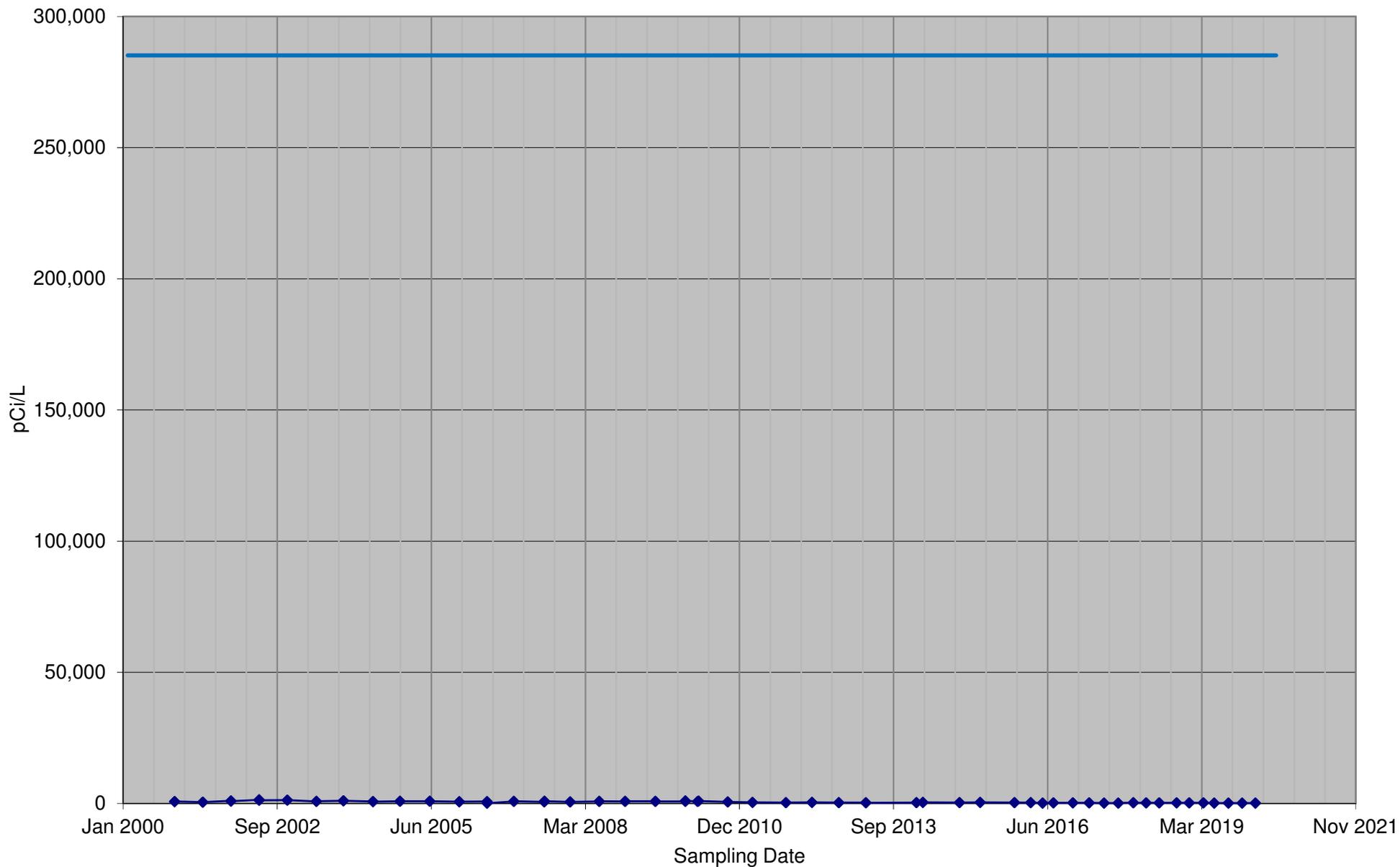


# Tritium



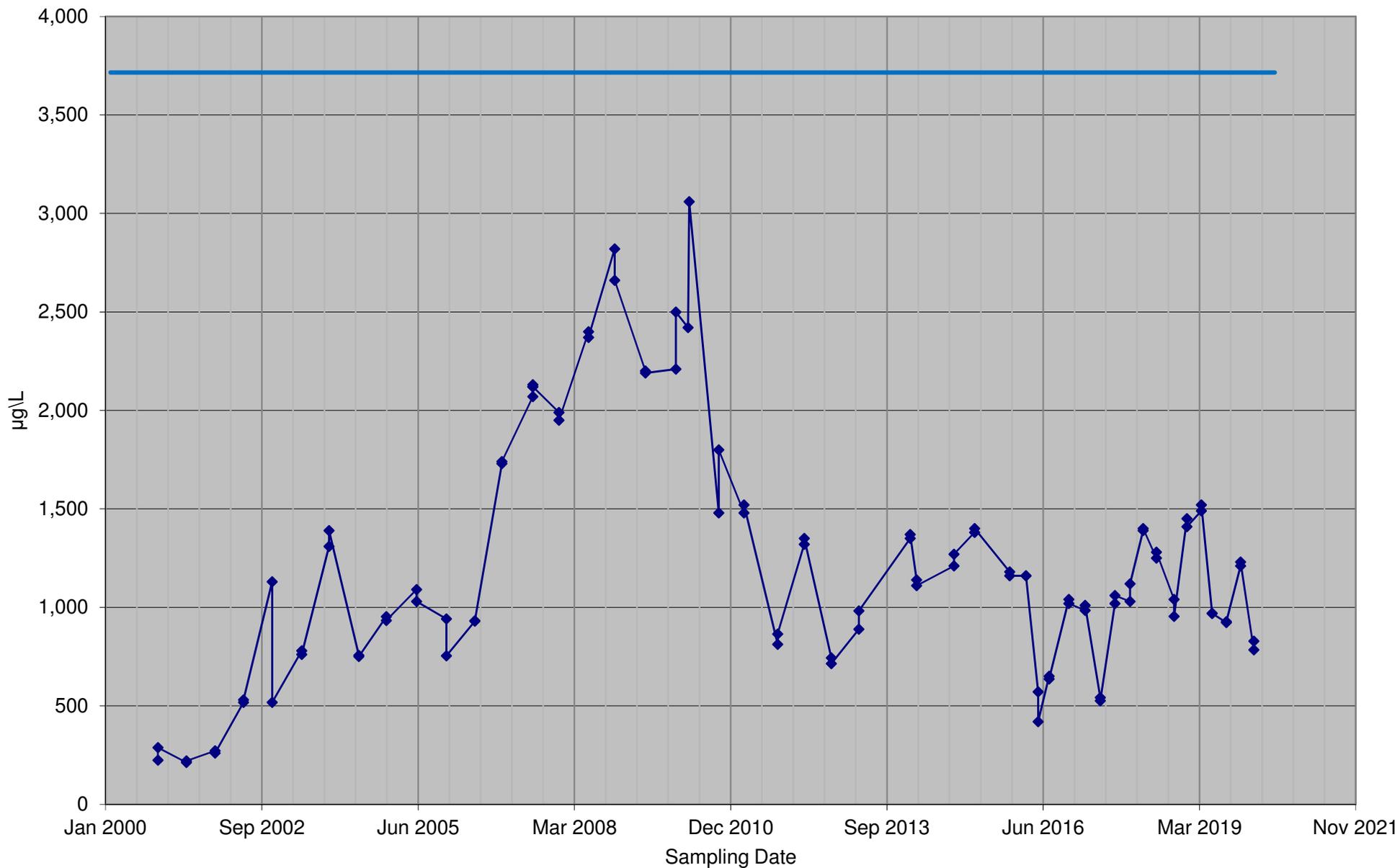
### Technetium-99

◆ Tc-99 ERDF Leachate      — 200WPTF Action Level (Initiate Active Influent Management)

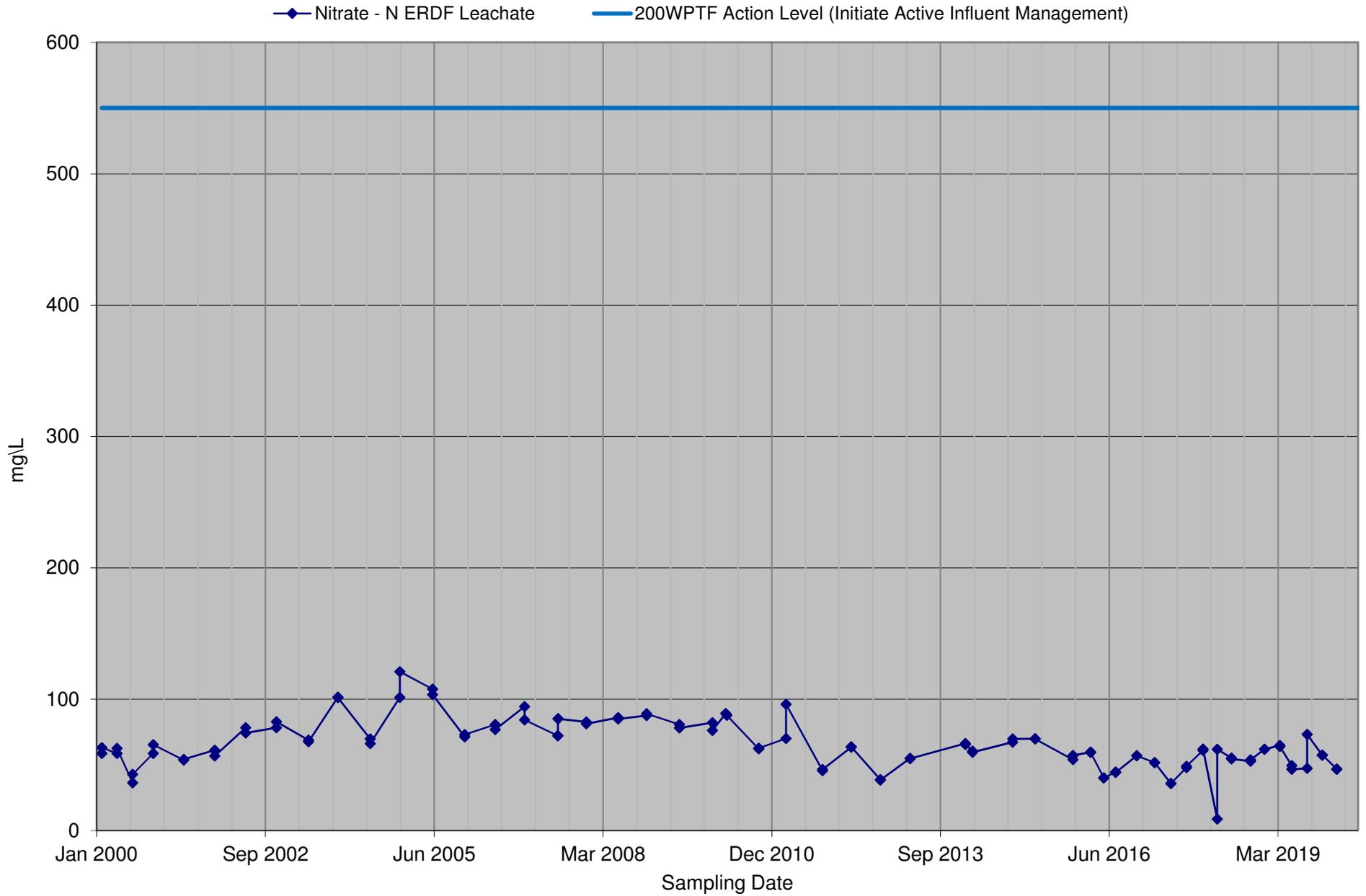


# Total Uranium

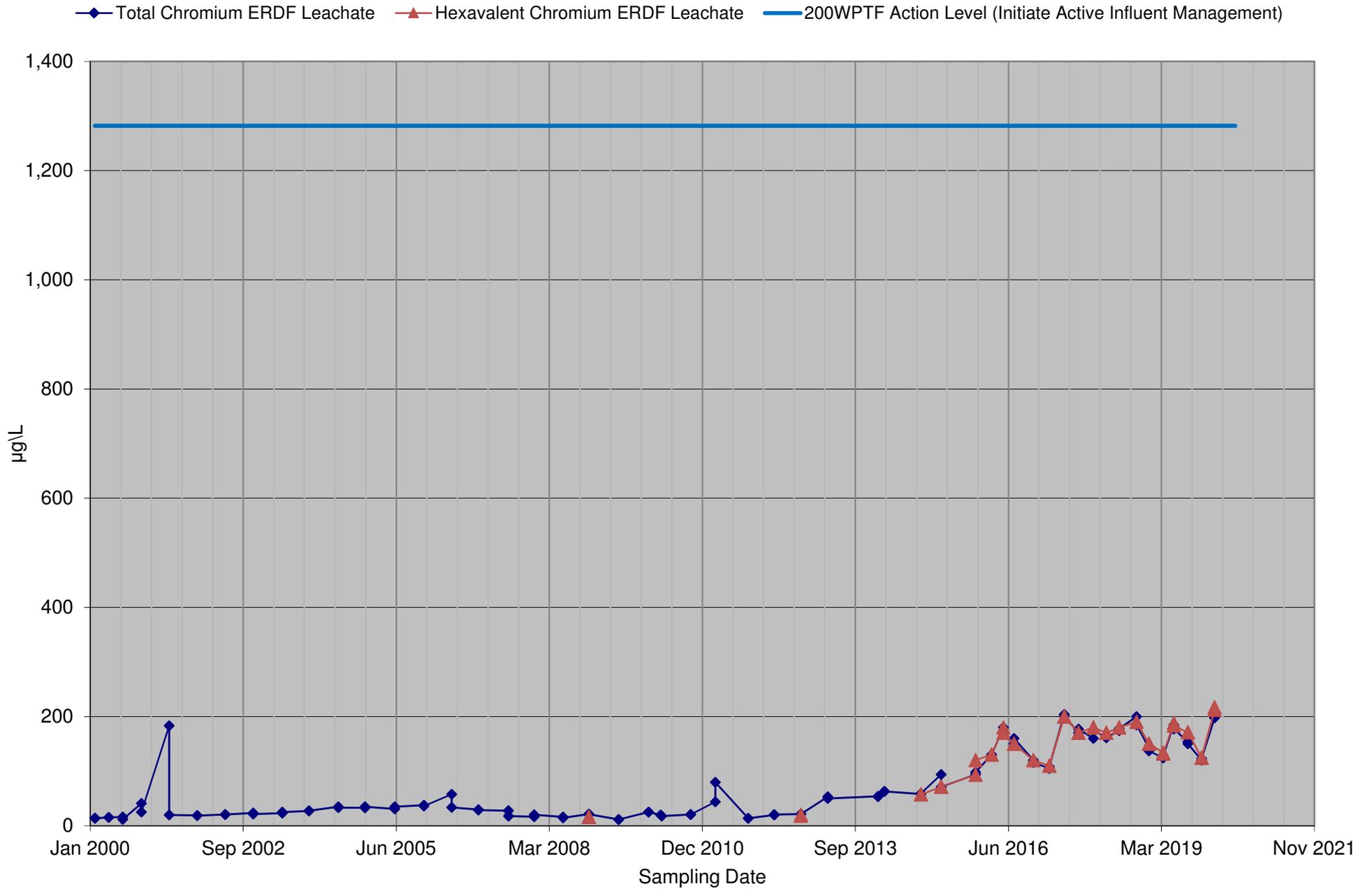
◆ U ERDF Leachate      — 200WPTF Action Level (Initiate Active Influent Management)



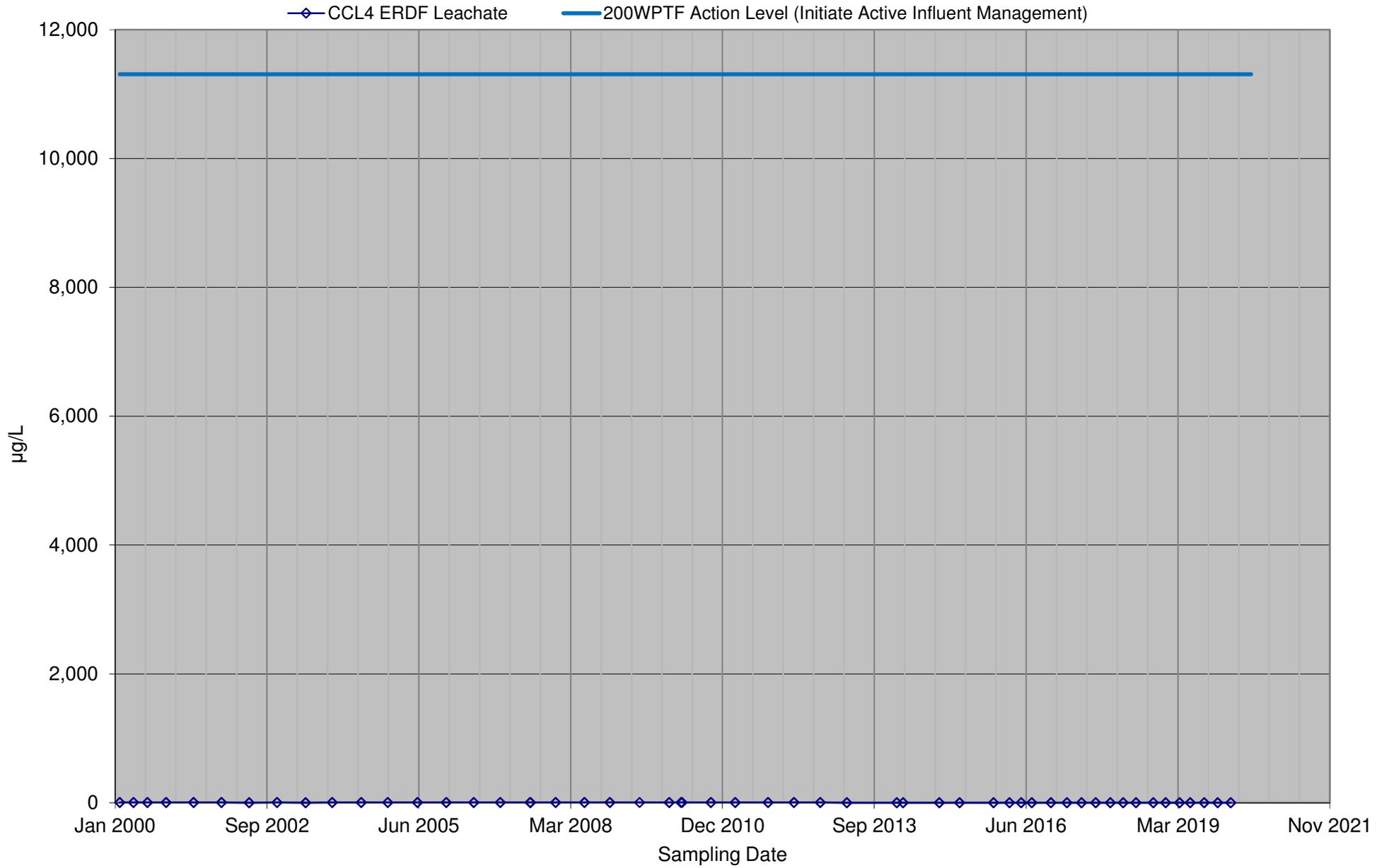
### Nitrate as N



# Chromium

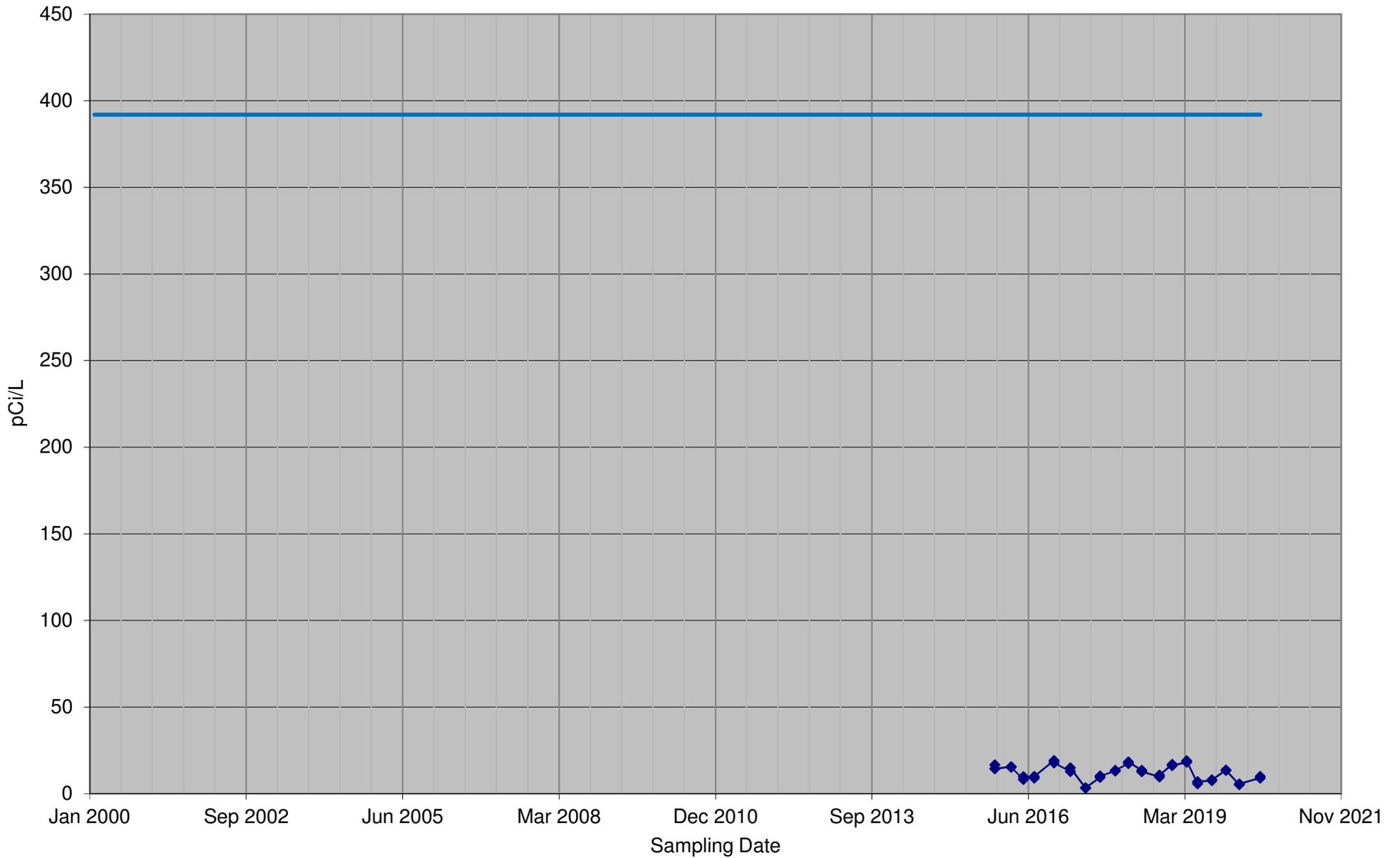


# Carbon Tetrachloride



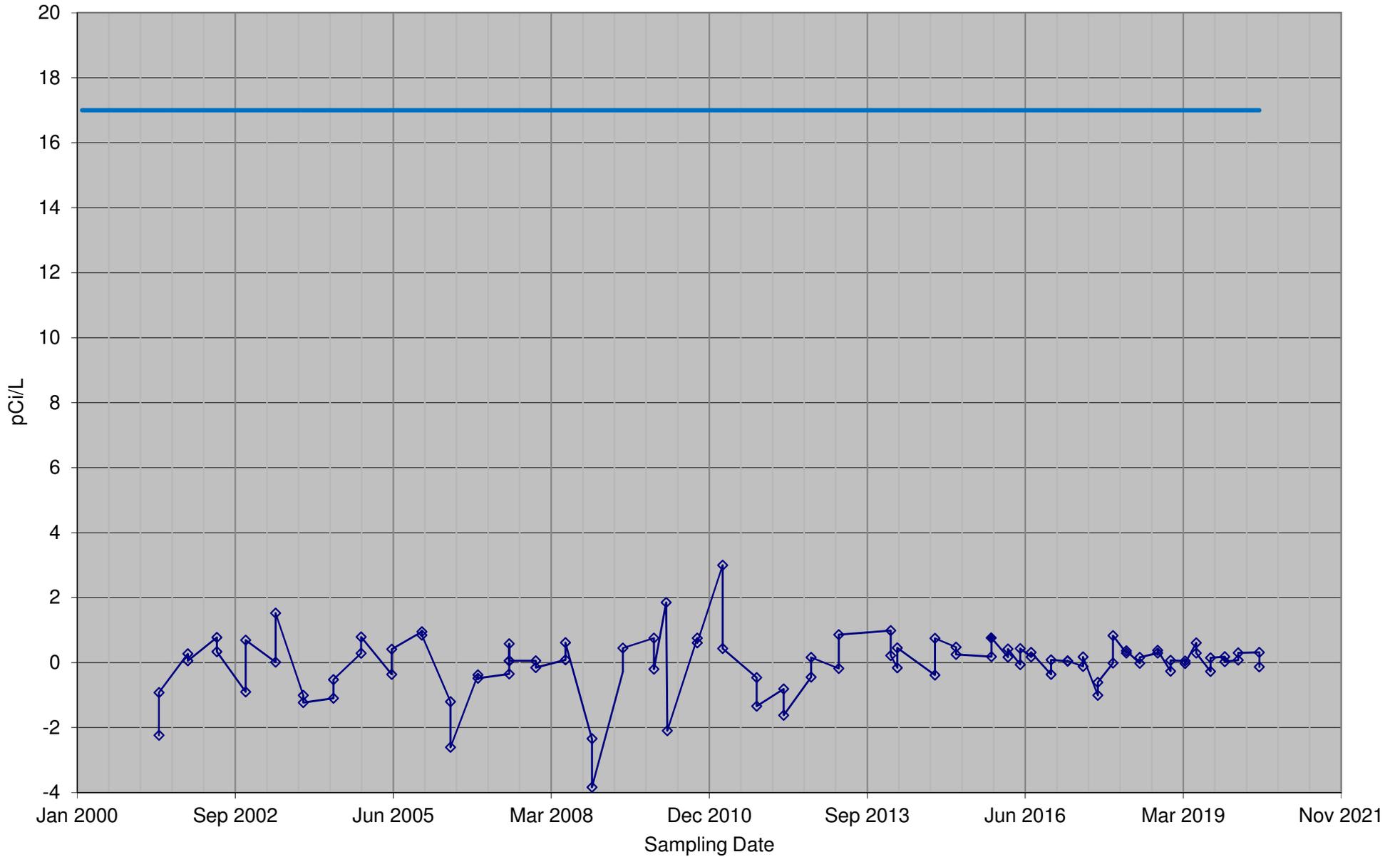
# Radioactive Strontium

◆ Rad Sr ERDF Leachate      — 200WPTF Action Level (Initiate Active Influent Management)



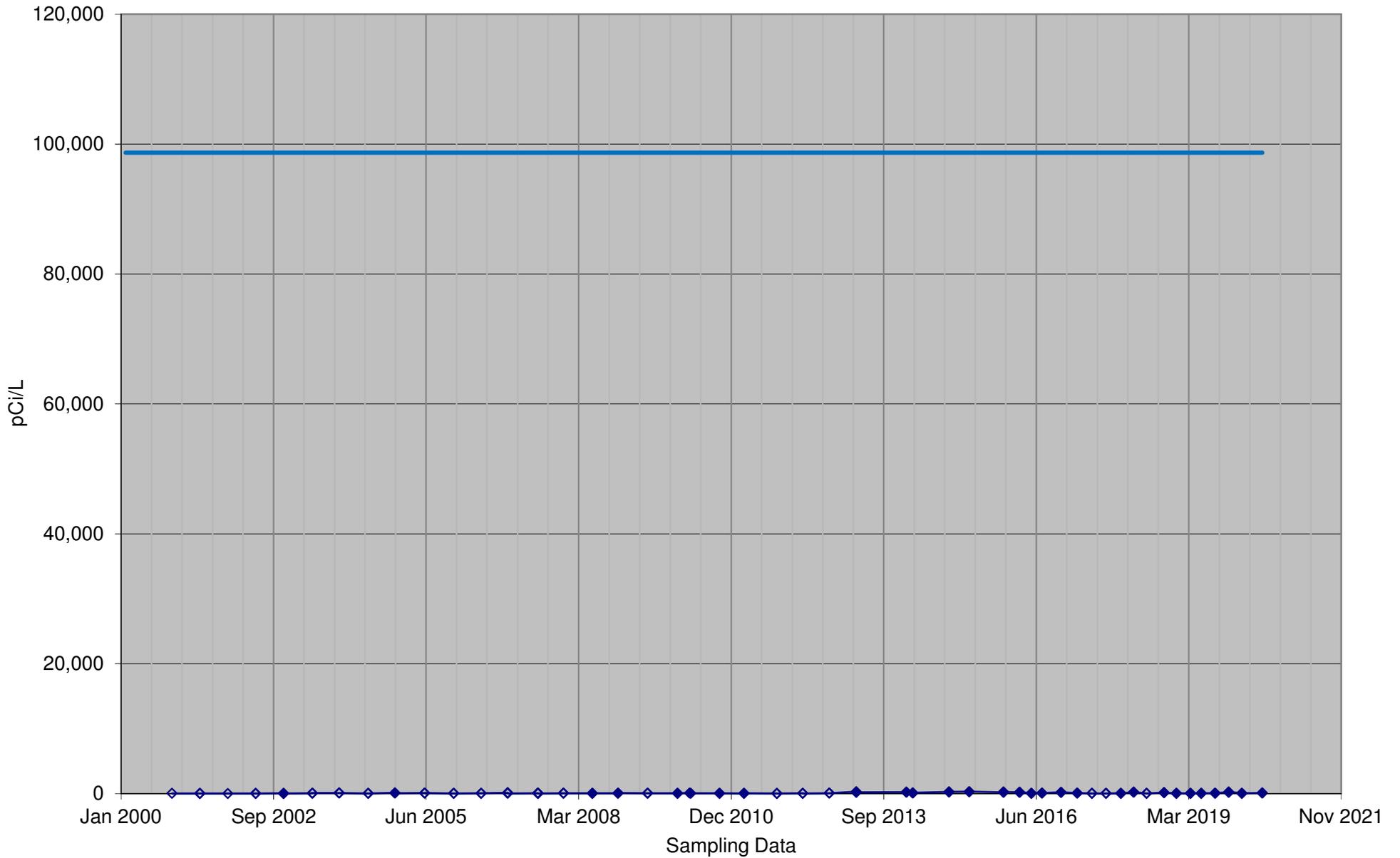
# Iodine-129

—◇— I-129 ERDF Leachate      — 200WPTF Action Level (initiate Active Influent Management)

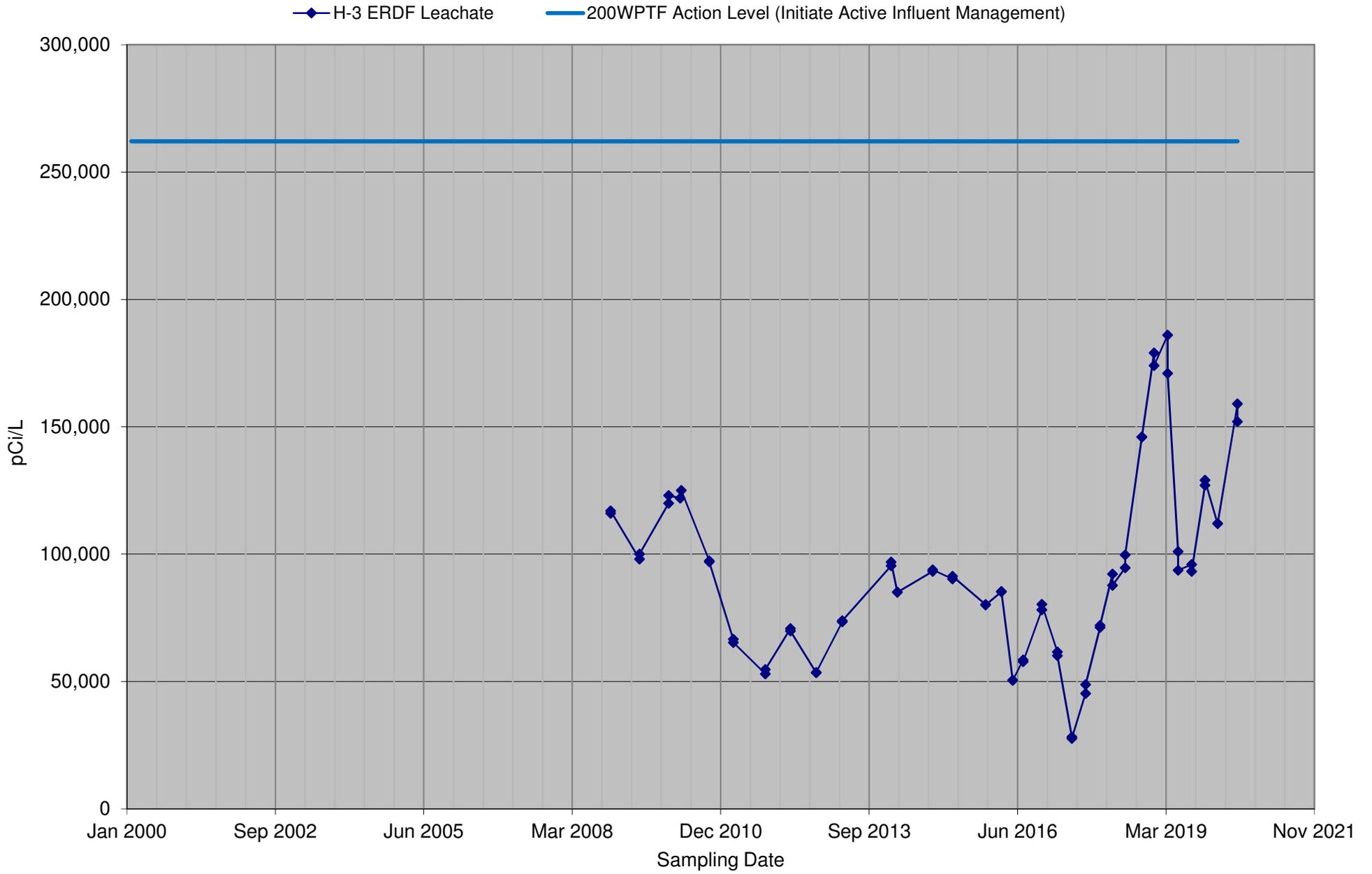


# Carbon-14

◆ C-14 ERDF Leachate      — 200WPTF Action Level (Initiate Active Influent Management)

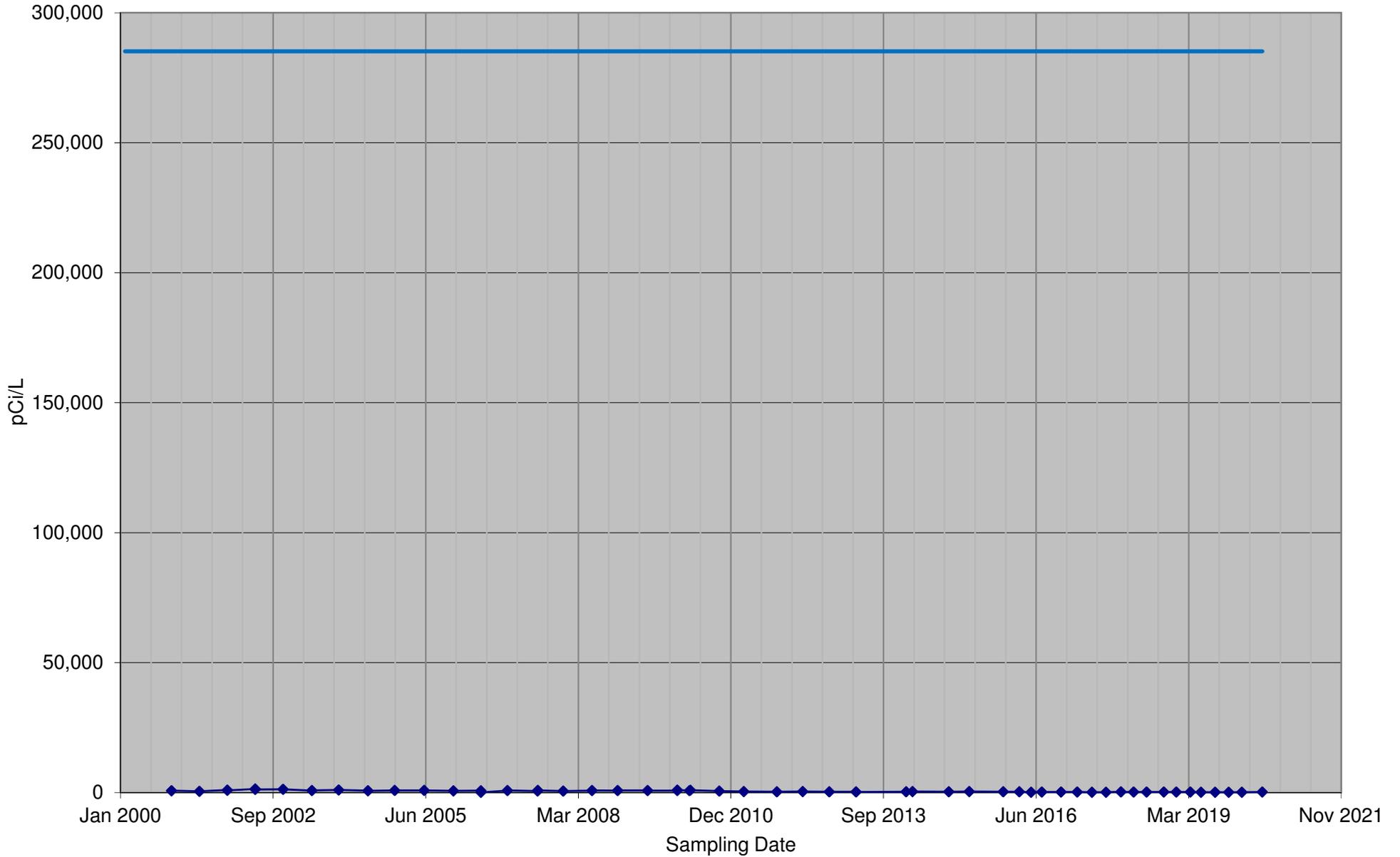


# Tritium



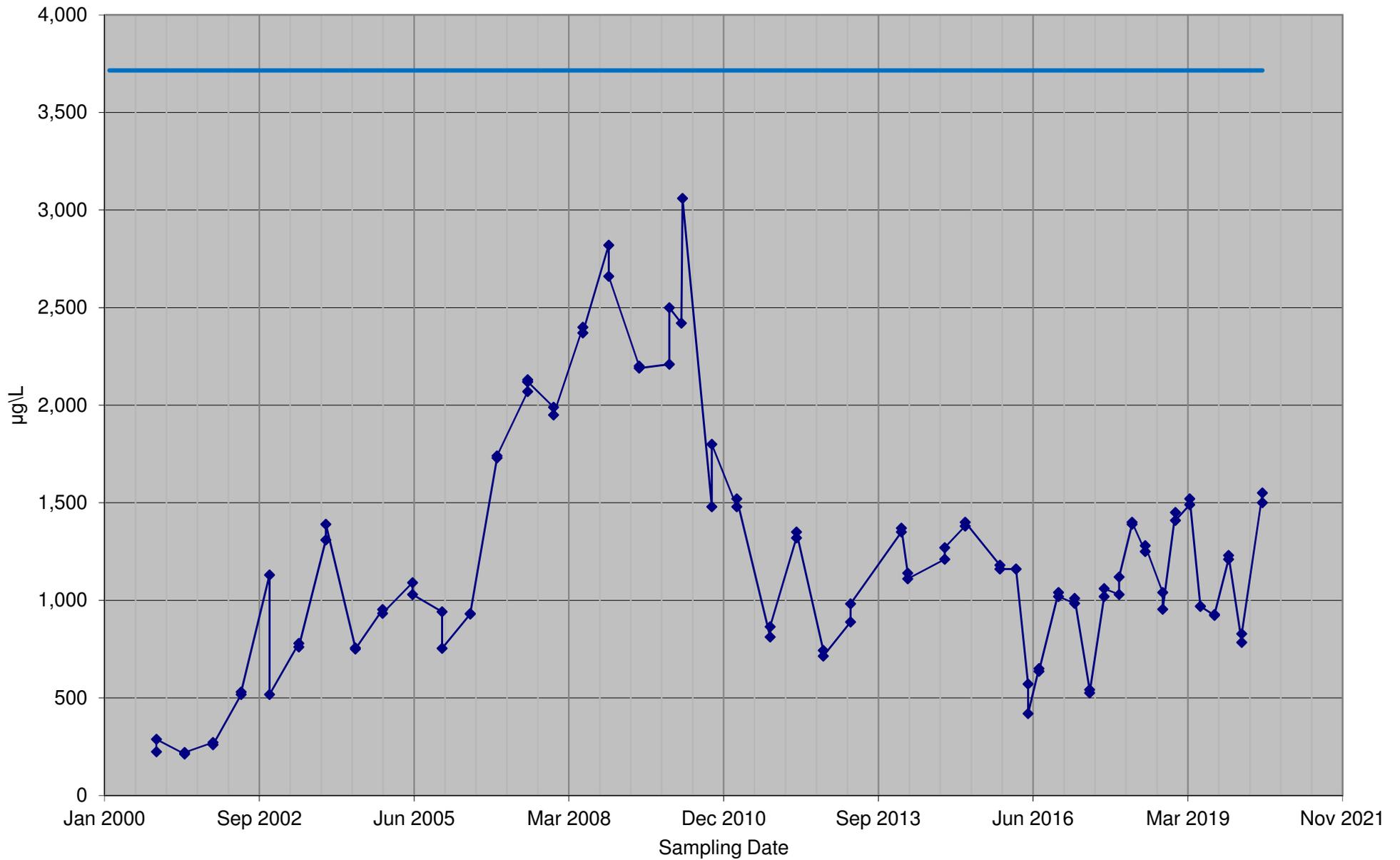
### Technetium-99

◆ Tc-99 ERDF Leachate      — 200WPTF Action Level (Initiate Active Influent Management)

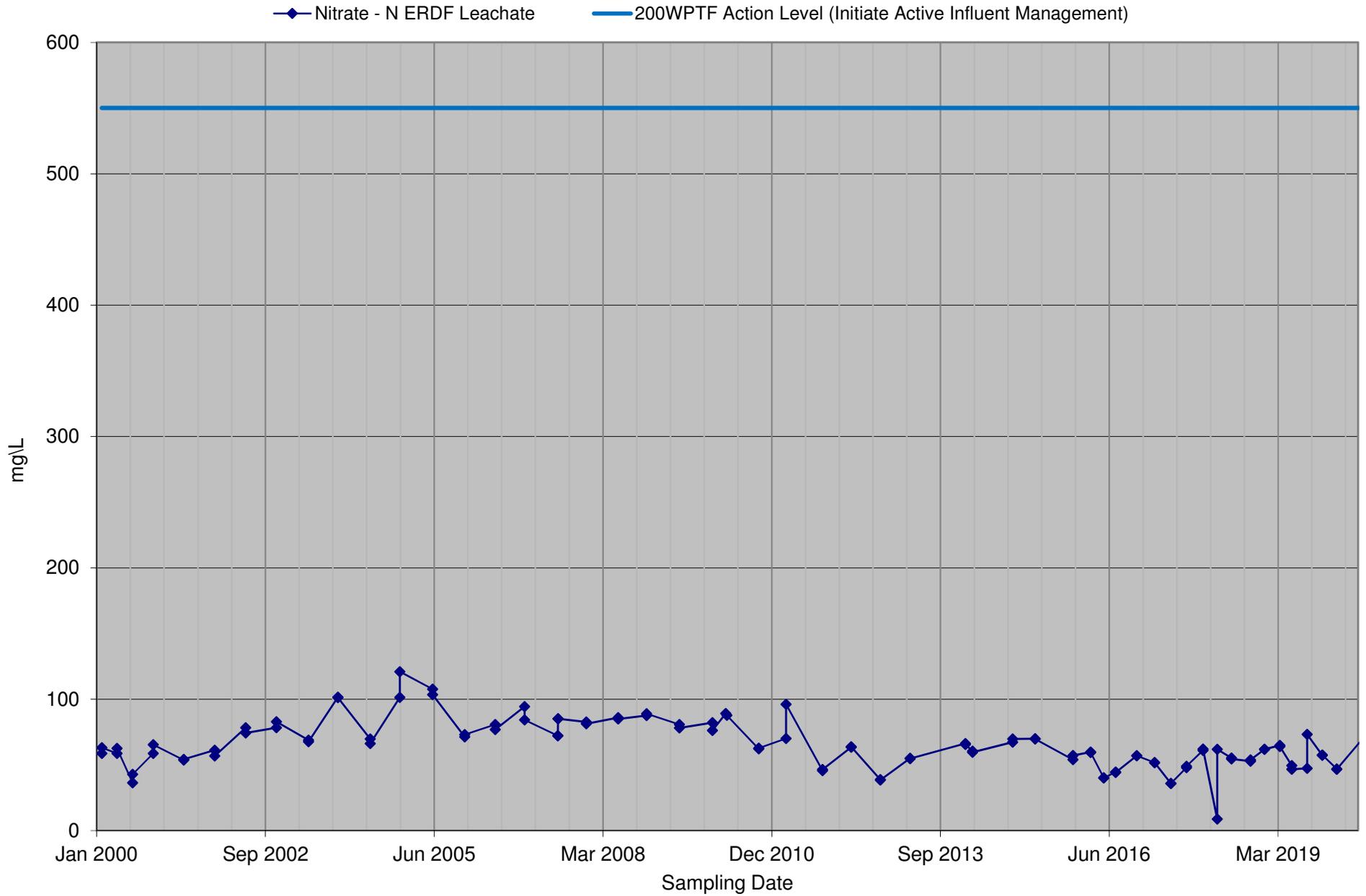


# Total Uranium

◆ U ERDF Leachate      — 200WPTF Action Level (Initiate Active Influent Management)



### Nitrate as N



# Chromium



# Carbon Tetrachloride

