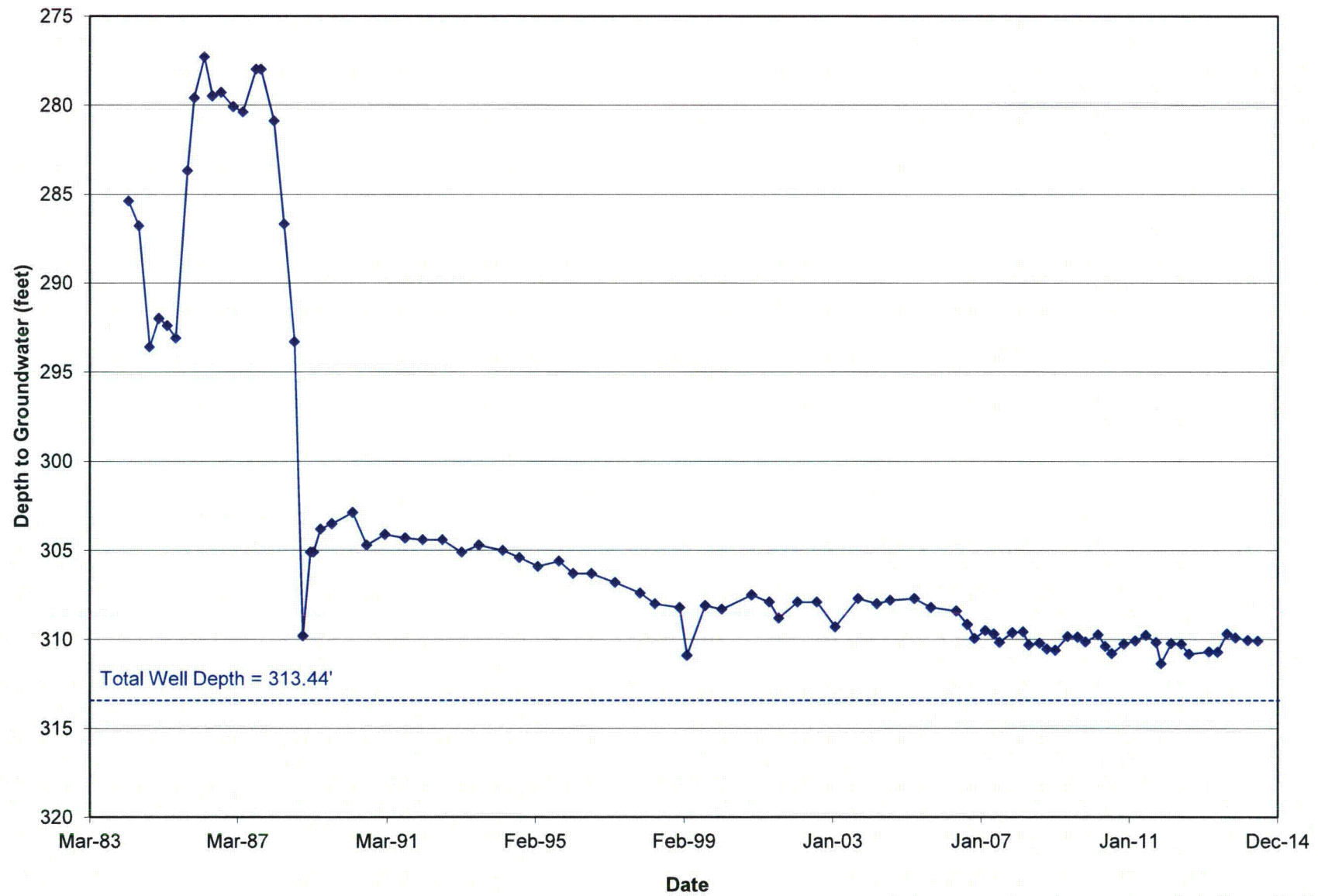


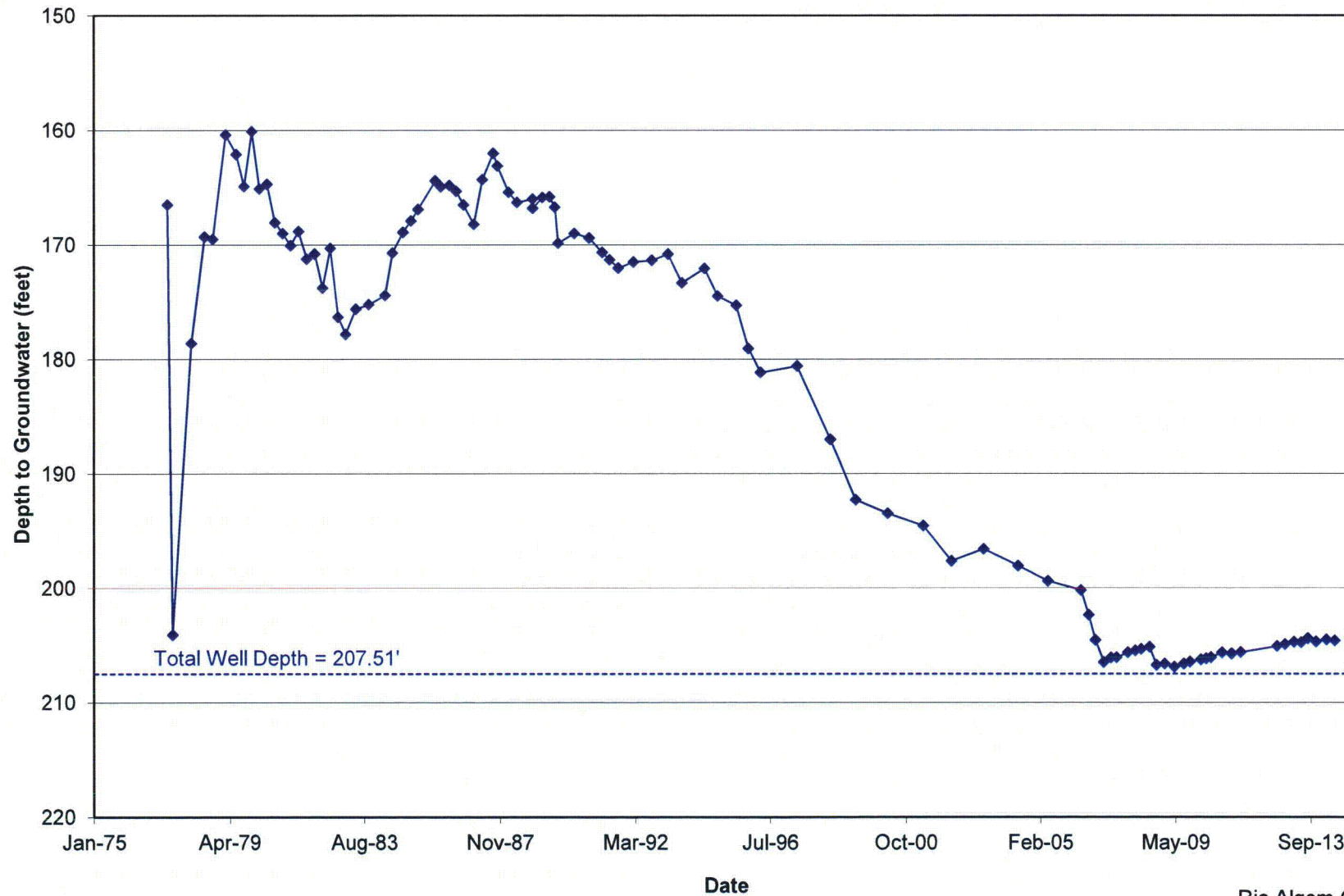
APPENDIX 3

Stability Monitoring Plan
Hydrographs

Hydrograph for Dakota Monitoring Well 30-02KD



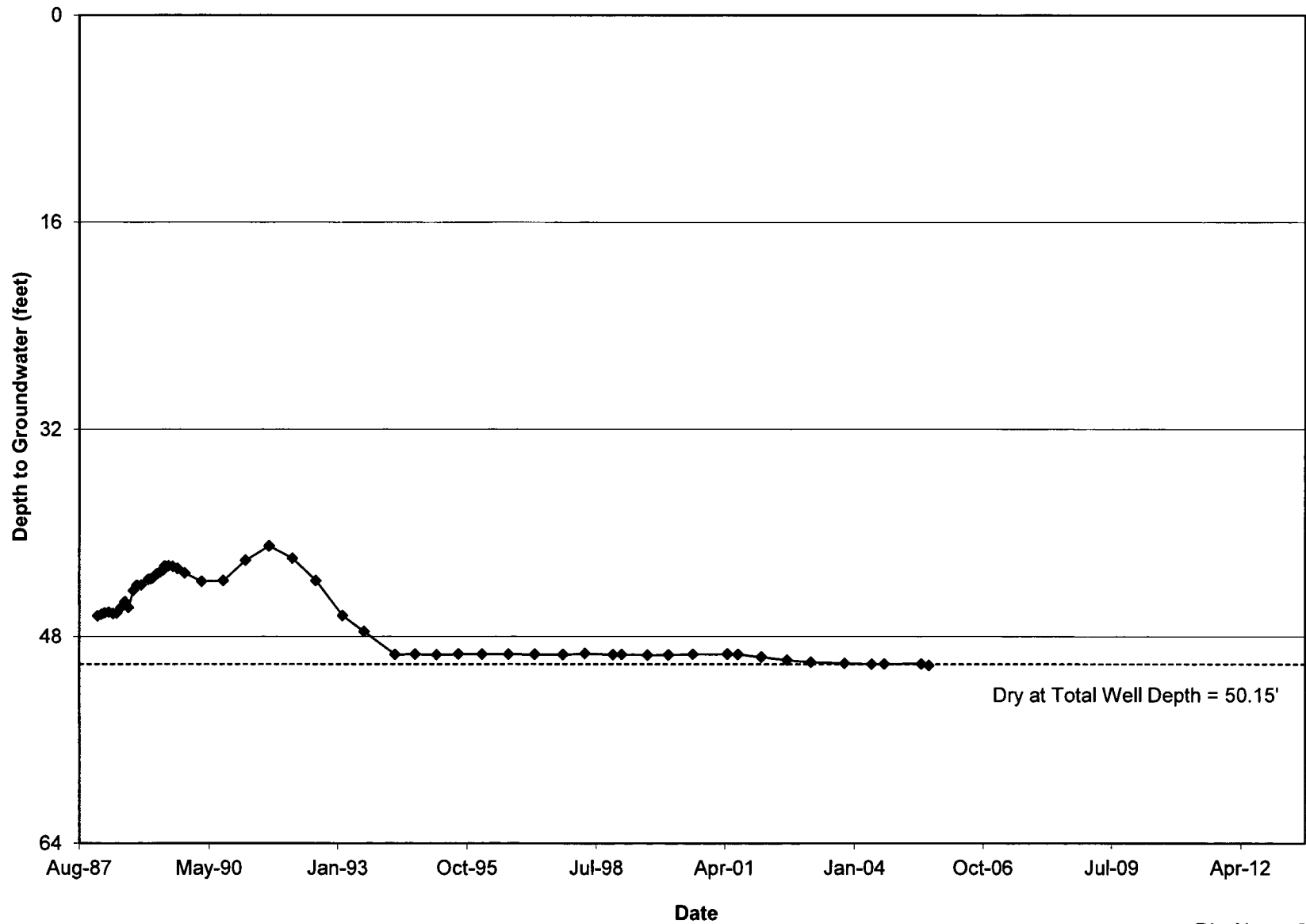
Hydrograph for TRA Monitoring Well 30-01



Hydrograph for TRB Monitoring Well 31-67

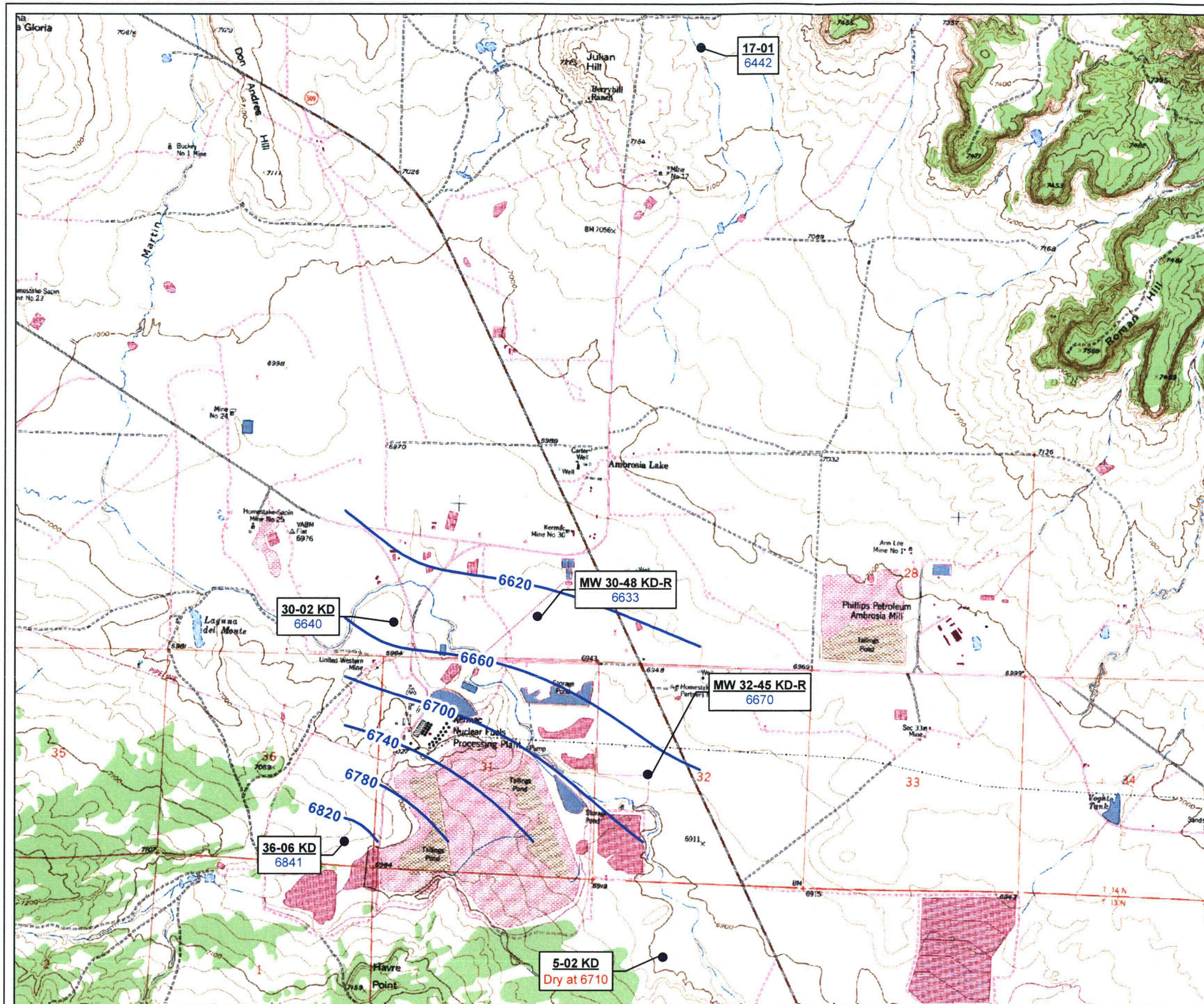


Hydrograph for Alluvial Monitoring Well MW-24

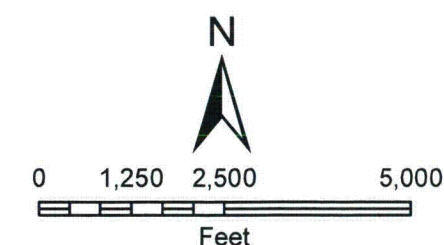


APPENDIX 4

Stability Monitoring Plan
Potentiometric Surface Maps



INTERA



USGS 7.5 Minute Topographic Maps:
Ambrosia Lake Quadrangle, 1957/rev.1980;
Contour Interval 20 Feet

Legend

- Dakota Monitoring Well Location
- Dakota Potentiometric Iso-Contours (ft amsl)

Well ID

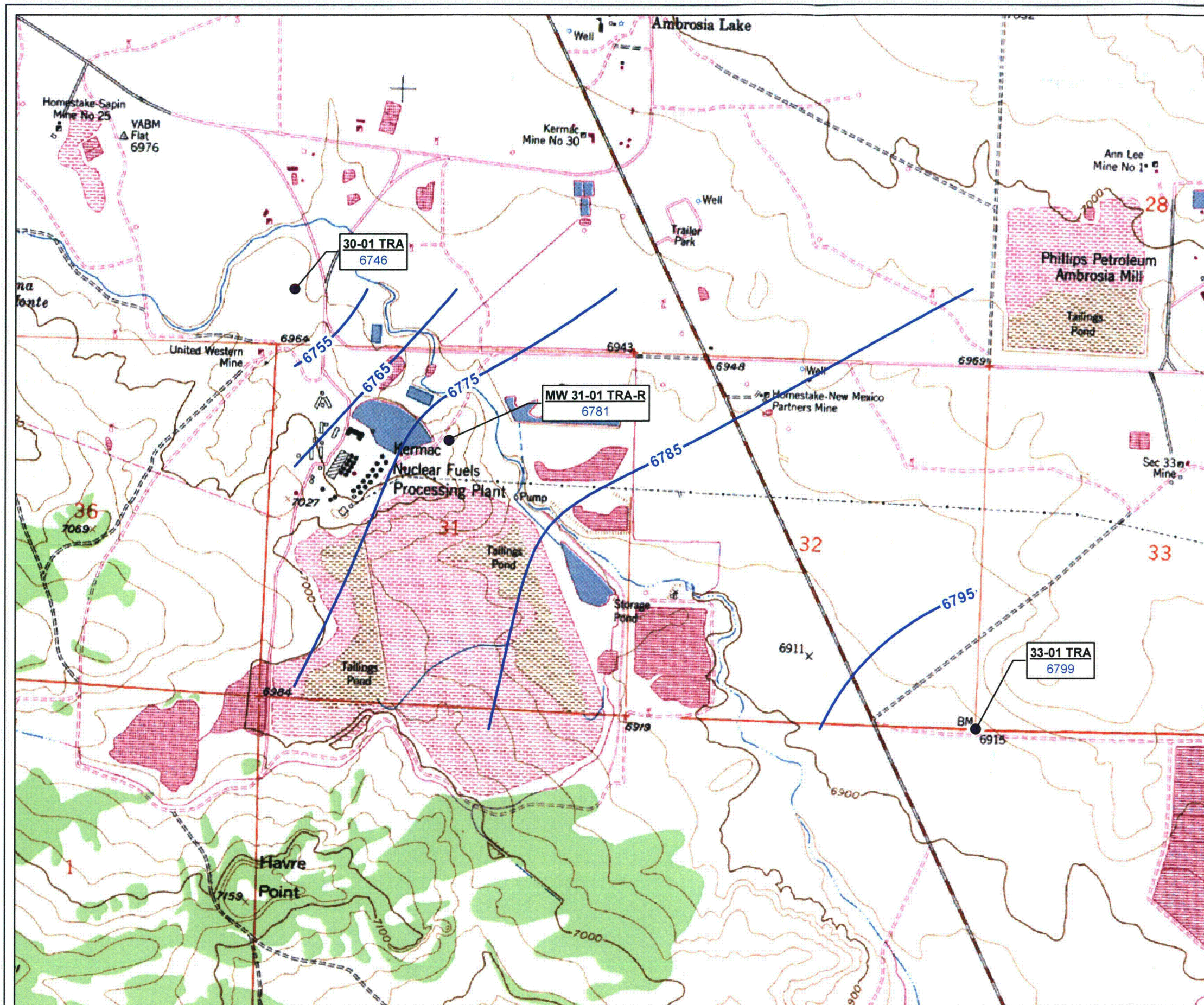
Groundwater Surface Elevation (ft amsl)

Gradient calculation:

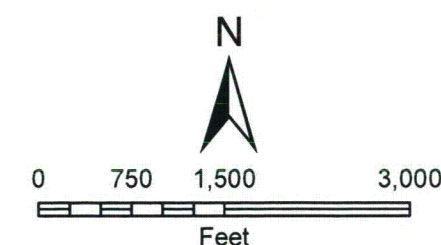
(Difference in Groundwater Elevation Between Point of Compliance Well 36-06 KD and Trend Well 30-02 KD = 6,841 - 6,640 = 201 feet) Divided by (Distance Along a Flow Path Between Point of Compliance Well 36-06 KD and Trend Well 32-02 KD = 6,000 feet)

= 0.034 feet per foot

1st Half 2014 Dakota Potentiometric
Surface Elevation Iso-Contours
Rio Algom DP-169 ACL
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INTERA



USGS 7.5 Minute Topographic Maps:
Ambrosia Lake Quadrangle, 1957/rev.1980;
Contour Interval 20 Feet

Legend

- TRA Monitoring Well Location
- TRA Potentiometric Surface
- Elevation Iso-Contours (ft amsl)

Well ID

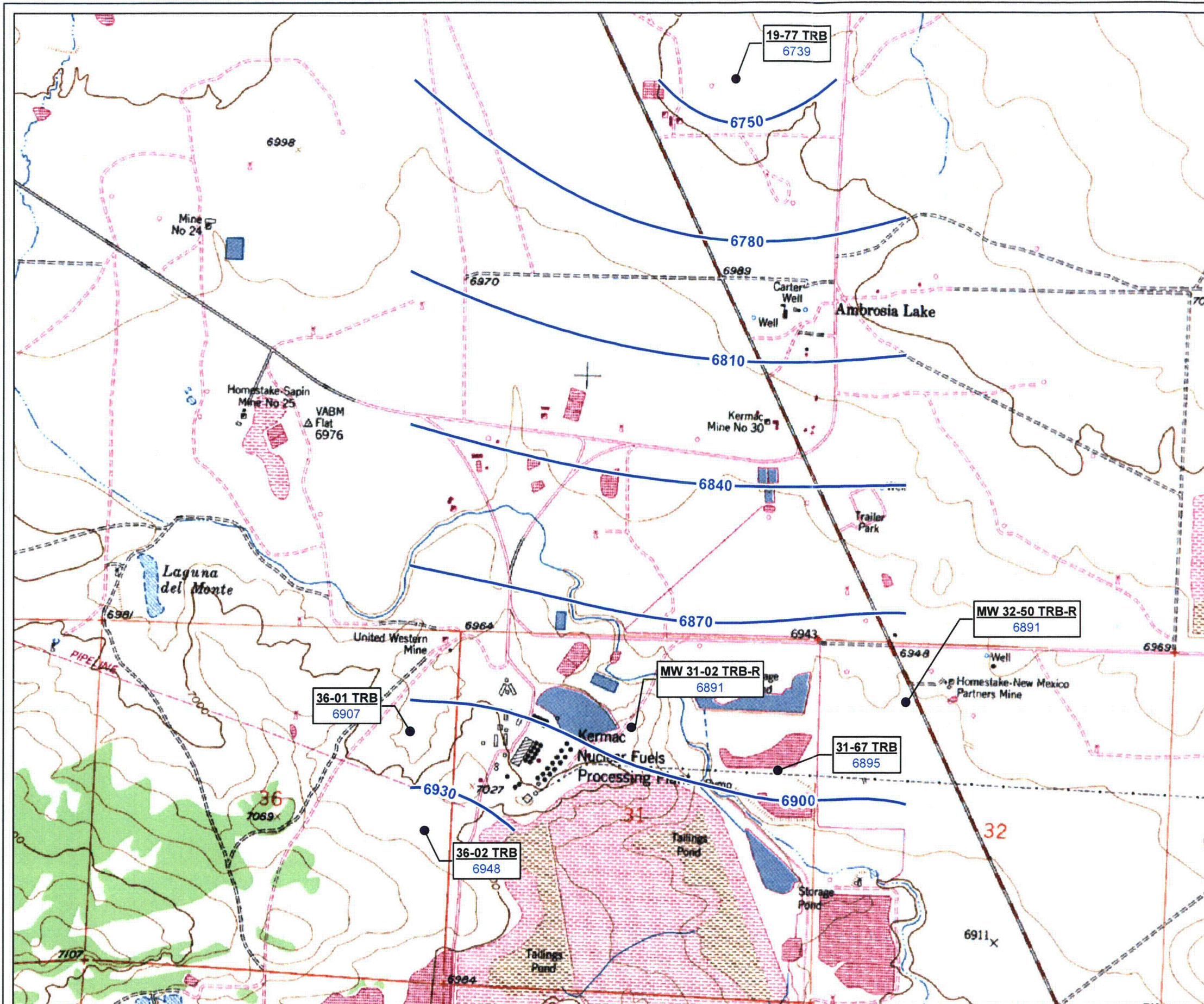
Groundwater Surface Elevation (ft amsl)

Gradient calculation:

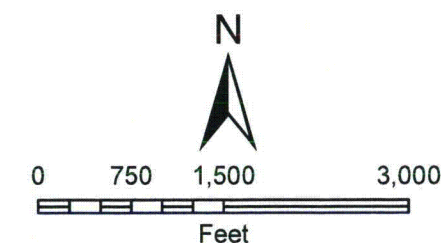
(Difference in Groundwater Elevation
Between Point of Compliance Well
MW 31-01 TRA-R and Trend Well
30-01 = 6,781 - 6,746 = 35 feet)
Divided by (Distance Along a Flow
Path Between Point of Compliance
Well MW 31-01 TRA-R and Trend
Well 30-01= 3,200 feet)

= 0.011 feet per foot

1st Half 2014 TRA Potentiometric
Surface Elevation Iso-Contours
Rio Algom DP-169 ACL
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INTERA



USGS 7.5 Minute Topographic Maps:
Ambrosia Lake Quadrangle, 1957/rev.1980;
Contour Interval 20 Feet

Legend

- TRB Monitoring Well Location
- TRB Potentiometric Surface Elevations (ft amsl)

Well ID

Groundwater Surface Elevation (ft amsl)

Gradient calculation:
(Difference in Groundwater Elevation Between Point of Compliance Well MW 31-02 TRB-R and far downgradient Well 19-77 = 6,891 - 6,739 = 152 feet) Divided by (Distance Along a Flow Path Between Point of Compliance Well MW 31-02 TRB-R and far downgradient Well 19-77 = 9,677 feet)

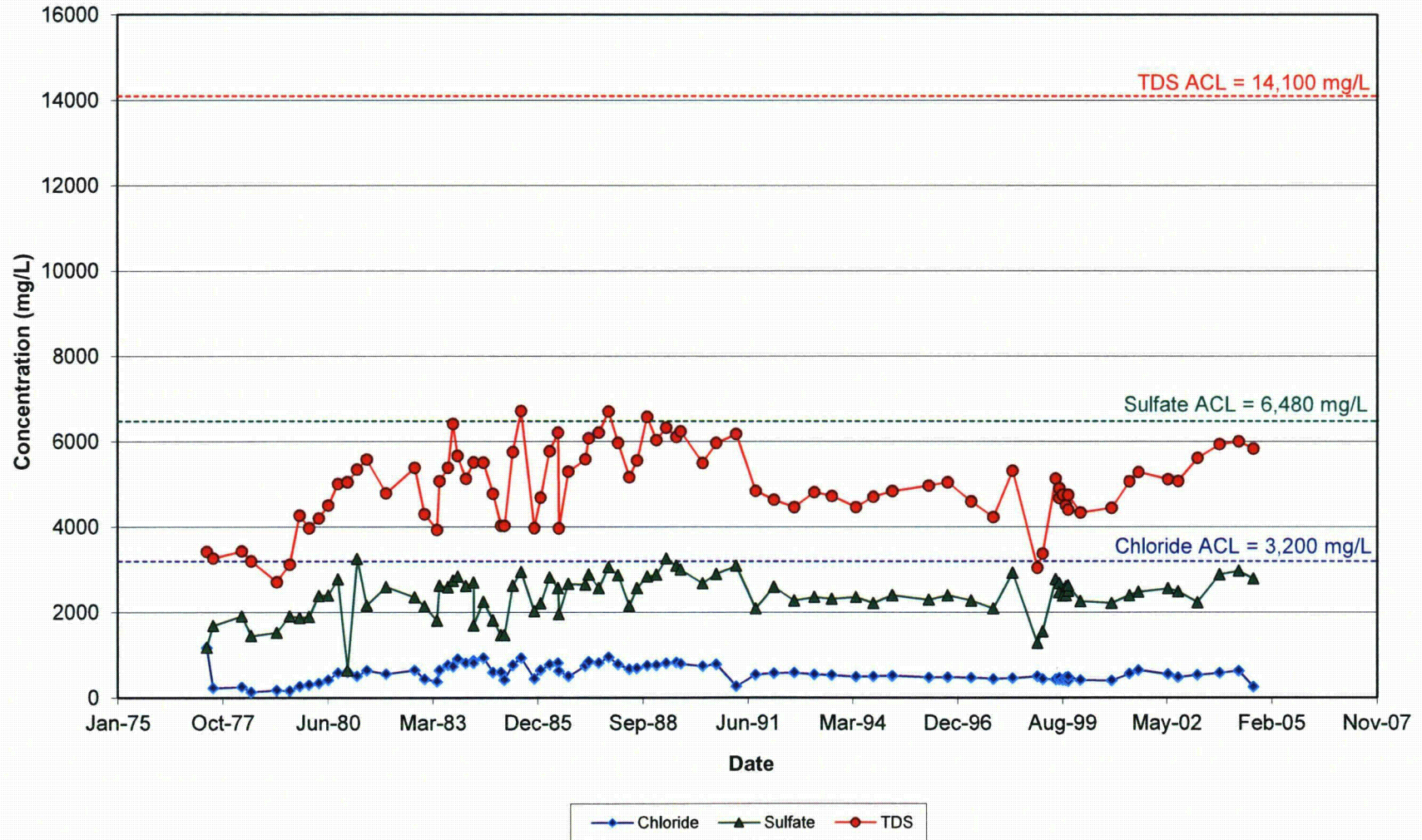
= 0.016 feet per foot

1st Half 2014 TRB Potentiometric
Surface Elevation Iso-Contours
Rio Algom DP-169 ACL
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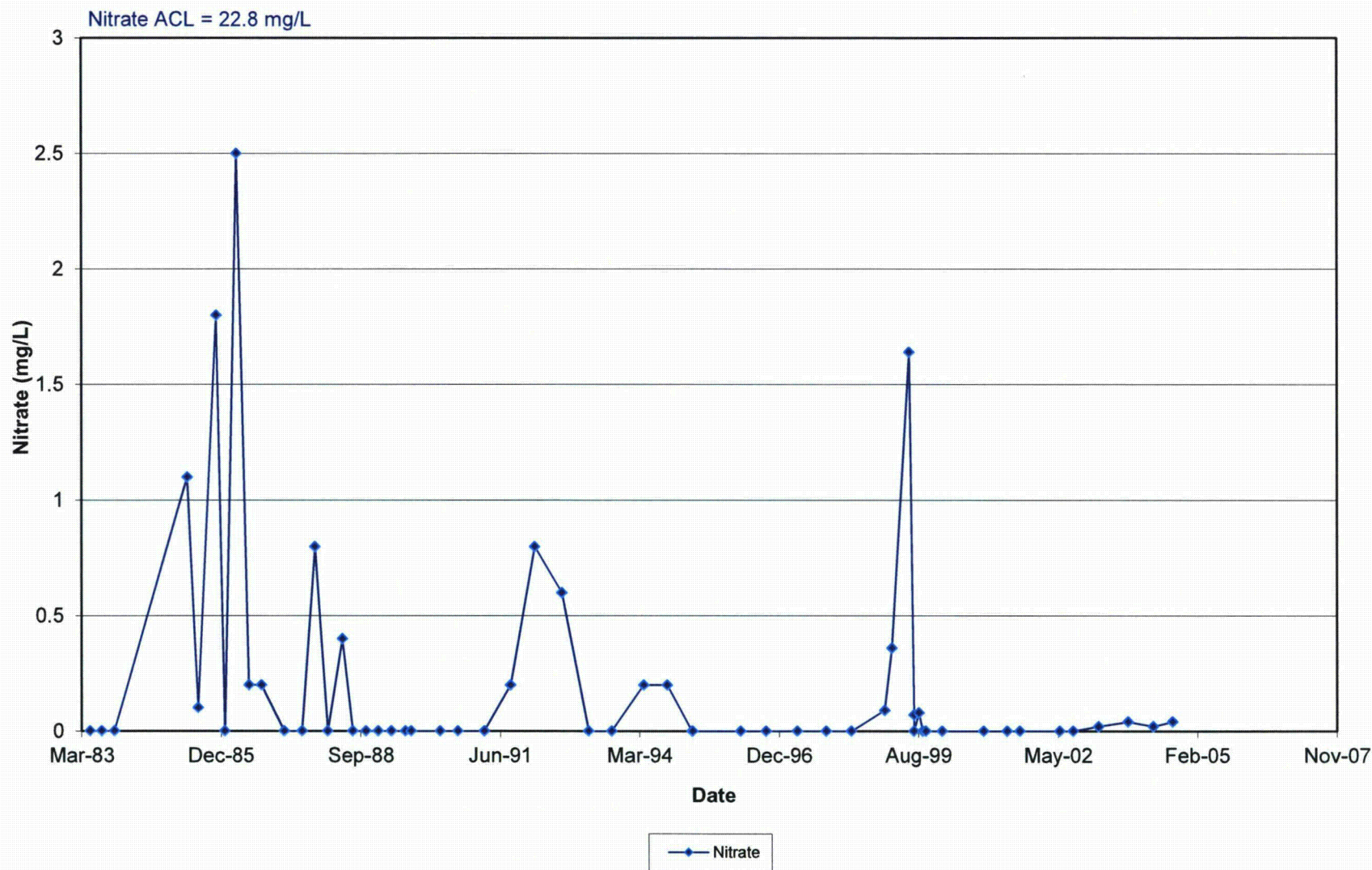
APPENDIX 5

Stability Monitoring Plan
Time Versus Concentration Plots
Discontinued Wells

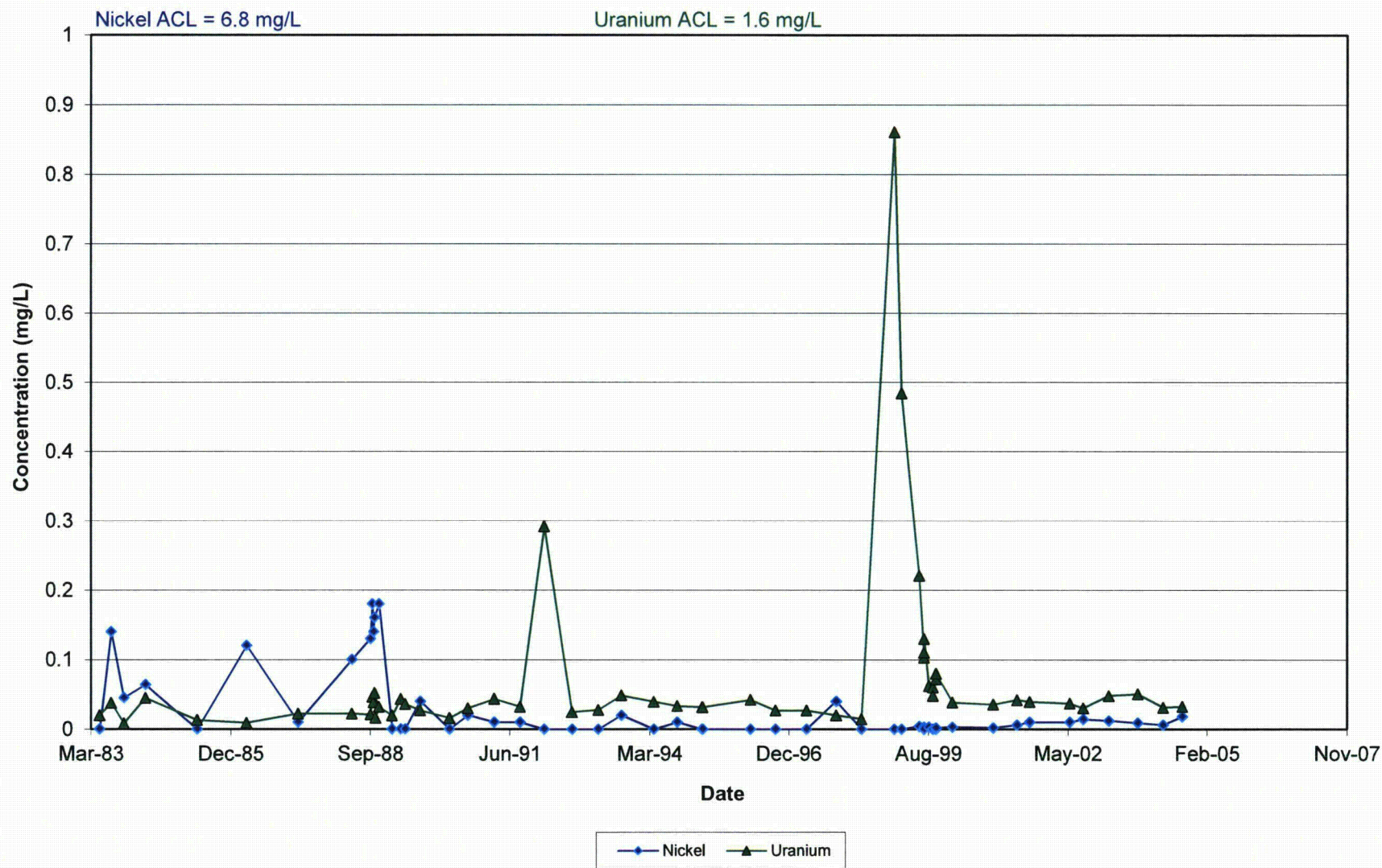
Anions and TDS in Monitoring Well 30-48KD



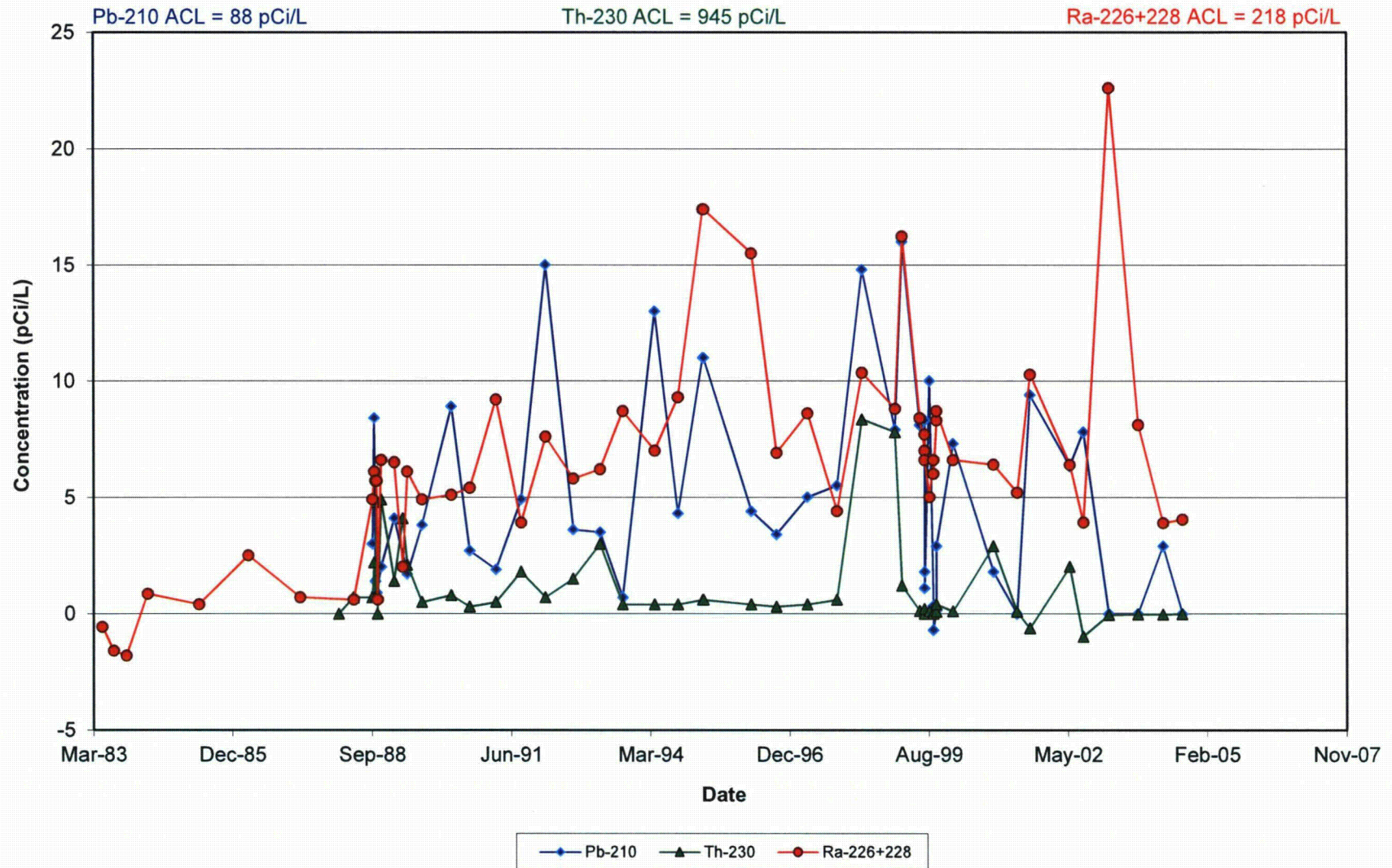
Nitrate in Monitoring Well 30-48KD



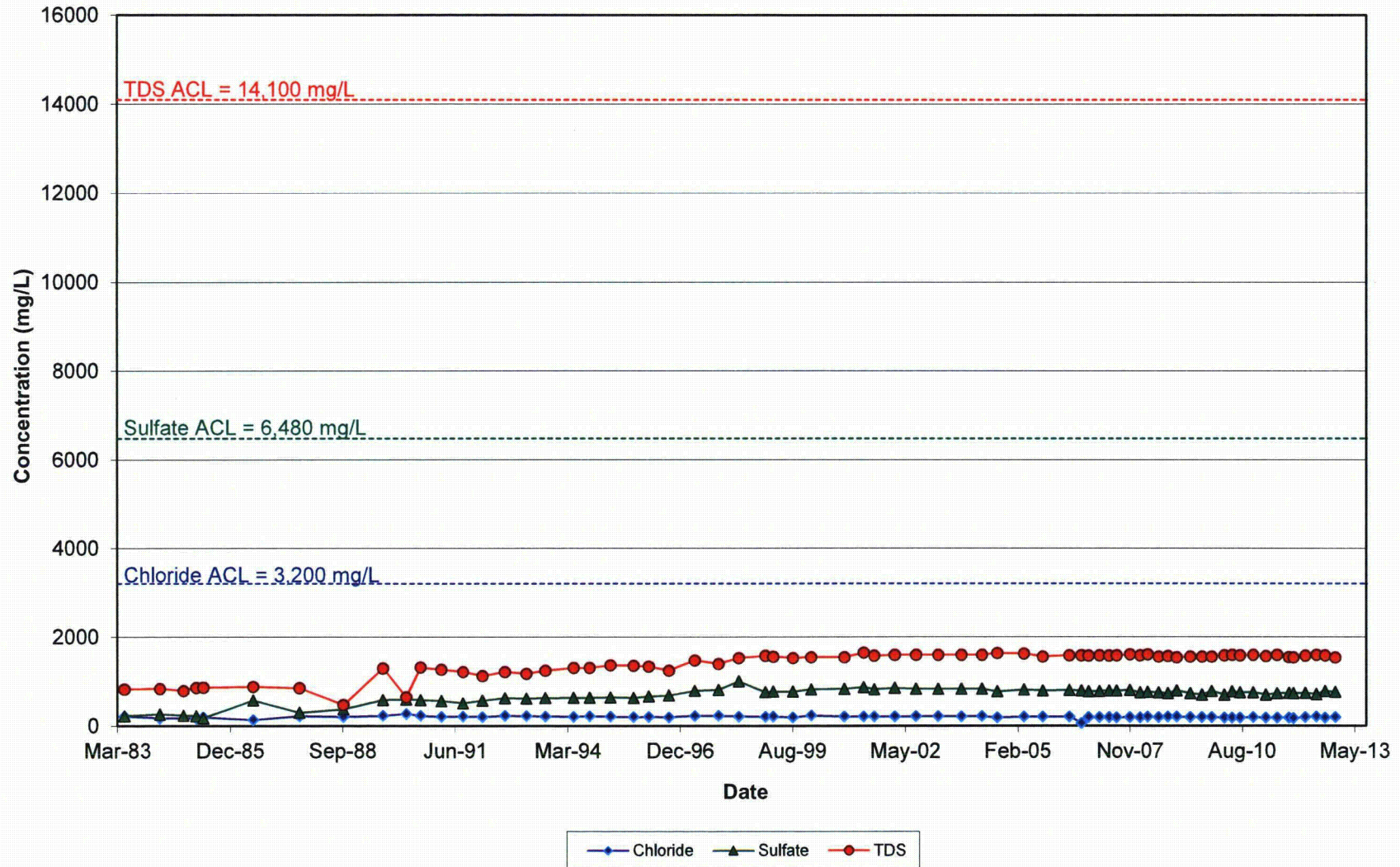
Metals in Monitoring Well 30-48KD



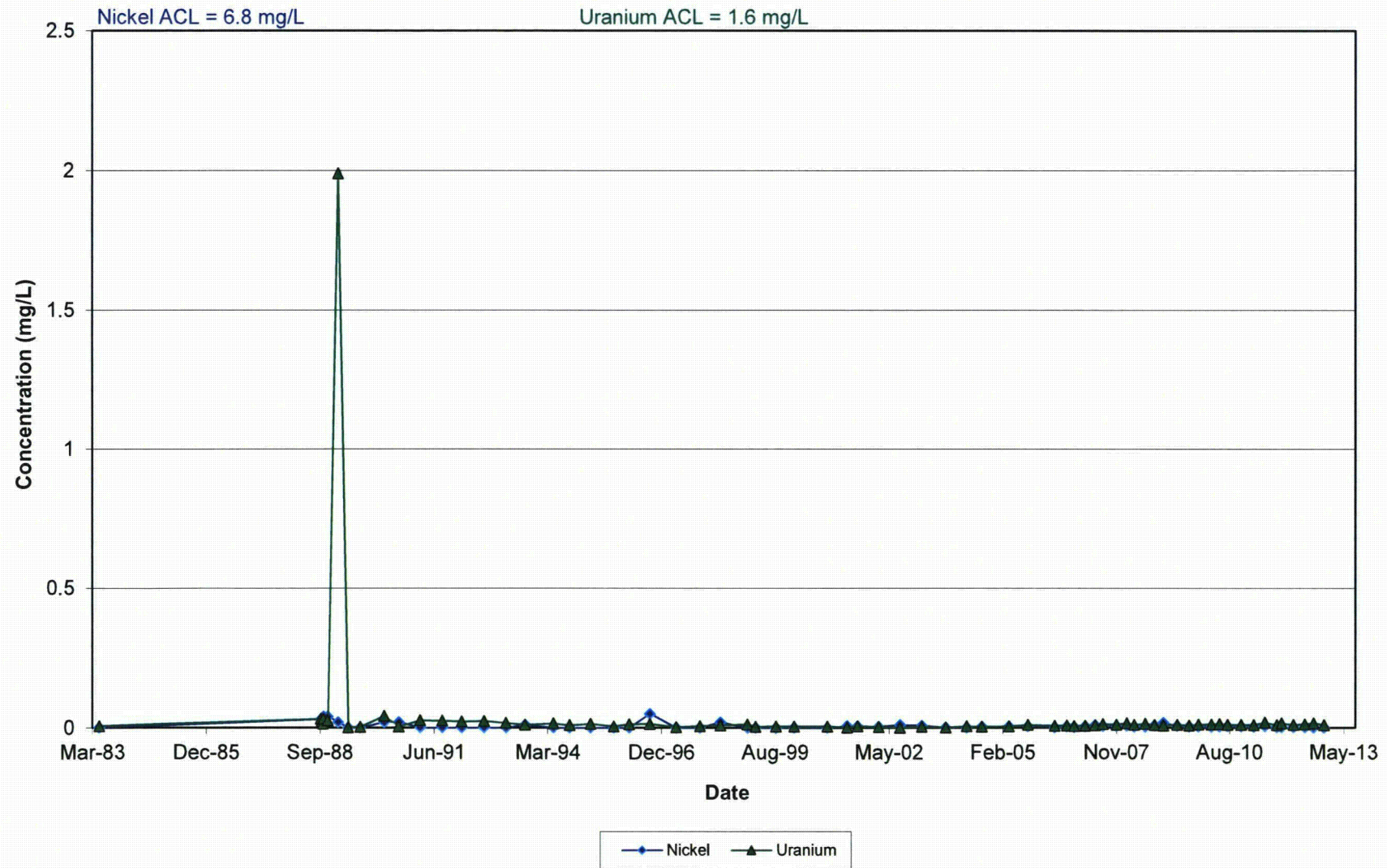
Radionuclides in Monitoring Well 30-48 KD



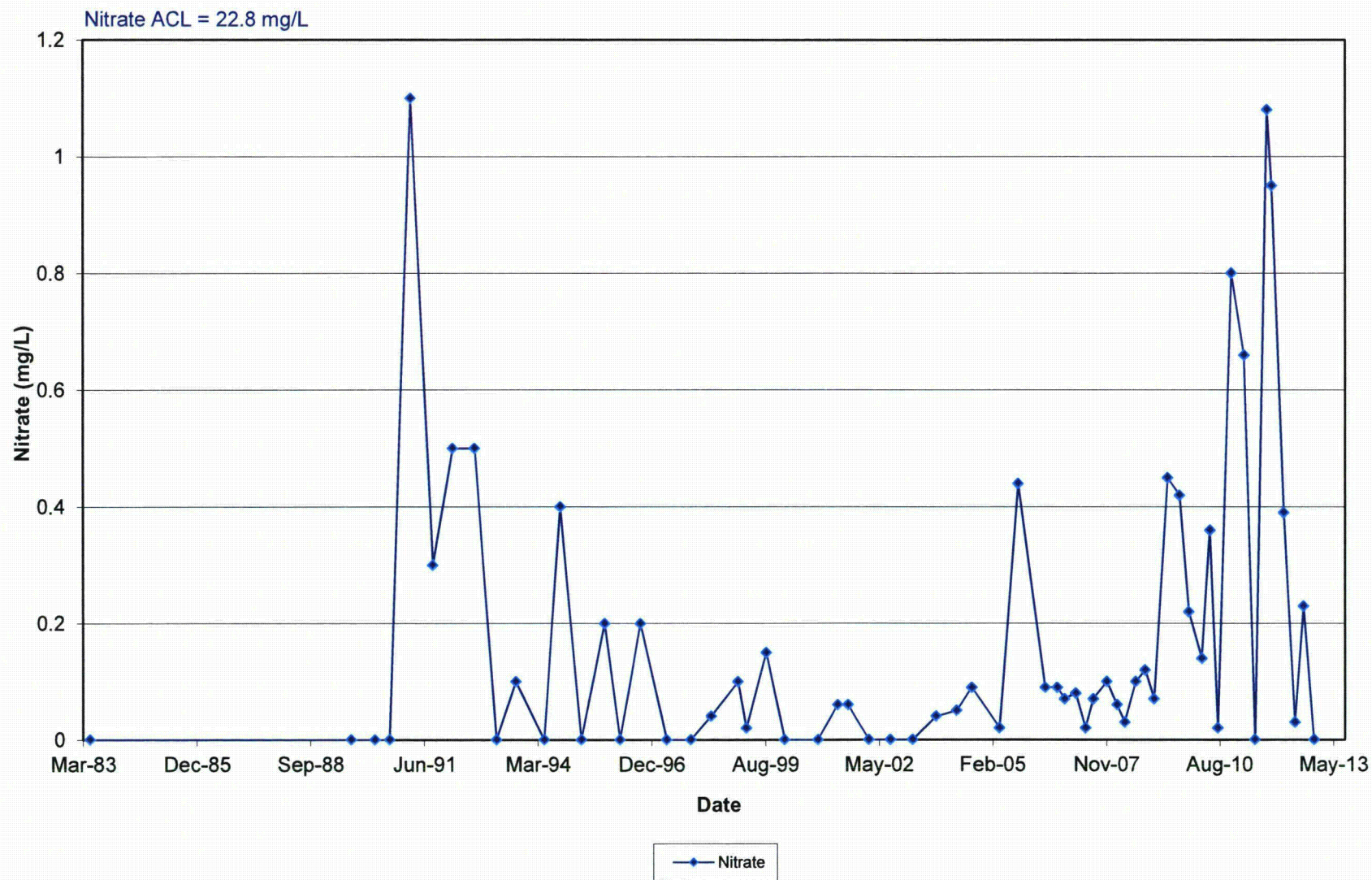
Anions and TDS in Monitoring Well 32-45KD



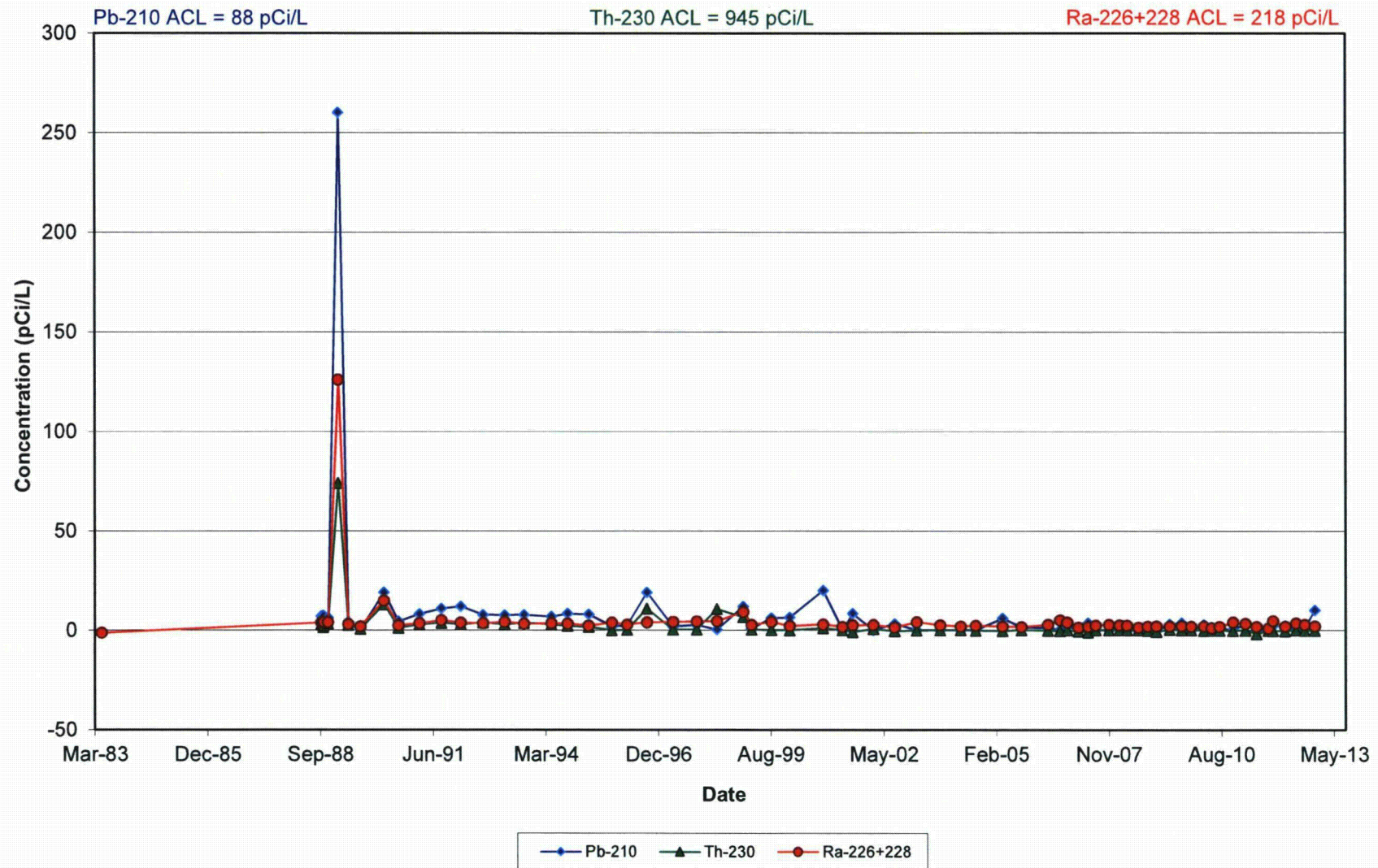
Metals in Monitoring Well 32-45KD



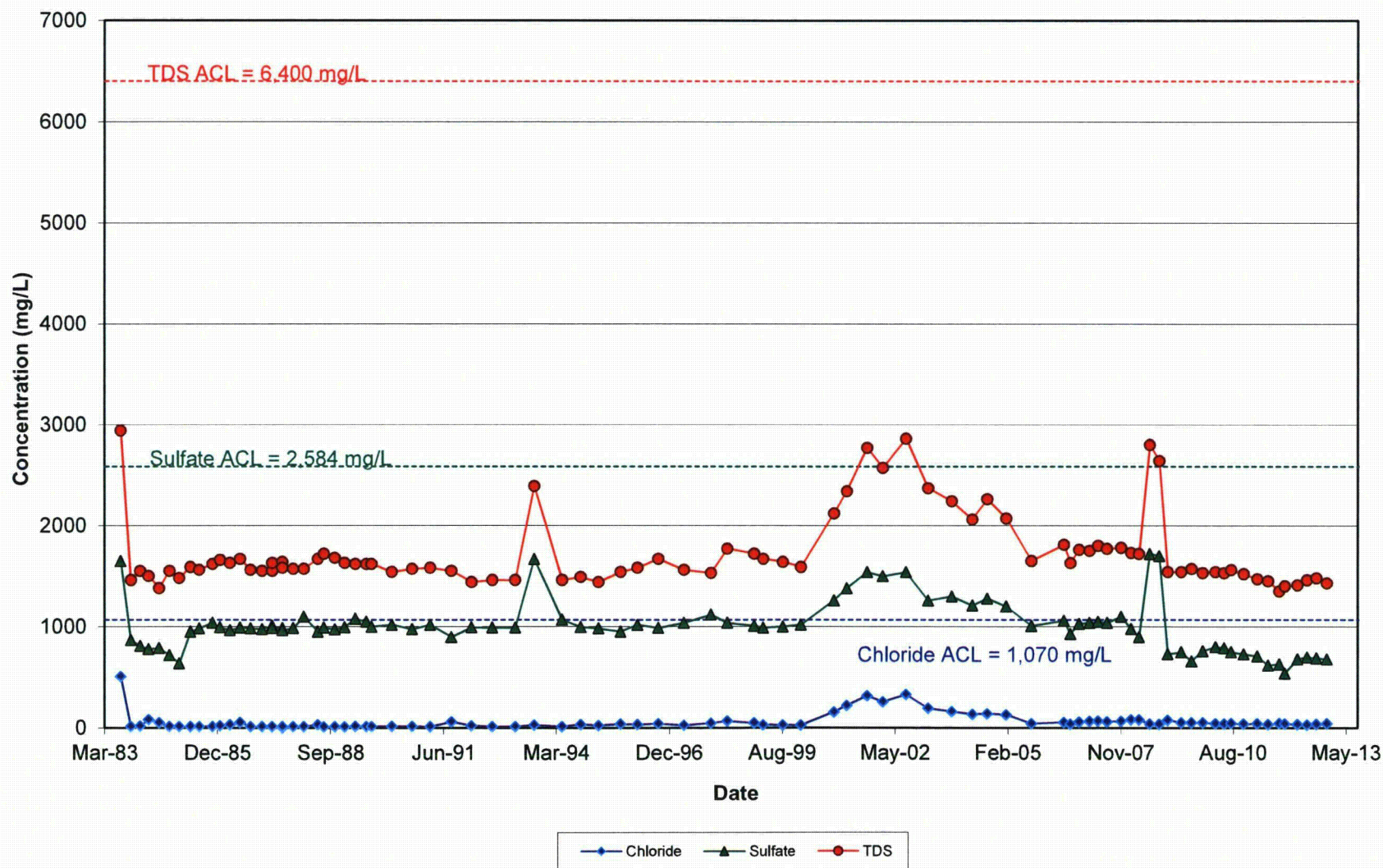
Nitrate in Monitoring Well 32-45KD



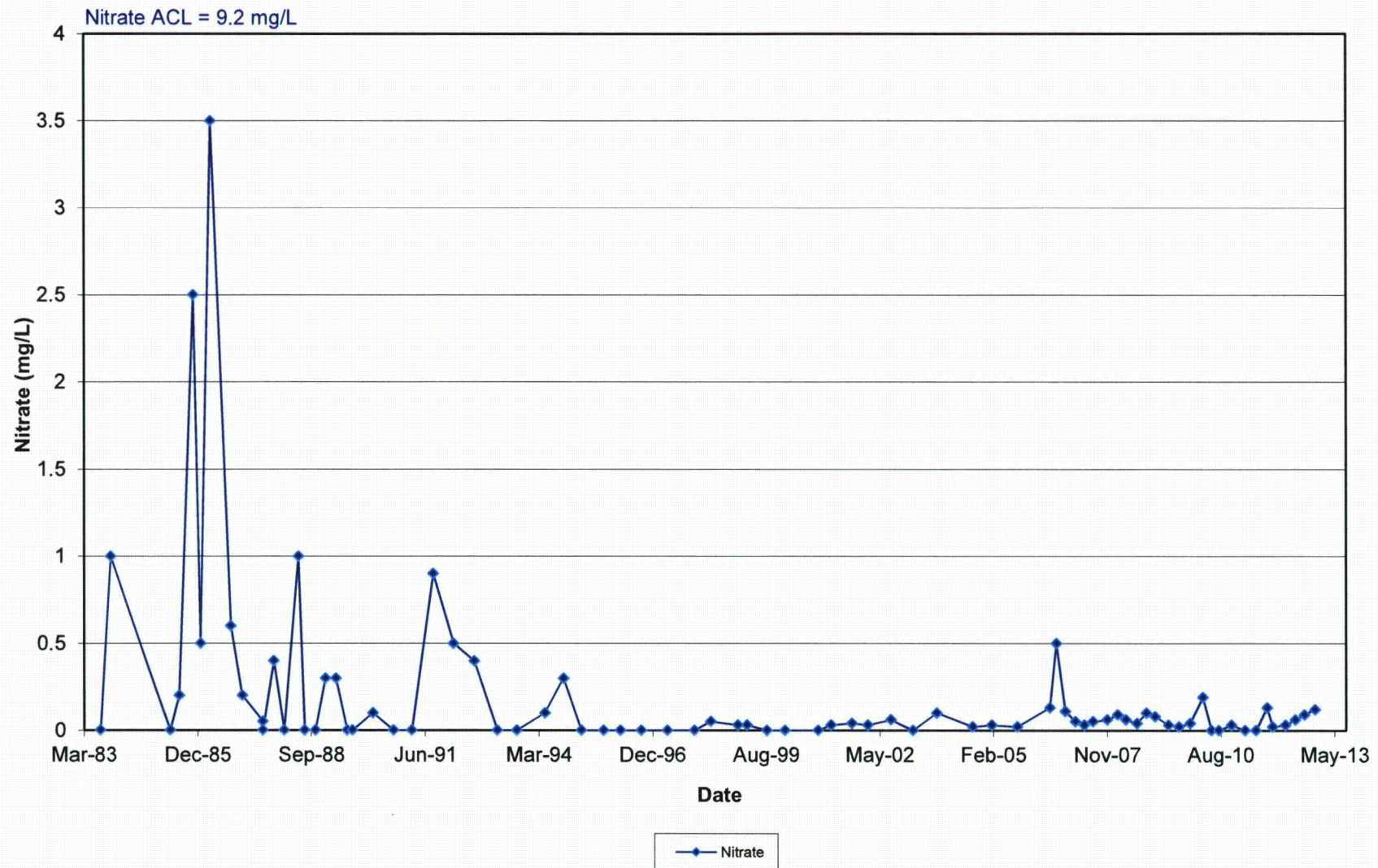
Radionuclides in Monitoring Well 32-45KD



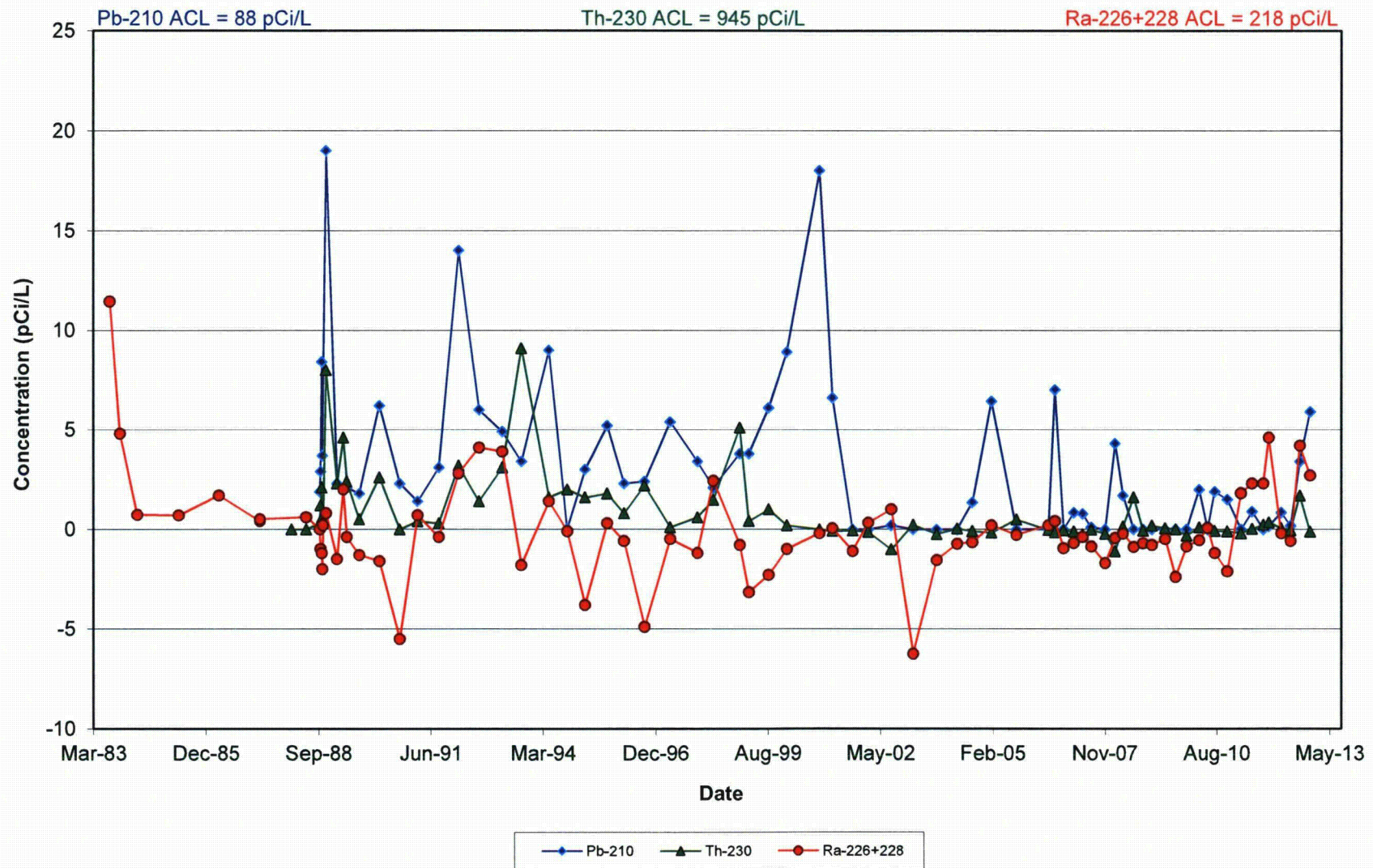
Anions and TDS in Monitoring Well 31-01 TRA



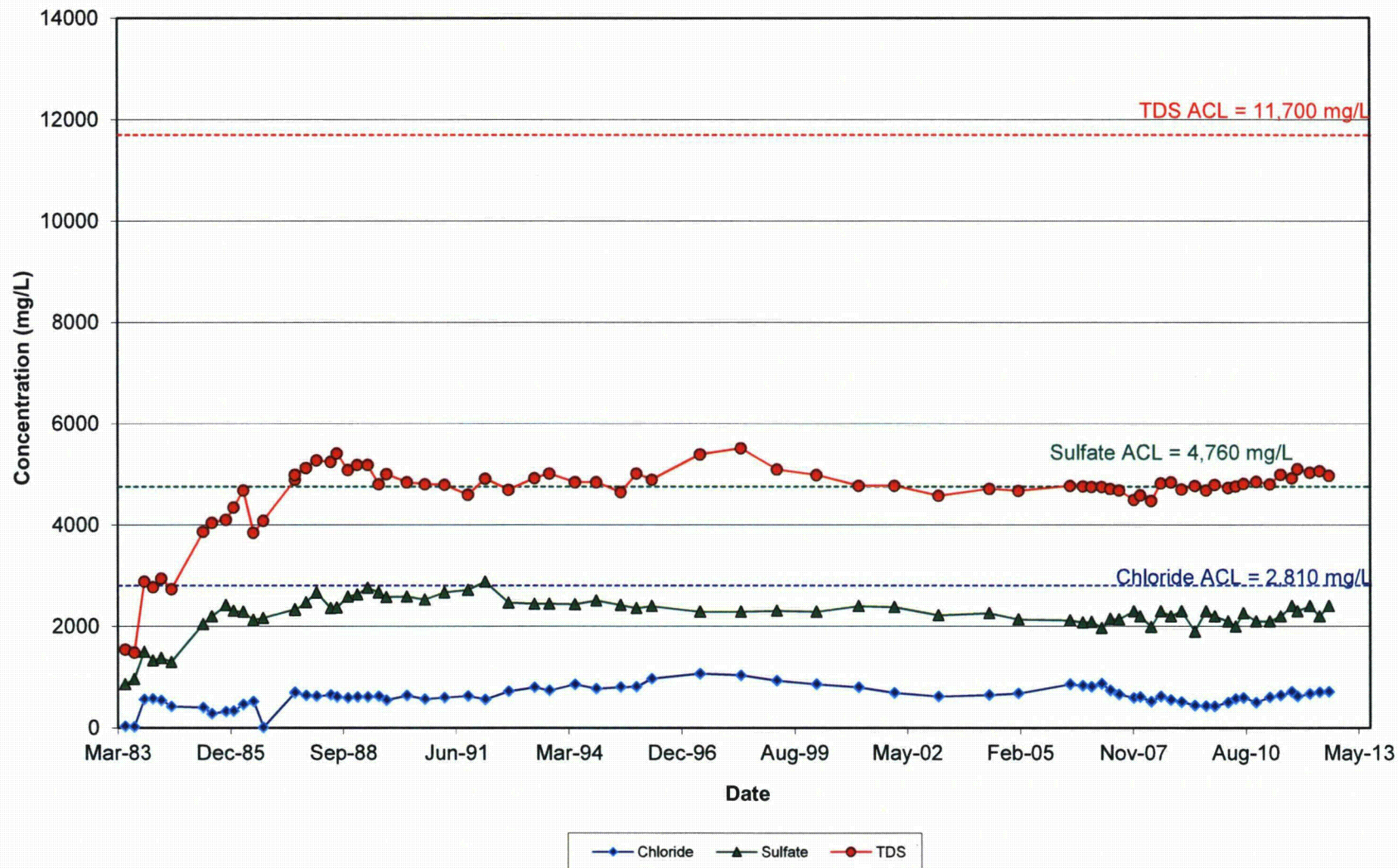
Nitrate in Monitoring Well 31-01 TRA



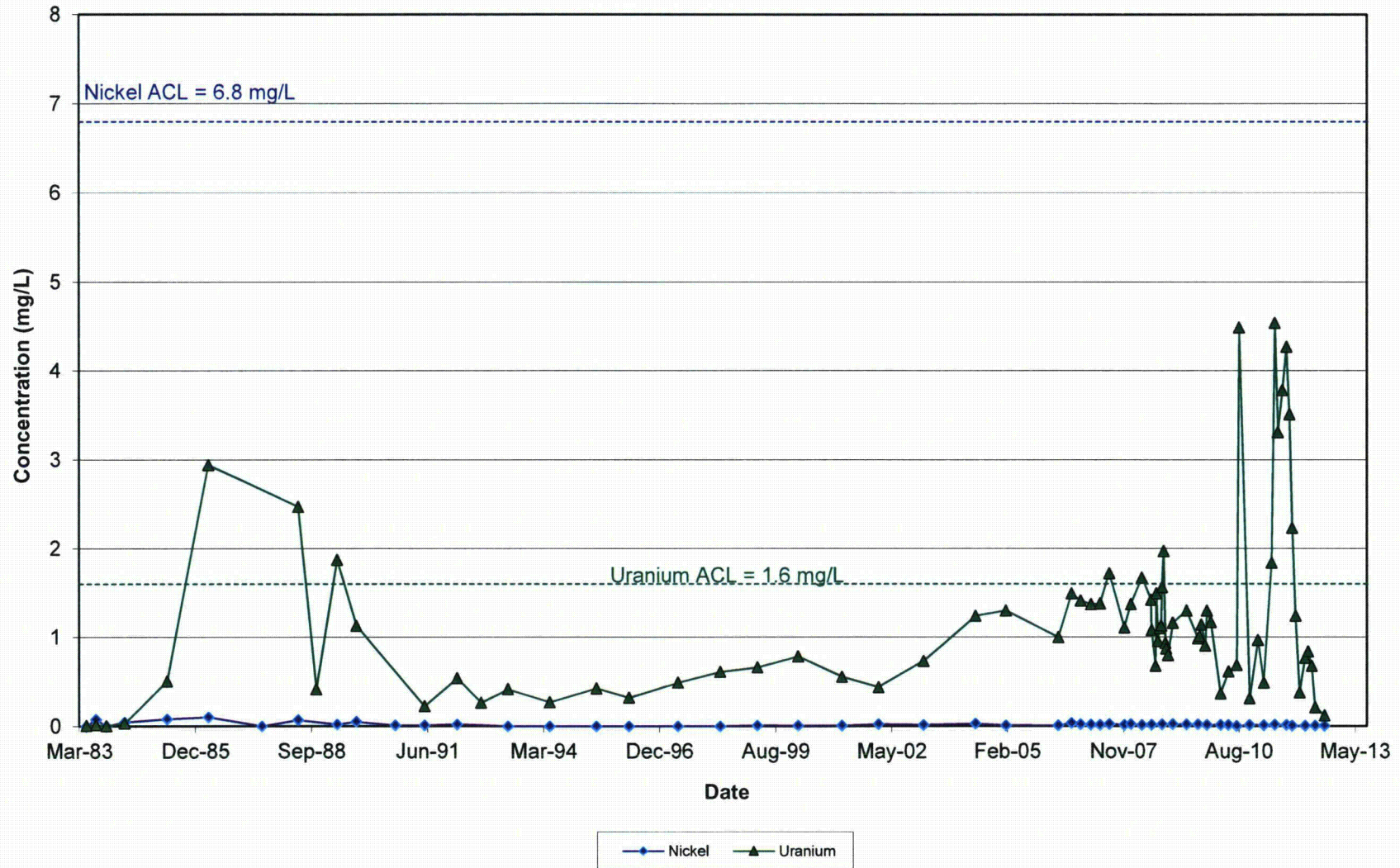
Radionuclides in Well 31-01TRA



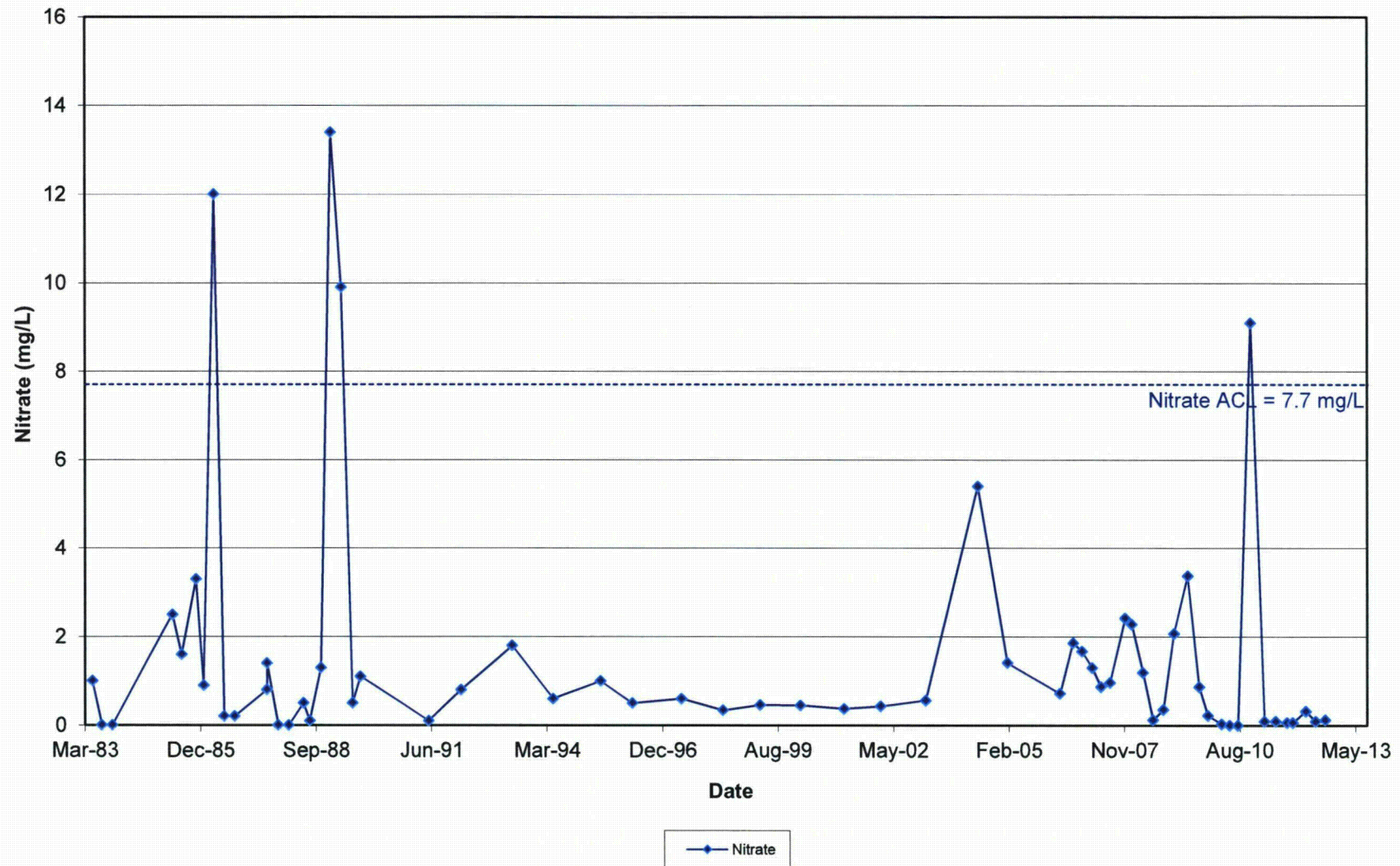
Anions and TDS in Monitoring Well 31-02



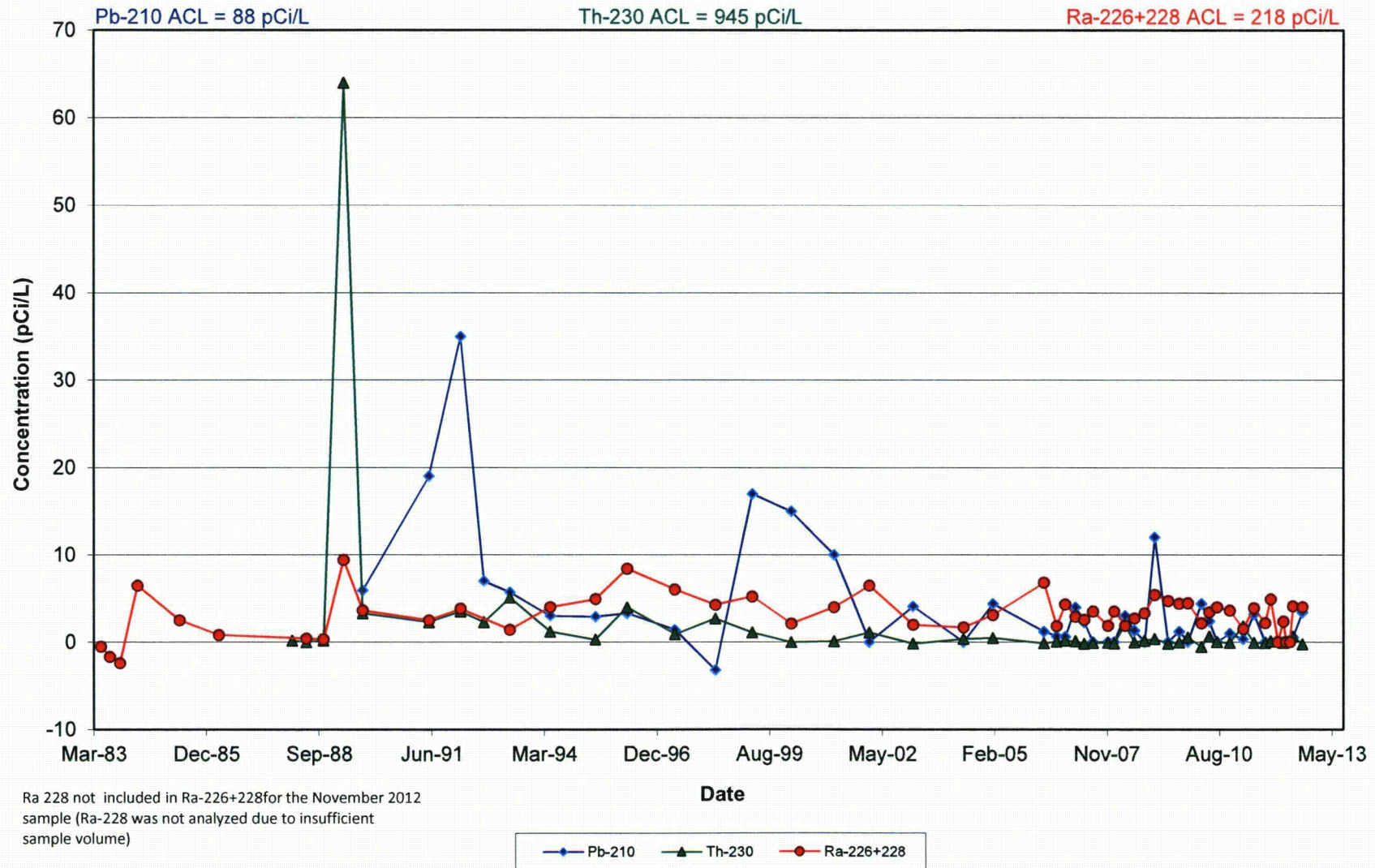
Metals in Monitoring Well 31-02



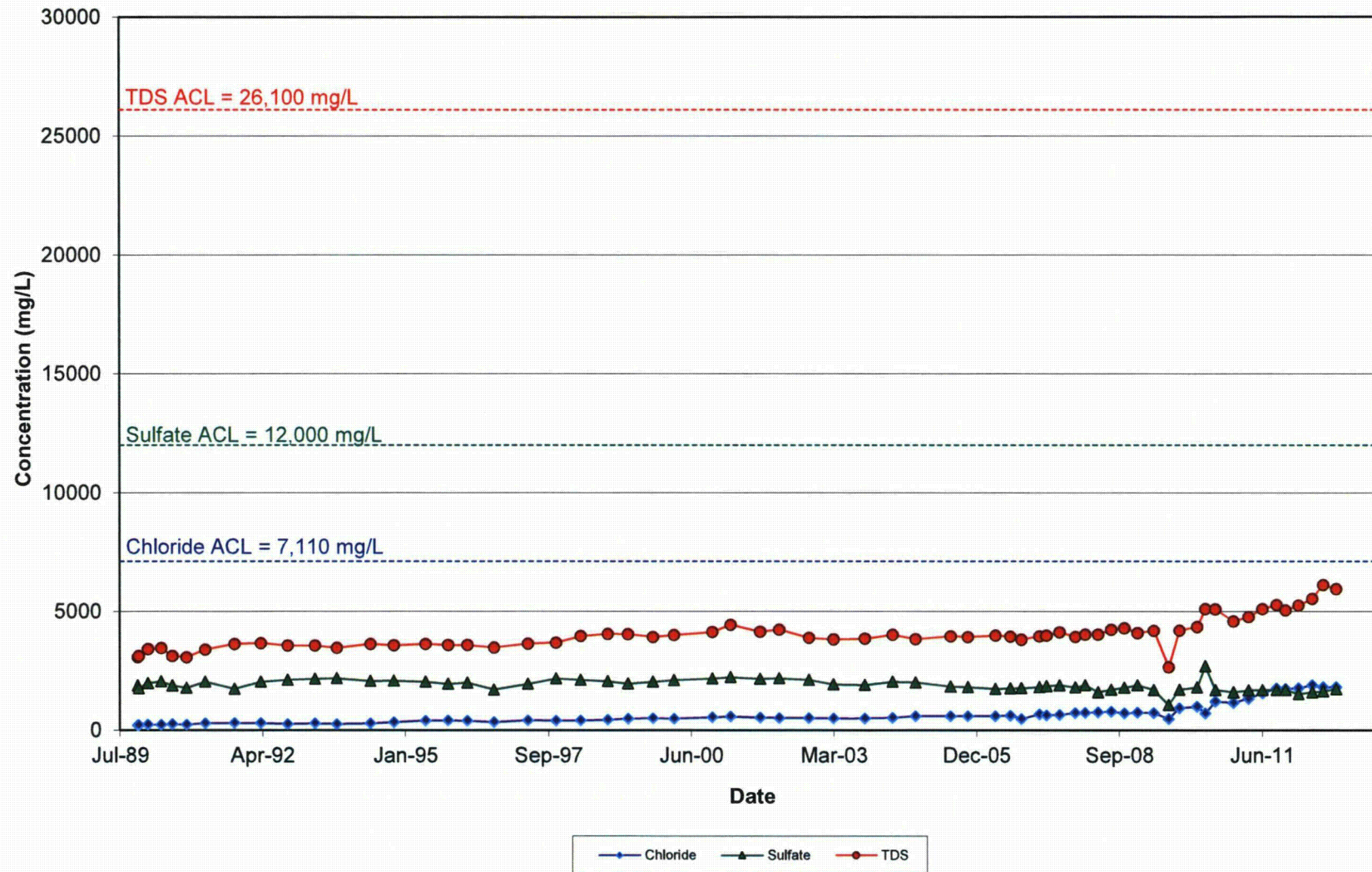
Nitrate in Monitoring Well 31-02



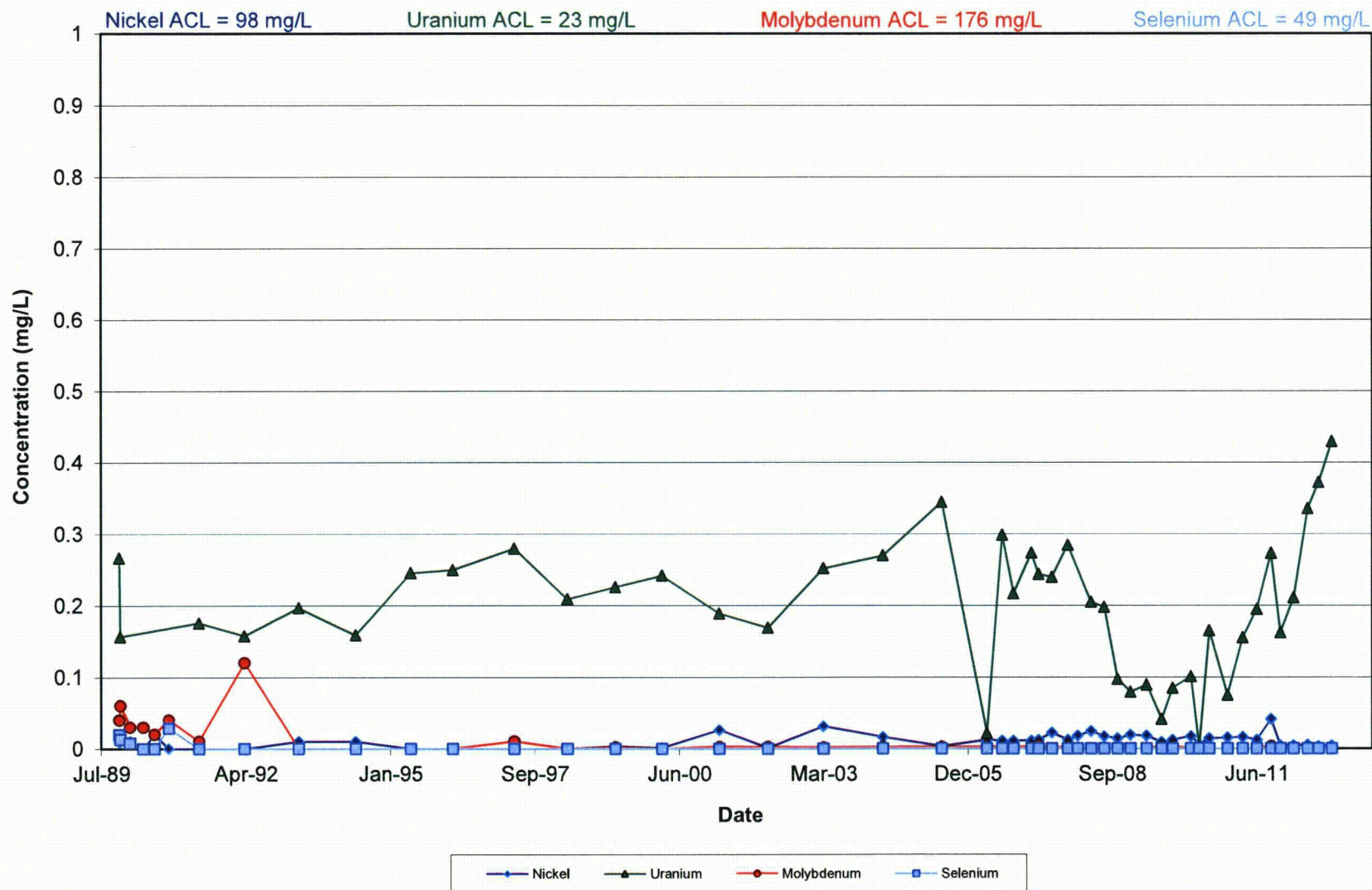
Radionuclides in Monitoring Well 31-02



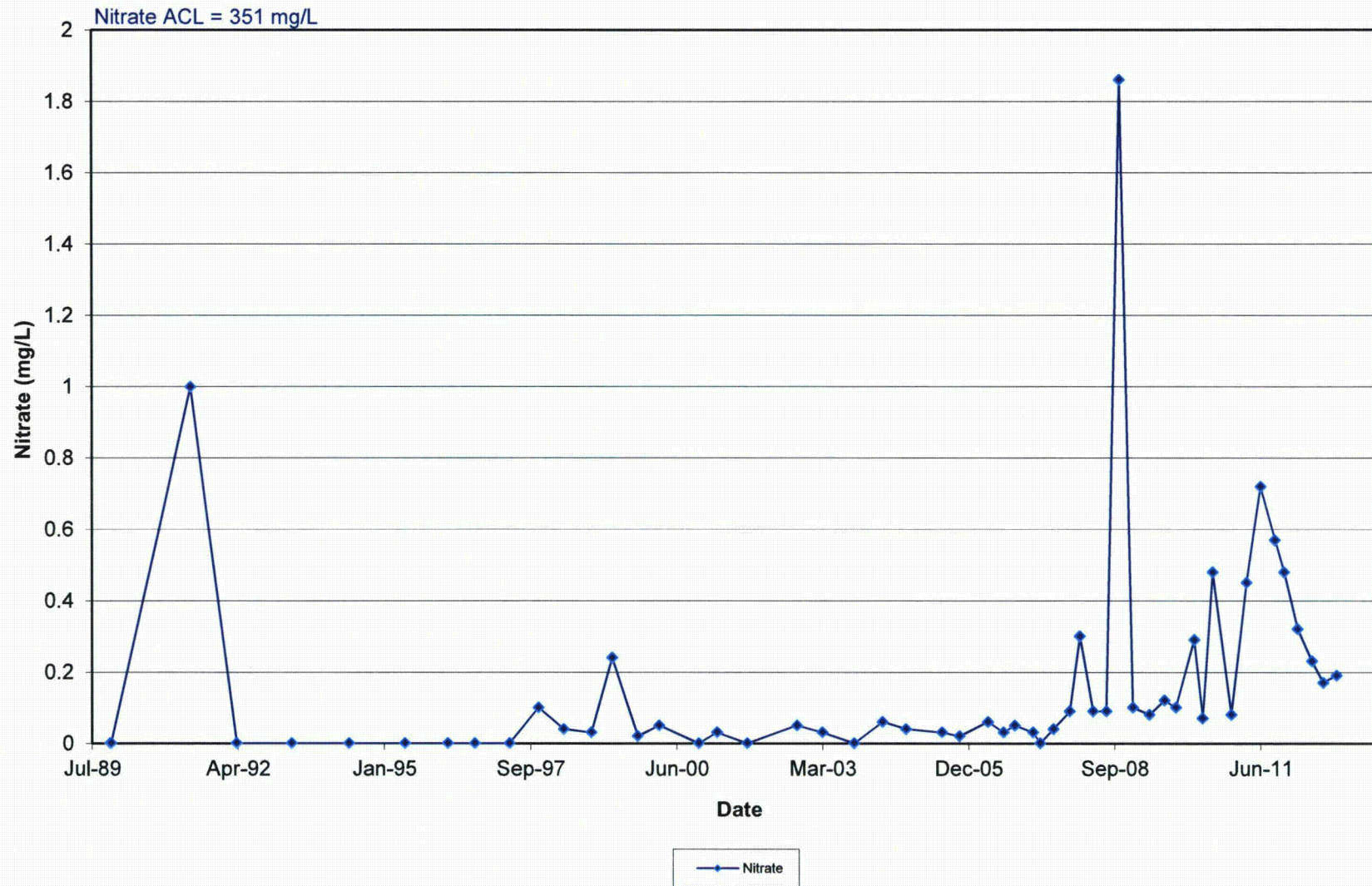
Anions and TDS in Monitoring Well 5-73



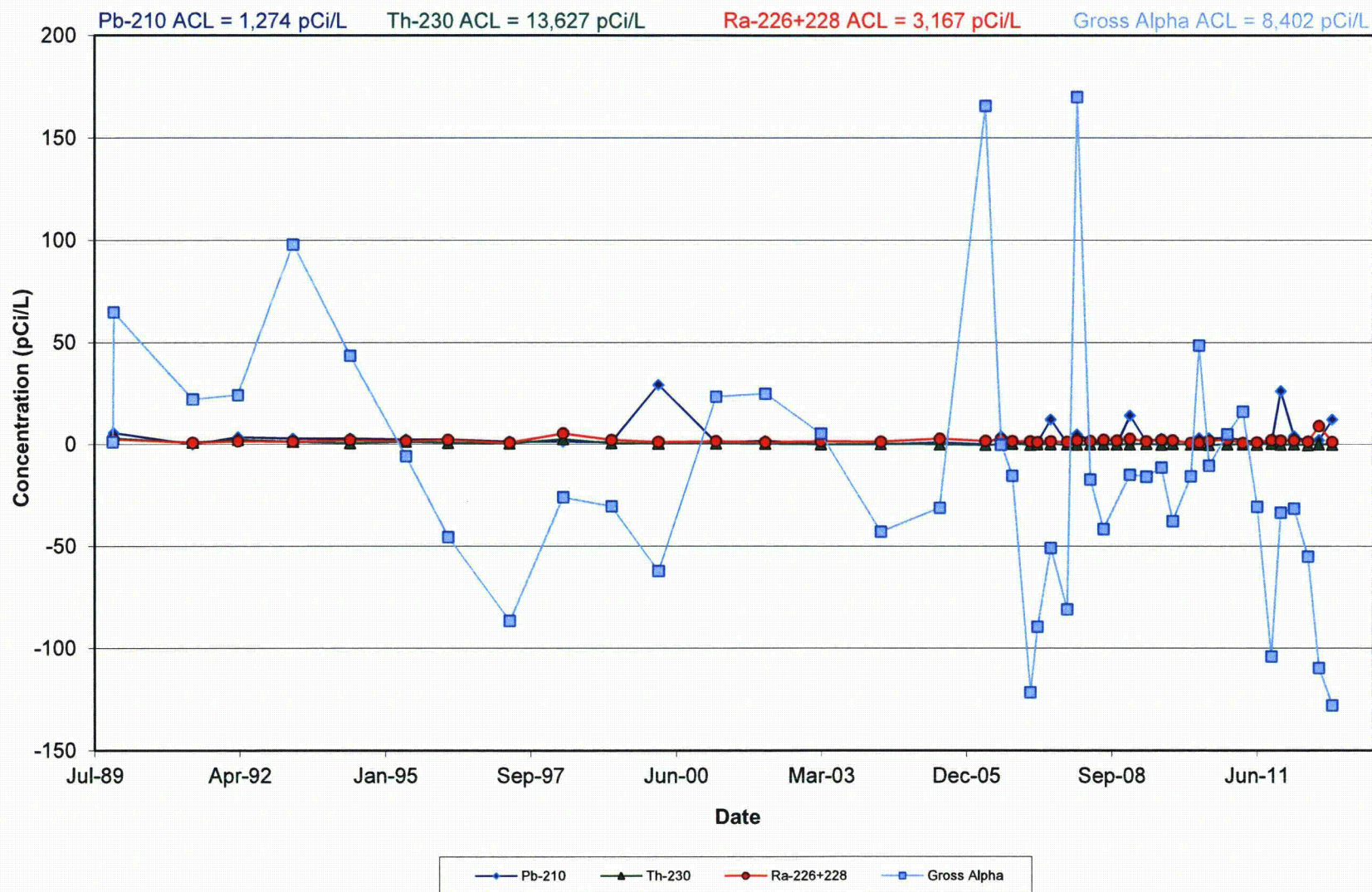
Metals in Monitoring Well 5-73



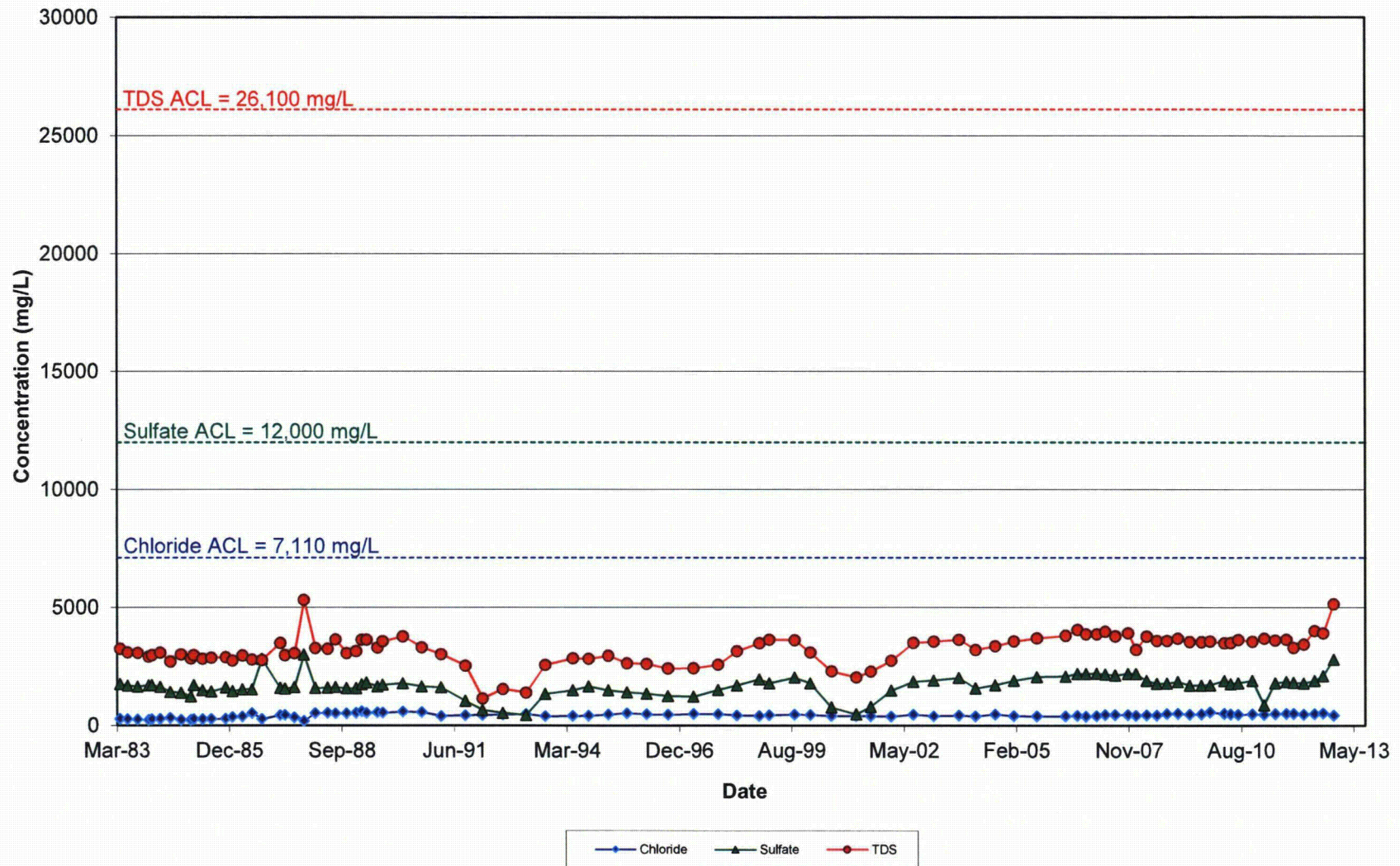
Nitrate in Monitoring Well 5-73



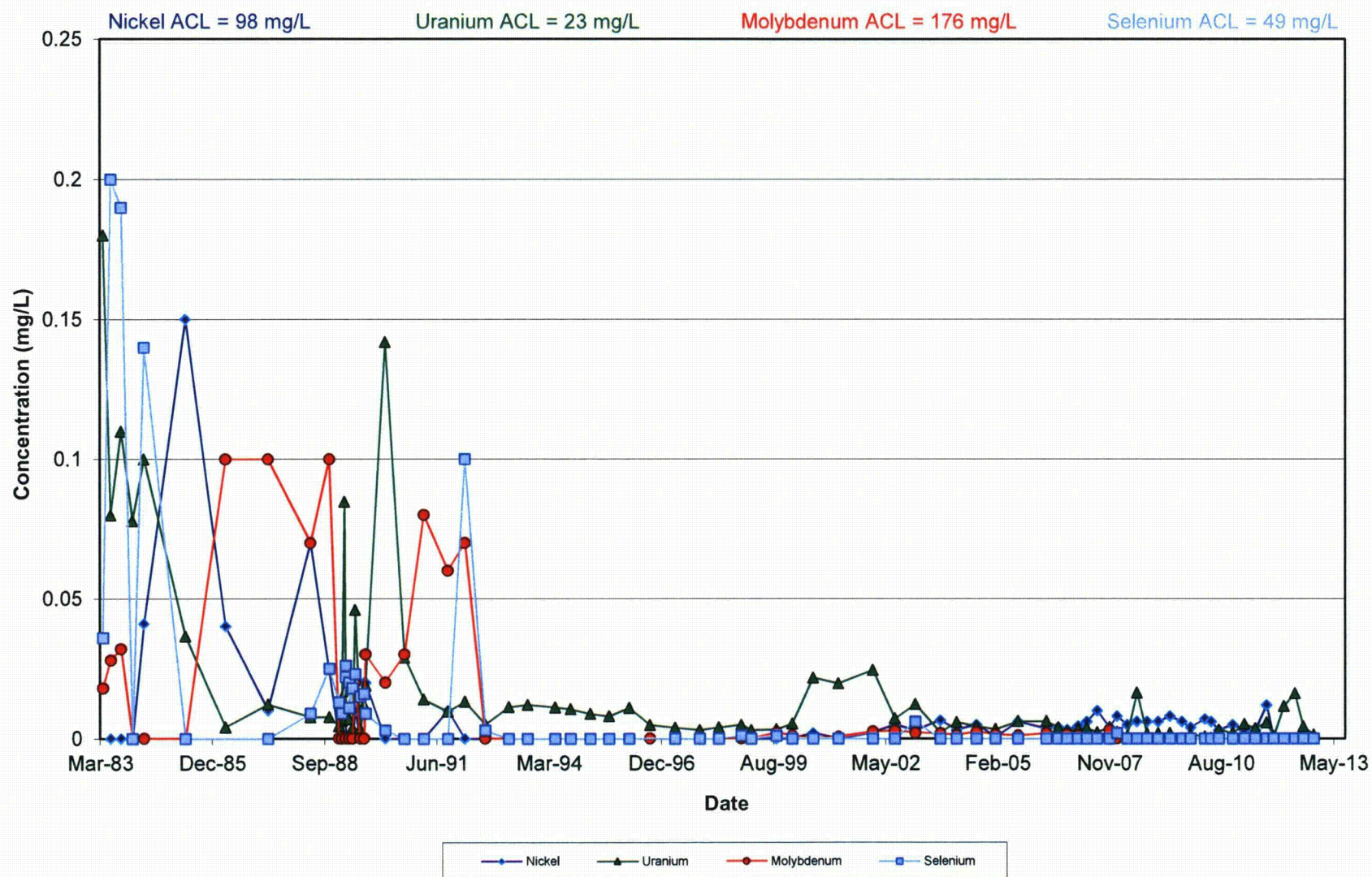
Radionuclides in Monitoring Well 5-73



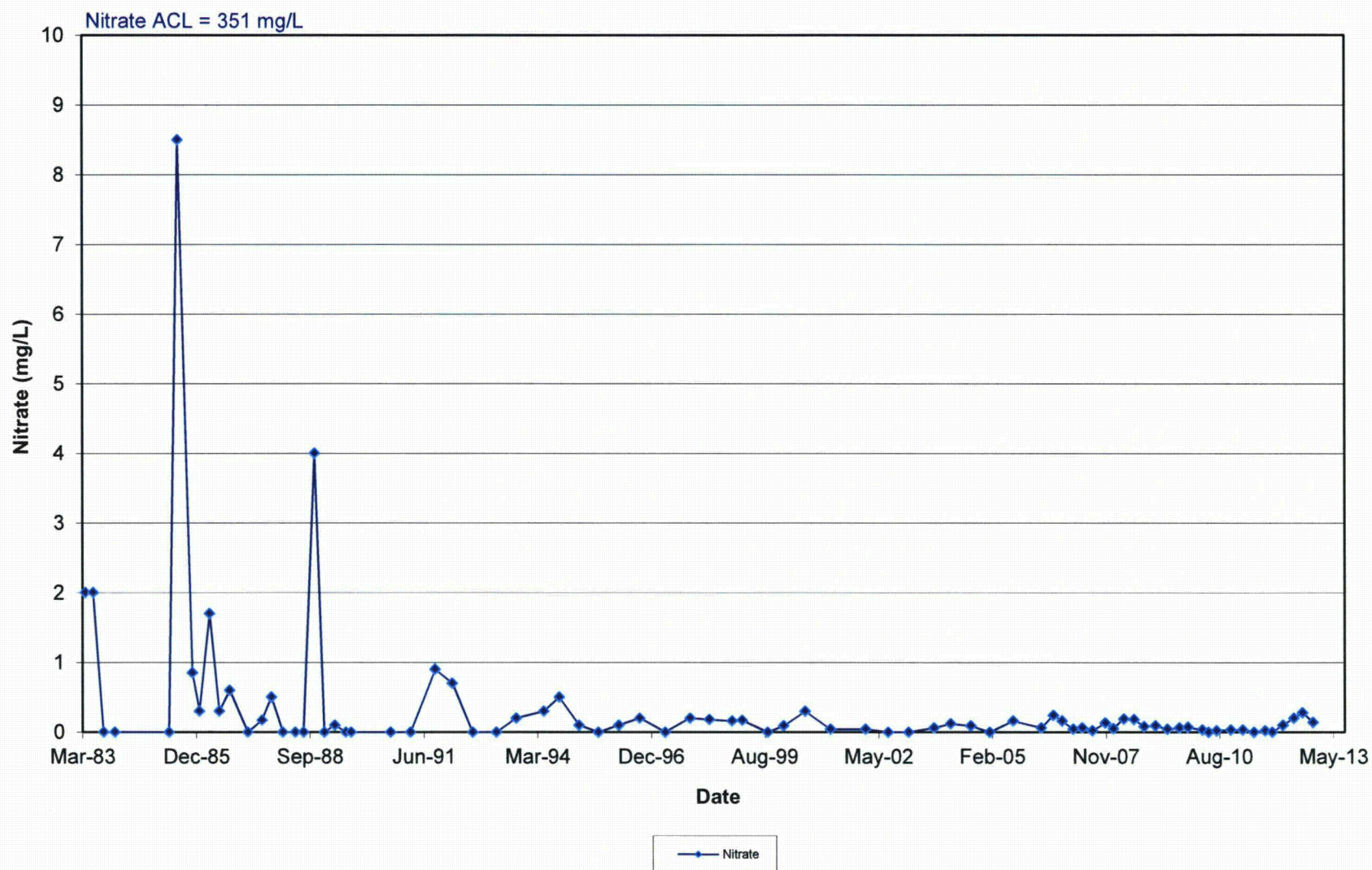
Anions and TDS in Monitoring Well 5-03



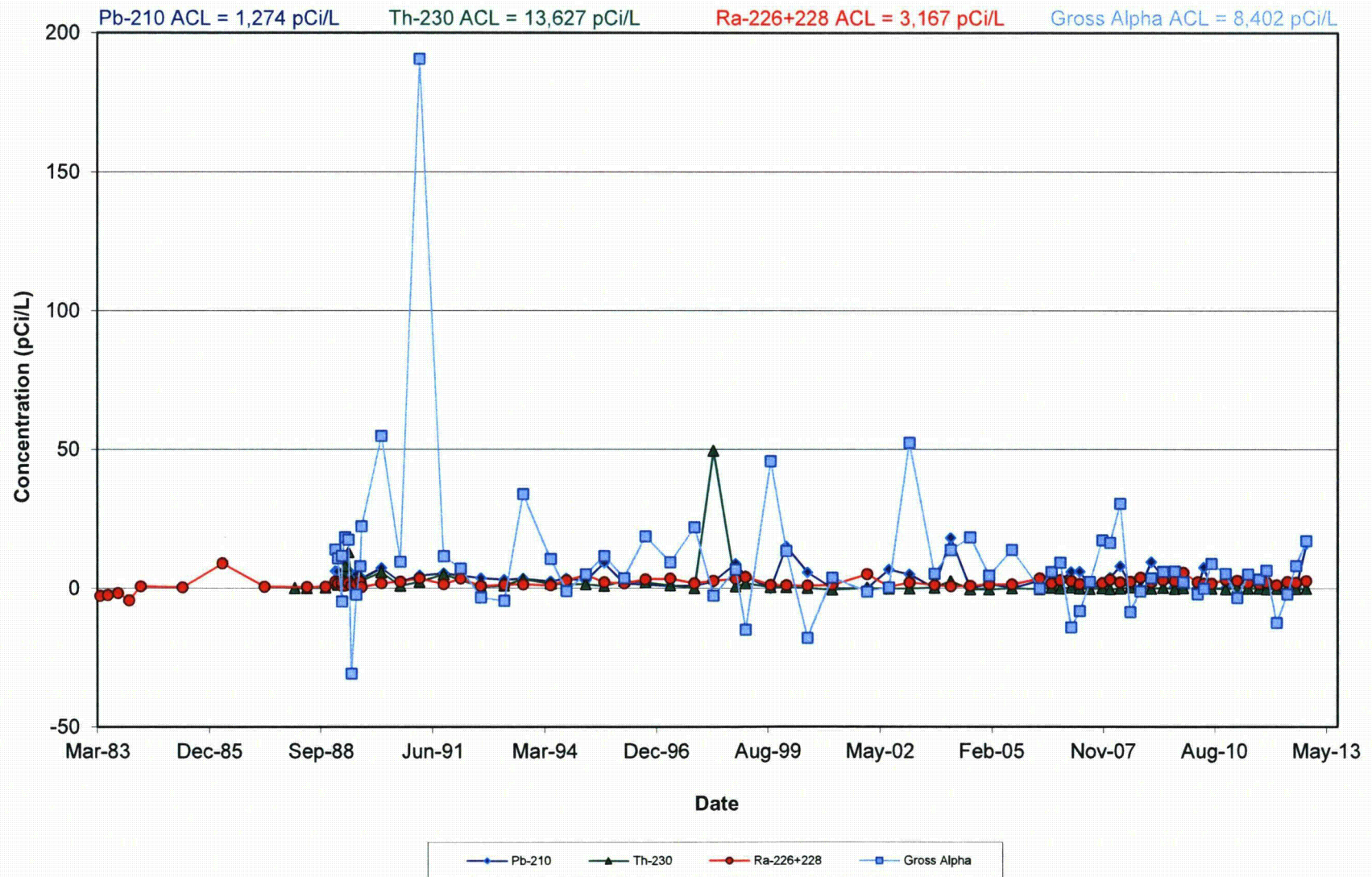
Metals in Monitoring Well 5-03



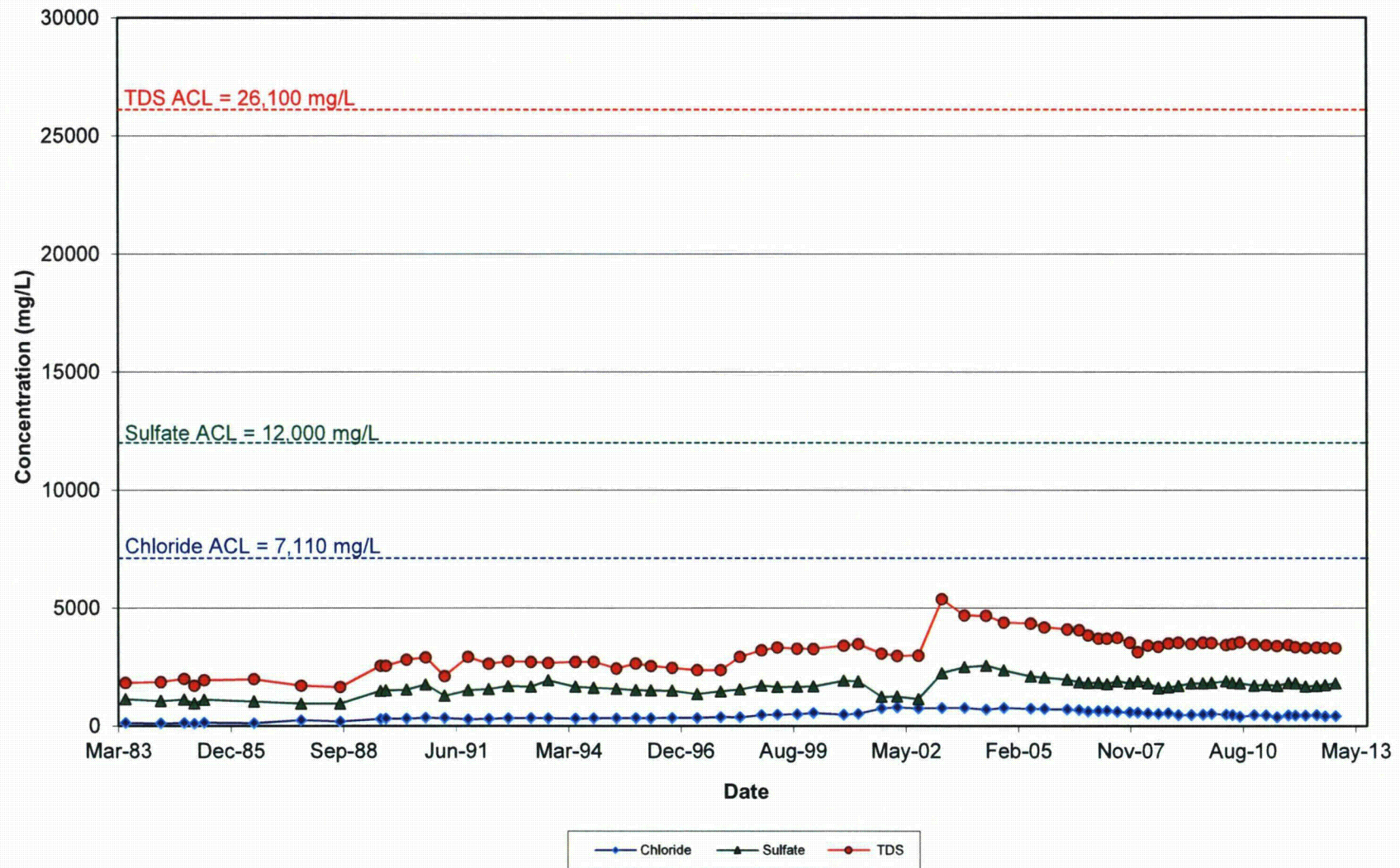
Nitrate in Monitoring Well 5-03



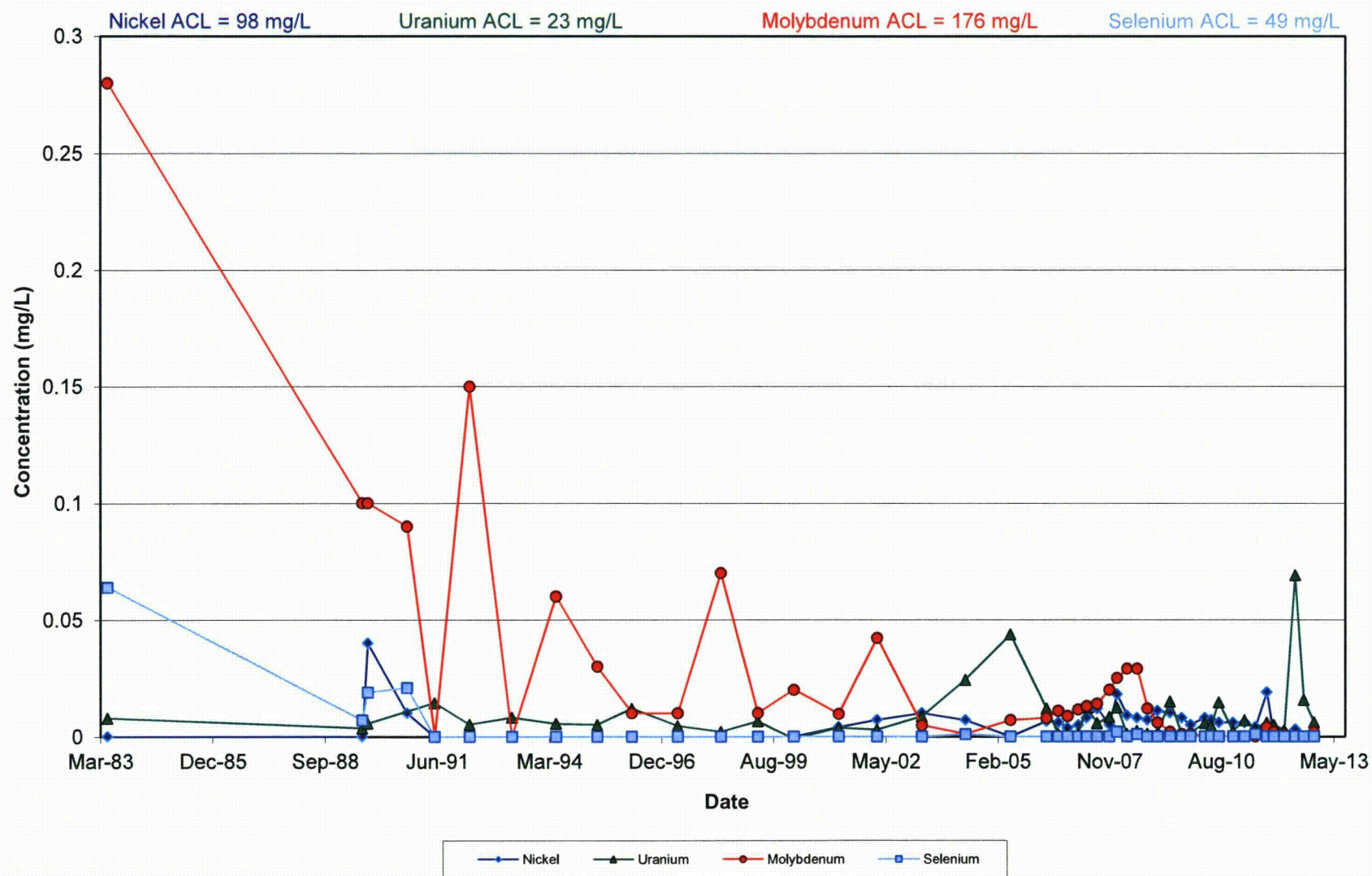
Radionuclides in Monitoring Well 5-03



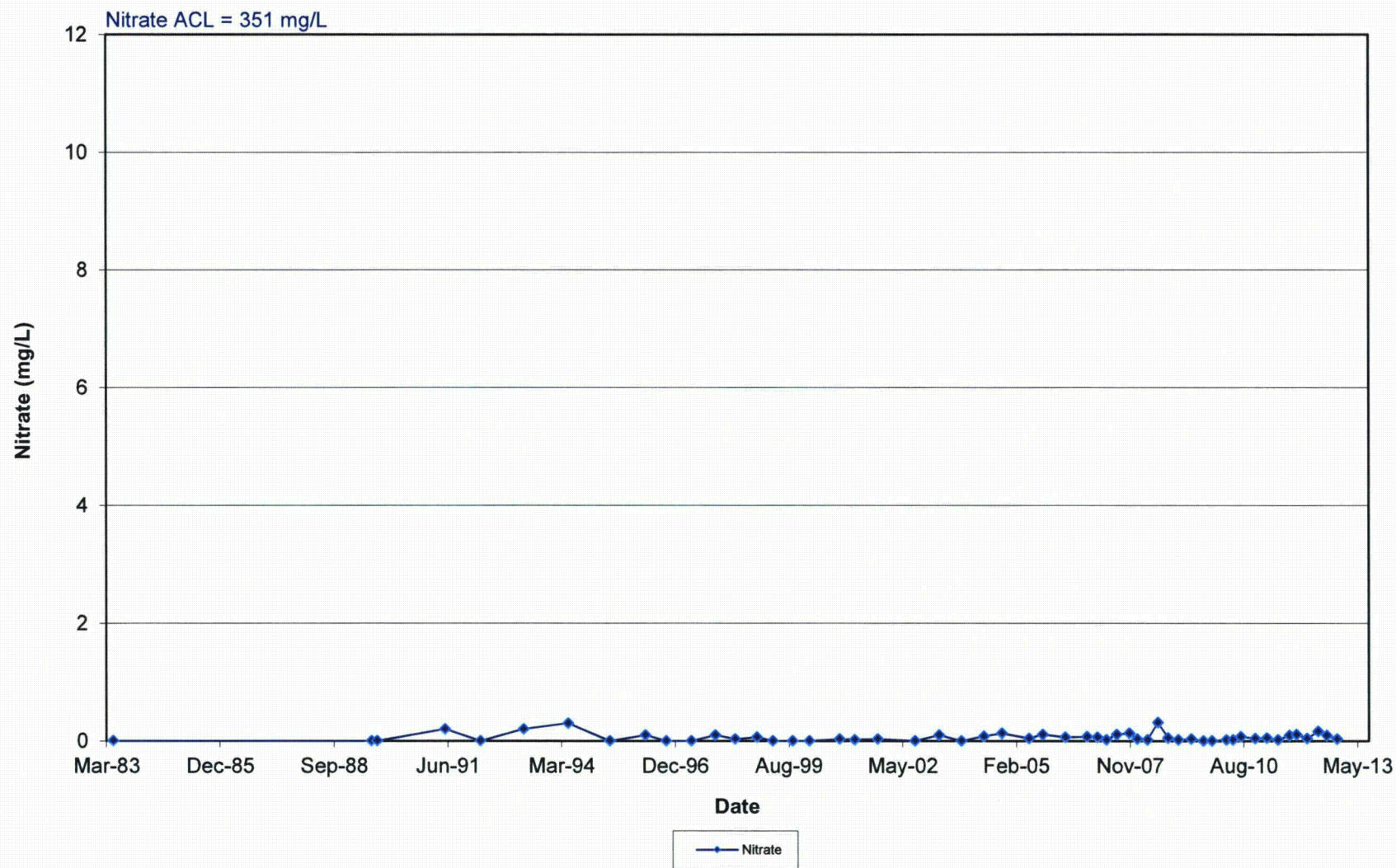
Anions and TDS in Monitoring Well 5-08



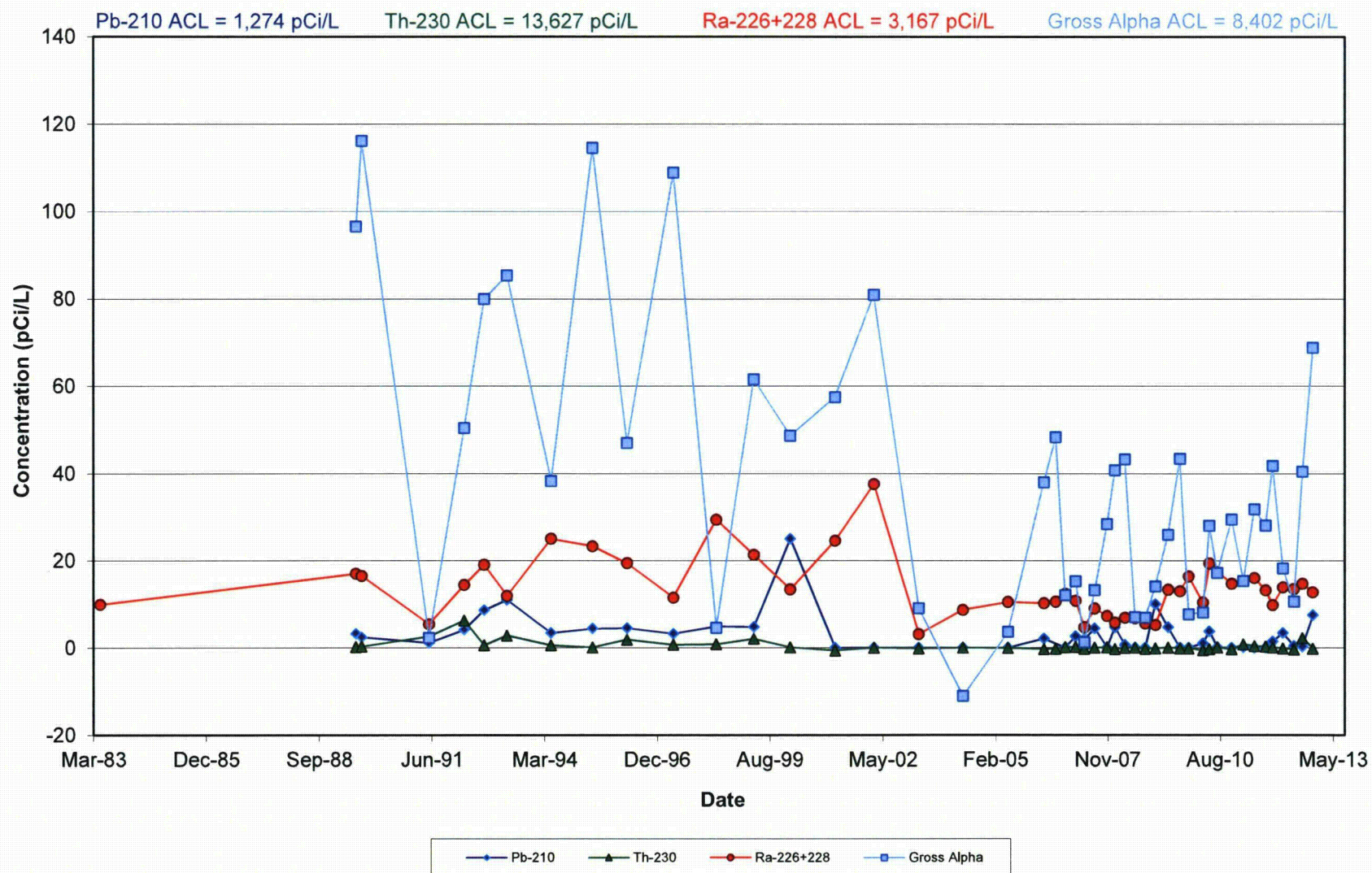
Metals in Monitoring Well 5-08



Nitrate in Monitoring Well 5-08



Radionuclides in Monitoring Well 5-08



APPENDIX 6

Stability Monitoring Plan
Replacement Well Map



Legend

- Replacement Monitoring Well
- Monitoring Well, Plug and Abandon
- Monitoring Well, Plug and Replace

Note: "R" in well name denotes replacement well.

2nd Half 2013
Replacement Well Map
Rio Algom DP-169 ACL
Semi-Annual Report



Sources: Aerial – RGIS website, dated 2009;
Point locations – Rio Algom, Bowman, 3/20/2013