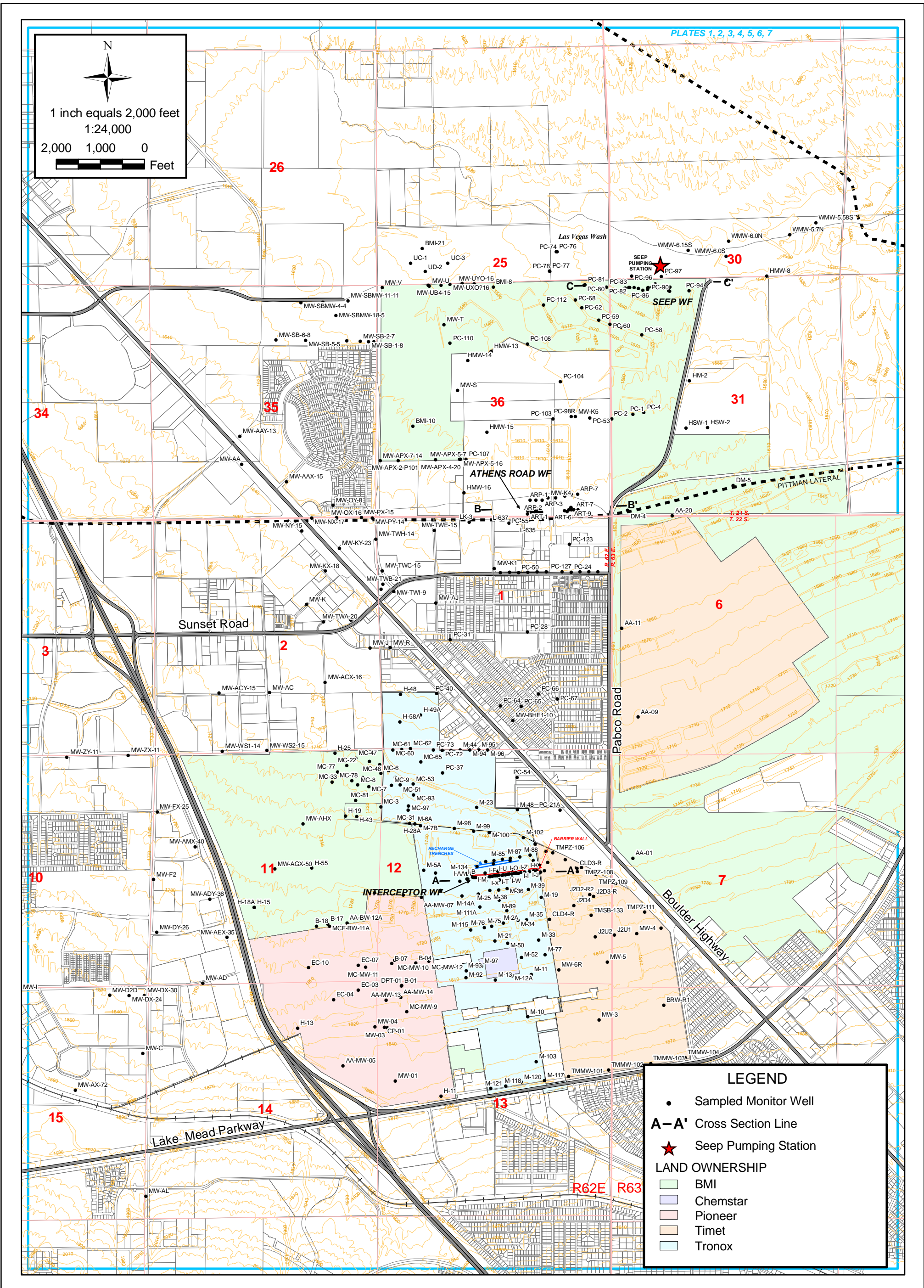


FIGURES



SHEET NUMBER:	1
FIGURE NUMBER:	1

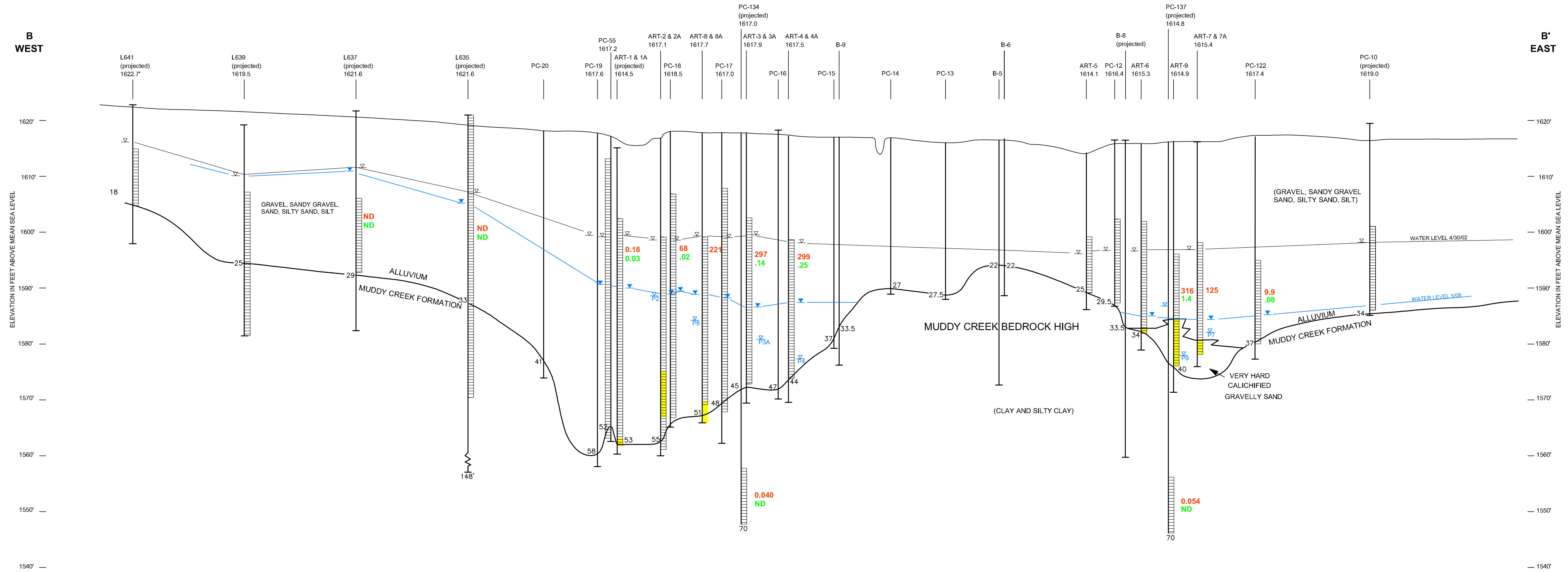
LOCATION MAP		
Annual Performance Report		
Tronox Facility		
Henderson, Nevada		
SCALE:	DATE:	PROJECT NUMBER:
1" = 2,000'	7/31/2008	04020-023-110

ENSR | AECOM

ENSR CORPORATION
 1220 AVENIDA ACASO
 CAMARILLO, CALIFORNIA 93012
 PHONE: (805) 388-3775
 FAX: (805) 388-3577
 WEB: HTTP://WWW.ENSR.AECOM.COM

DESIGNED BY:	REVISIONS:		
E. Krish	NO:	DESCRIPTION:	DATE:
DRAWN BY:			BY:
M. Scop			
CHECKED BY:			
E. Krish			
APPROVED BY:			
S. Bilodeau			

FILENAME: J:\2008_P\Projects\04020- Tronox\023-Henderson\110 - Groundwater Monitoring\Figures\03 Cross Sections.dwg



LEGEND

<p>1750.0'</p> <p>SCREENED INTERVAL (D) DEEP (M) MIDDLE (S) SHALLOW</p> <p>CALICIFIED ZONE</p> <p>BLANK CASING</p> <p>ALLUVIUM-MUDDY CREEK FM CONTACT (FT BGS)</p> <p>40'</p> <p>57'</p> <p>TOTAL DEPTH (FT BGS)</p>	<p>▽ STATIC WATER LEVEL PRIOR TO INITIAL PUMPING</p> <p>▼ GROUNDWATER LEVELS MEASURED MAY 2008</p> <p>⊖ PUMPING WELL (AND WELL NAME- ATHENS ROAD WELLFIELD ONLY) MAY 2008</p>	<p>1.9 PERCHLORATE CONCENTRATION AS OF MAY 2008 (mg/L) ND <0.004 mg/L</p> <p>1.9 TOTAL CHROMIUM CONCENTRATION AS OF MAY 2008 (mg/L) ND <0.01 mg/L</p>
--	---	---

VERTICAL SCALE IN FEET
 HORIZONTAL SCALE IN FEET

DESIGNED BY:		NO.:		REVISIONS	
E. Krieh				DESCRIPTION:	DATE:
DRAWN BY:	M. Scop				
CHECKED BY:	E. Krieh				
APPROVED BY:	M. Flork				

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WEST - EAST HYDROGEOLOGIC CROSS SECTION B-B' ATHENS ROAD WELL FIELD MAY 2008

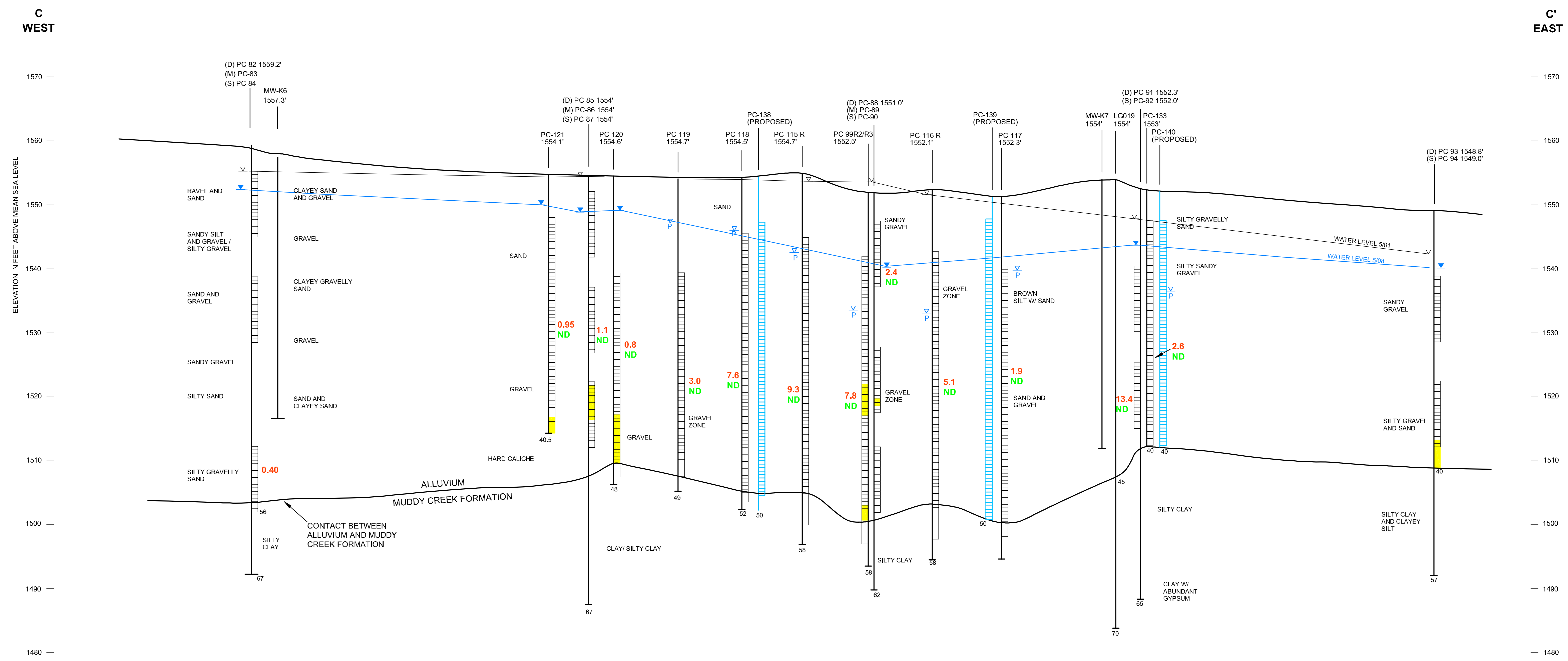
Annual Performance Report
 Tronox Facility, Henderson, Nevada

SCALE: as noted
 DATE: 8/11/2008
 PROJECT NUMBER: 04020-023-110

FIGURE NUMBER:
3

SHEET NUMBER:
X

FILENAME: J:\2008_Projects\040202- Tomox\023-Henderson\110 - Groundwater Monitoring\Figures\CW Cross Sections.dwg



LEGEND

<p>1750.0' TOP OF CASING ELEVATION</p> <p>SCREENED INTERVAL (D) DEEP (M) MIDDLE (S) SHALLOW</p> <p>CALICHIFIED ZONE</p> <p>BLANK CASING</p> <p>ALLUVIUM-MUDDY CREEK FM CONTACT (FT BGS)</p> <p>57 TOTAL DEPTH (FT BGS)</p>	<p>CAPTURE WORK PLAN (AUGUST 2007)</p> <p>PROPOSED MONITORING WELL</p>	<p>▽ STATIC WATER LEVEL PRIOR TO INITIAL PUMPING</p> <p>▽ GROUNDWATER LEVELS MEASURED MAY 2008</p> <p>▽ PUMPING WELL (AND WELL NAME- ATHENS ROAD WELLFIELD ONLY) MAY 2008</p>	<p>1.9 PERCHLORATE CONCENTRATION AS OF MAY 2008 (mg/L) ND <0.004 mg/L</p> <p>1.9 TOTAL CHROMIUM CONCENTRATION AS OF MAY 2008 (mg/L) ND <0.01 mg/L</p>
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VERTICAL SCALE IN FEET: 0, 5, 10'
HORIZONTAL SCALE IN FEET: 0, 50, 100'

DESIGNED BY:	E. Krish
DRAWN BY:	M. Scop
CHECKED BY:	E. Krish
APPROVED BY:	M. F. Beck

NO.:	
DESCRIPTION:	
DATE:	
BY:	

ENSR AECOM

ENSR CORPORATION
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WEST - EAST HYDROGEOLOGIC CROSS SECTION C-C' SEEP WELL FIELD MAY 2008

Annual Performance Report
Tronox Facility, Henderson, Nevada

SCALE: as noted
DATE: 8/11/2008
PROJECT NUMBER: 04020-023-110

FIGURE NUMBER:
4

SHEET NUMBER:
X

Figure 5: Athens Road Well Field Drawdown
Tronox LLC, Henderson, Nevada

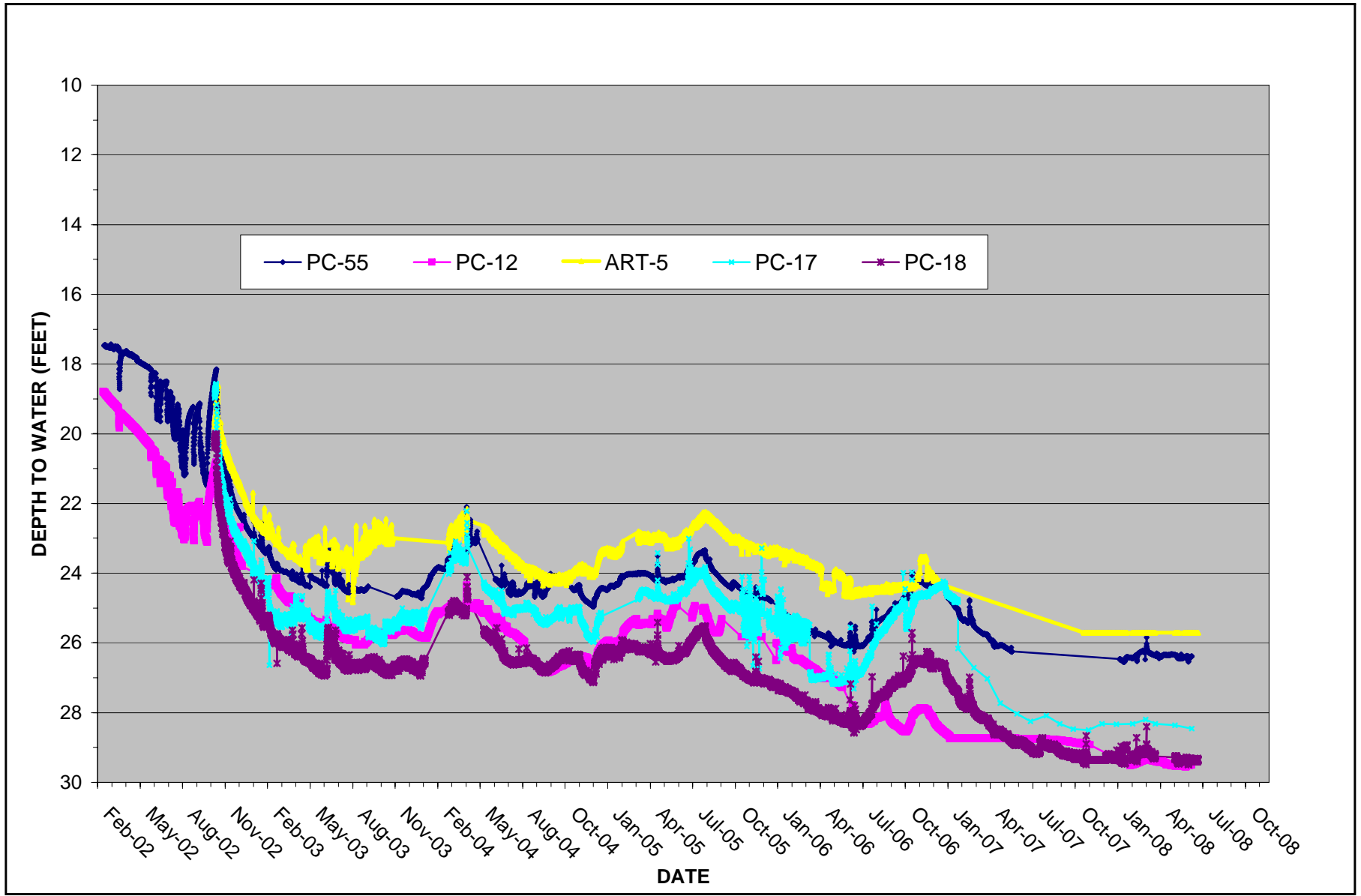


Figure 6: Athens Road Well Field Subsidence - 2002 to 2008

Tronox LLC, Henderson, Nevada

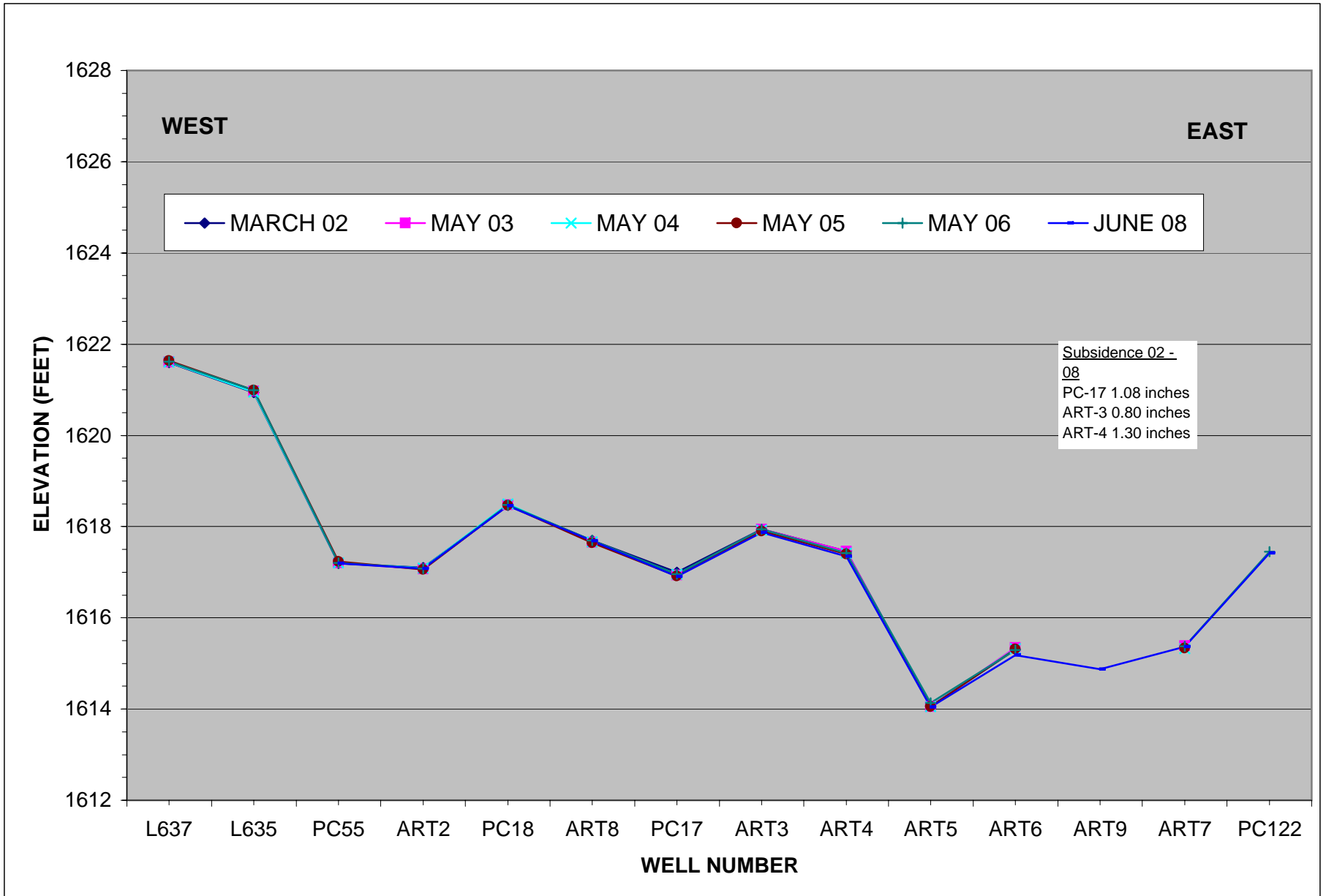


Figure 7: Interceptor Well Field Total Chromium Section Graph

Tronox LLC, Henderson, Nevada

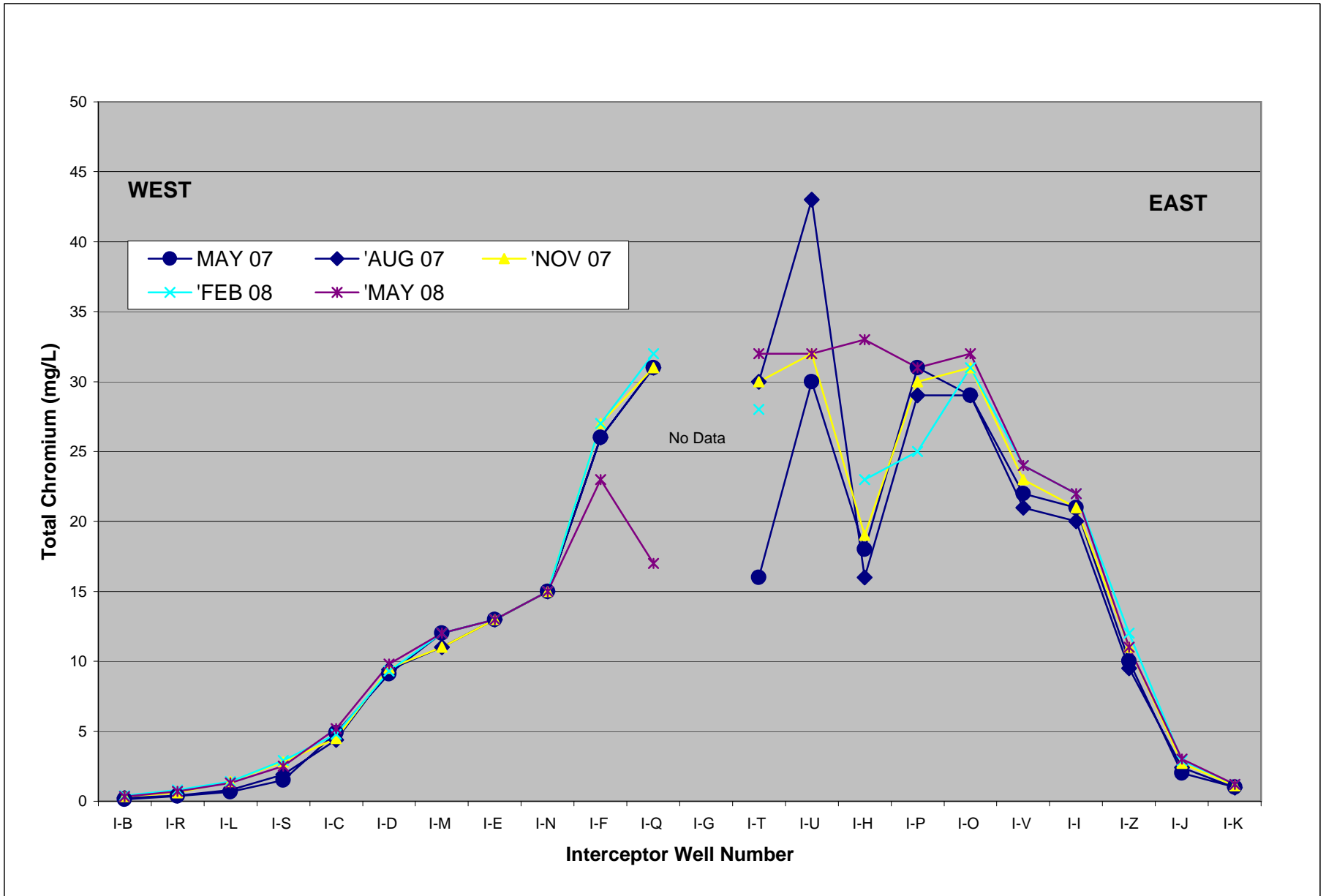


FIGURE 8: Consent Order Appendix J Wells Total Chromium Concentration Trend Graph

Tronox LLC, Henderson, Nevada

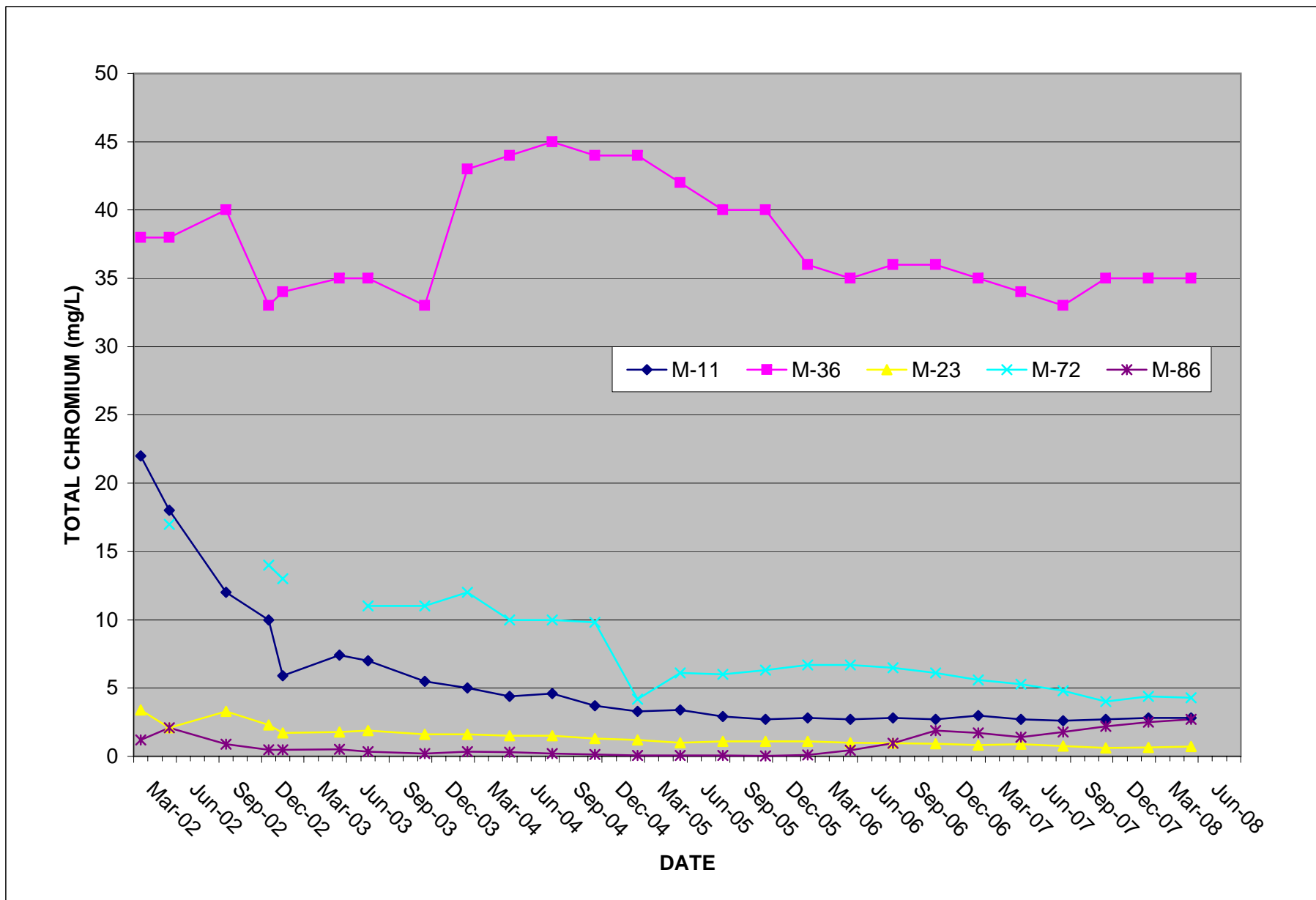


Figure 9: Athens Road WF Total Chromium Section Graph

Tronox LLC, Henderson, Nevada

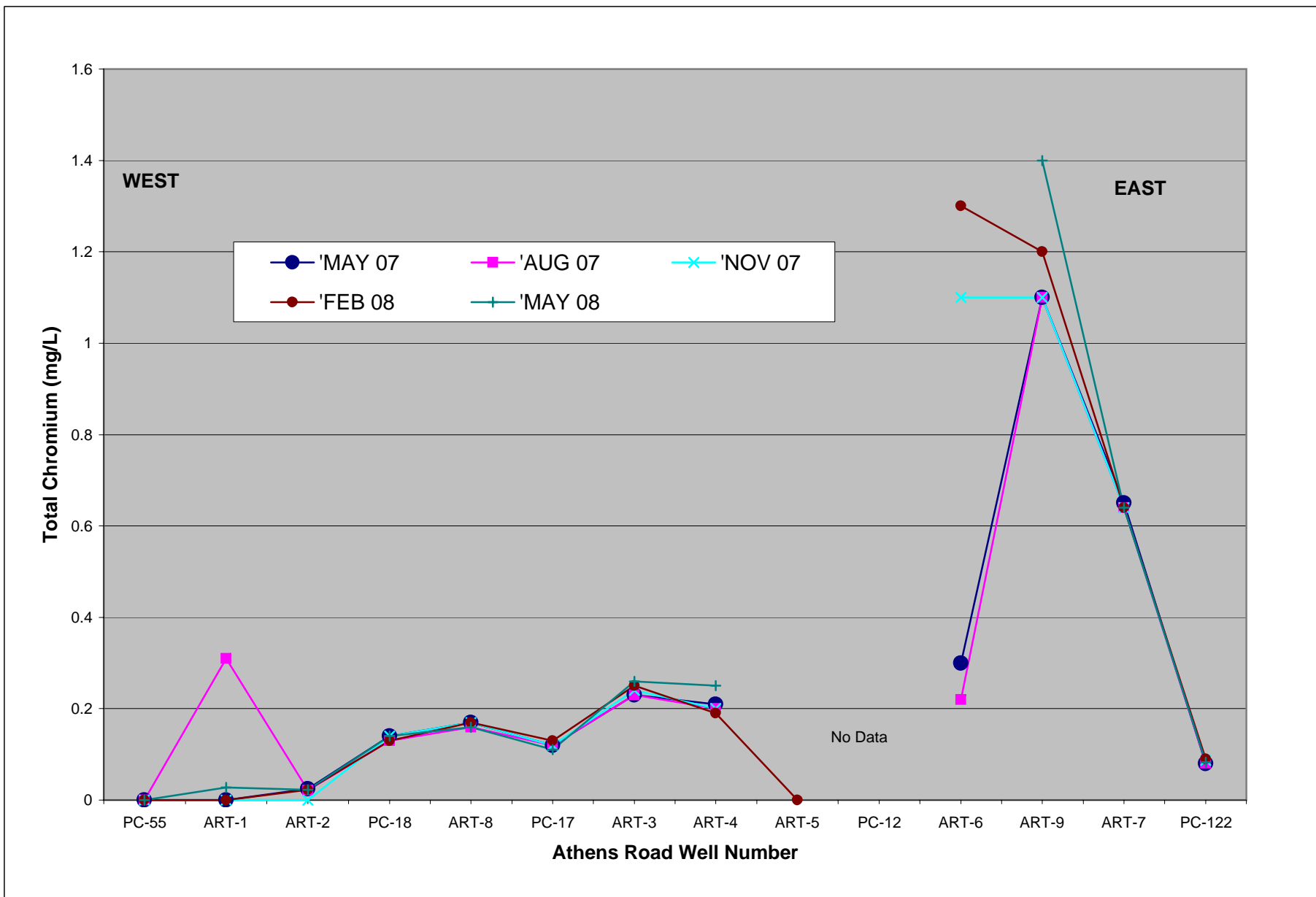


Figure 10: Tronox Henderson Groundwater Treatment Flow Diagram
Henderson, Nevada

Last modified 7/17/2006

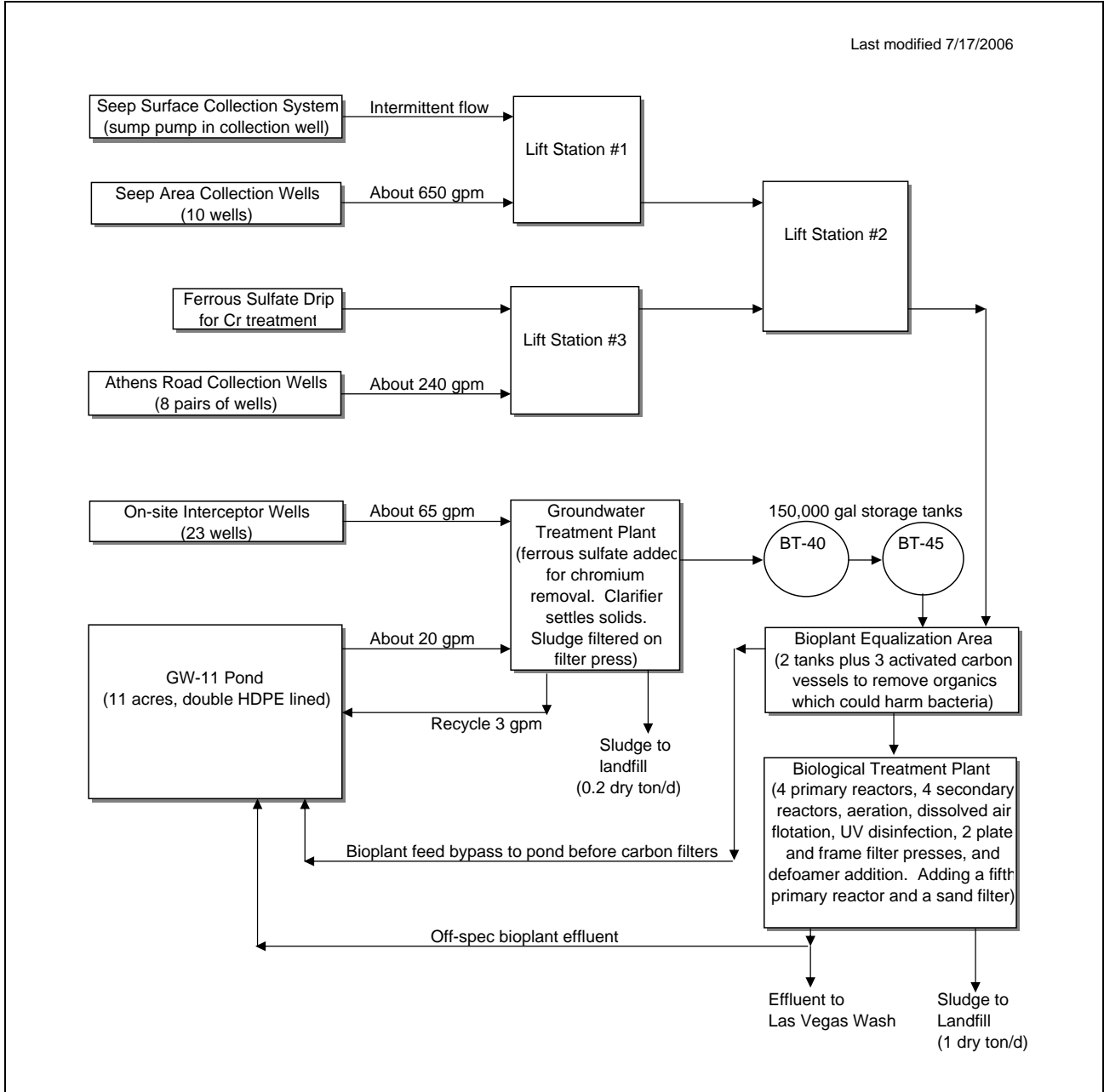


Figure 11: Perchlorate Removed from the Environment January - June 2008

Tronox LLC, Henderson, Nevada

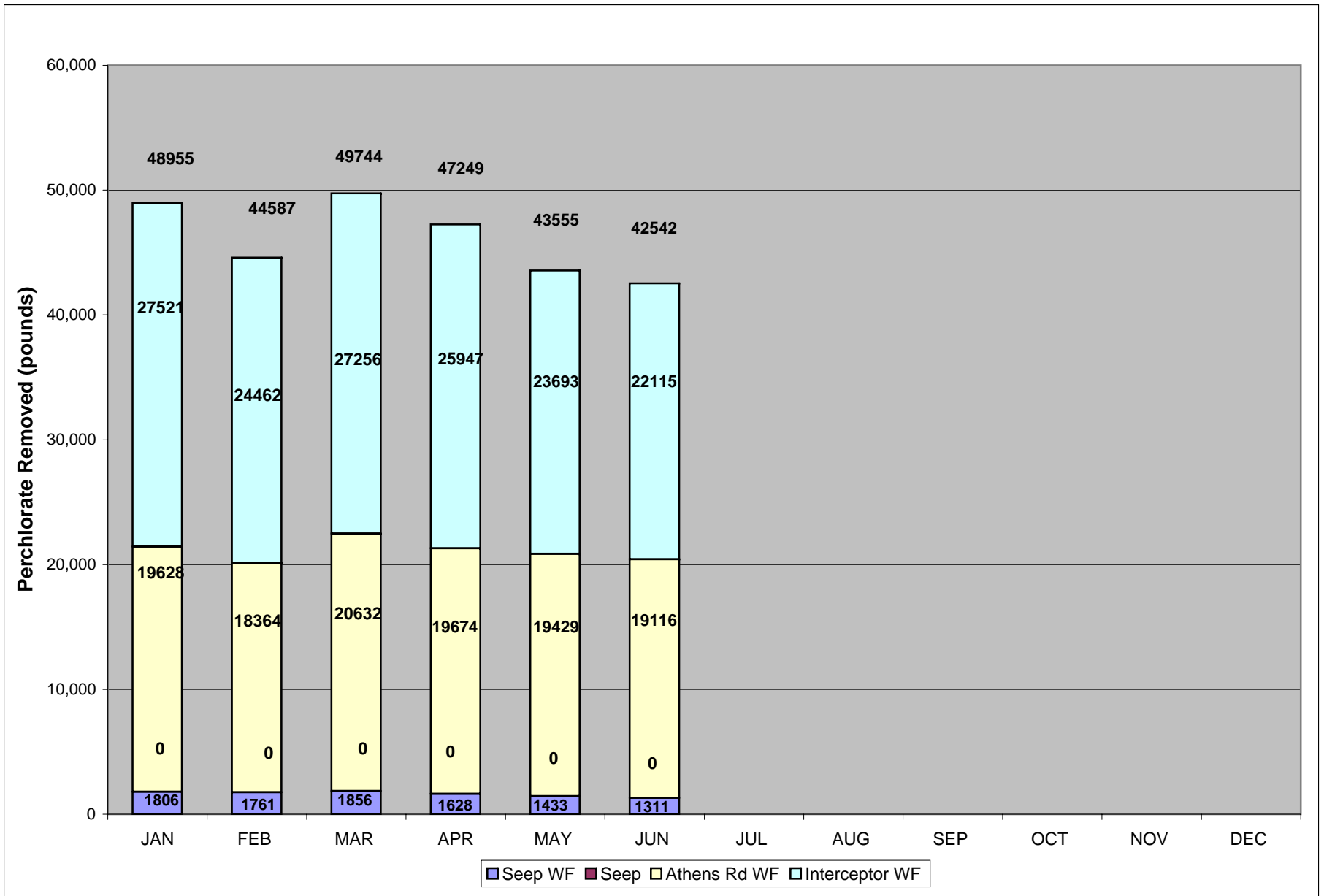


Figure 12: Interceptor Well Field Perchlorate Concentration Section Graph

Tronox LLC, Henderson, Nevada

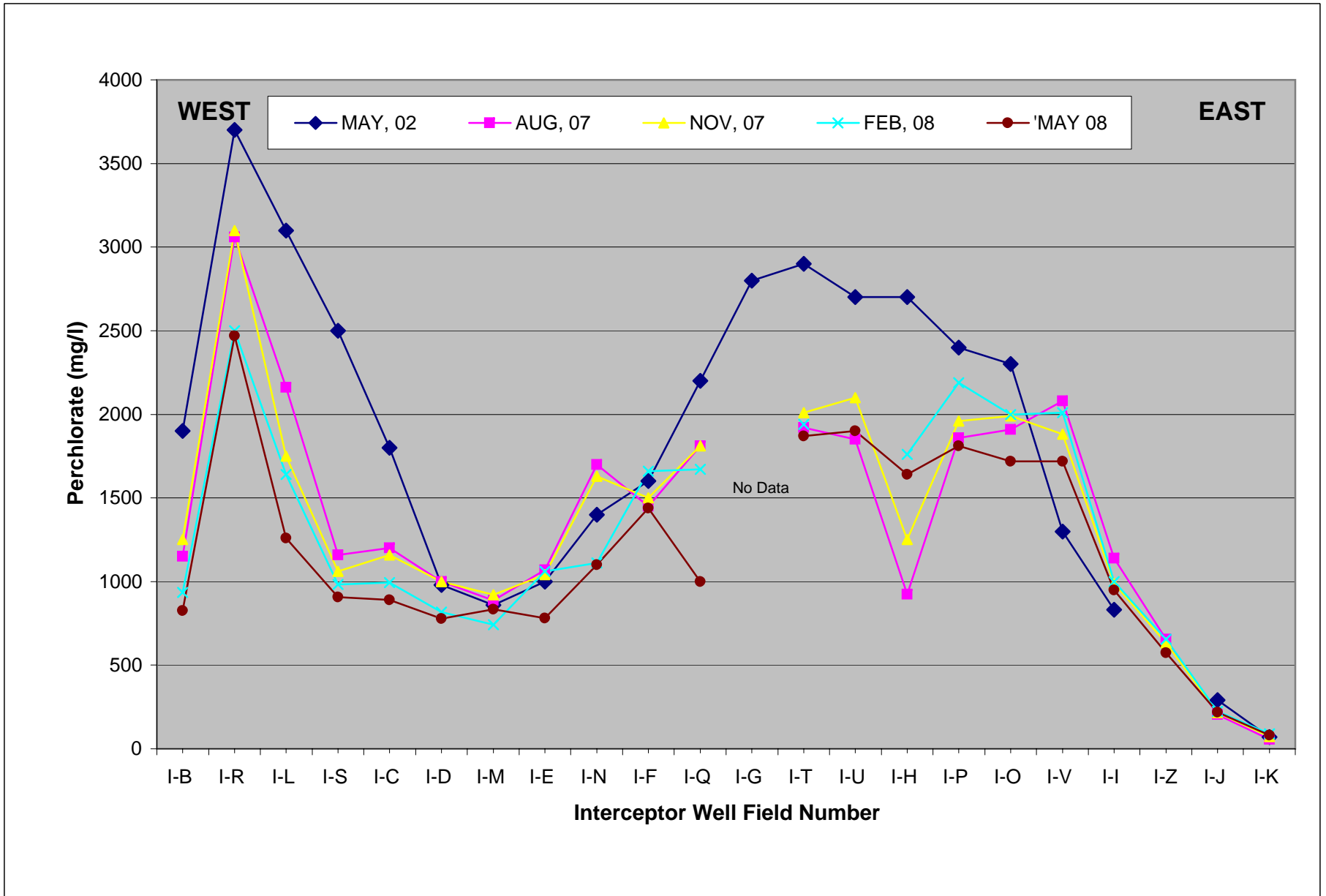


Figure 13: Interceptor Well Field Perchlorate Concentration Trend Graph

Tronox LLC, Henderson, Nevada

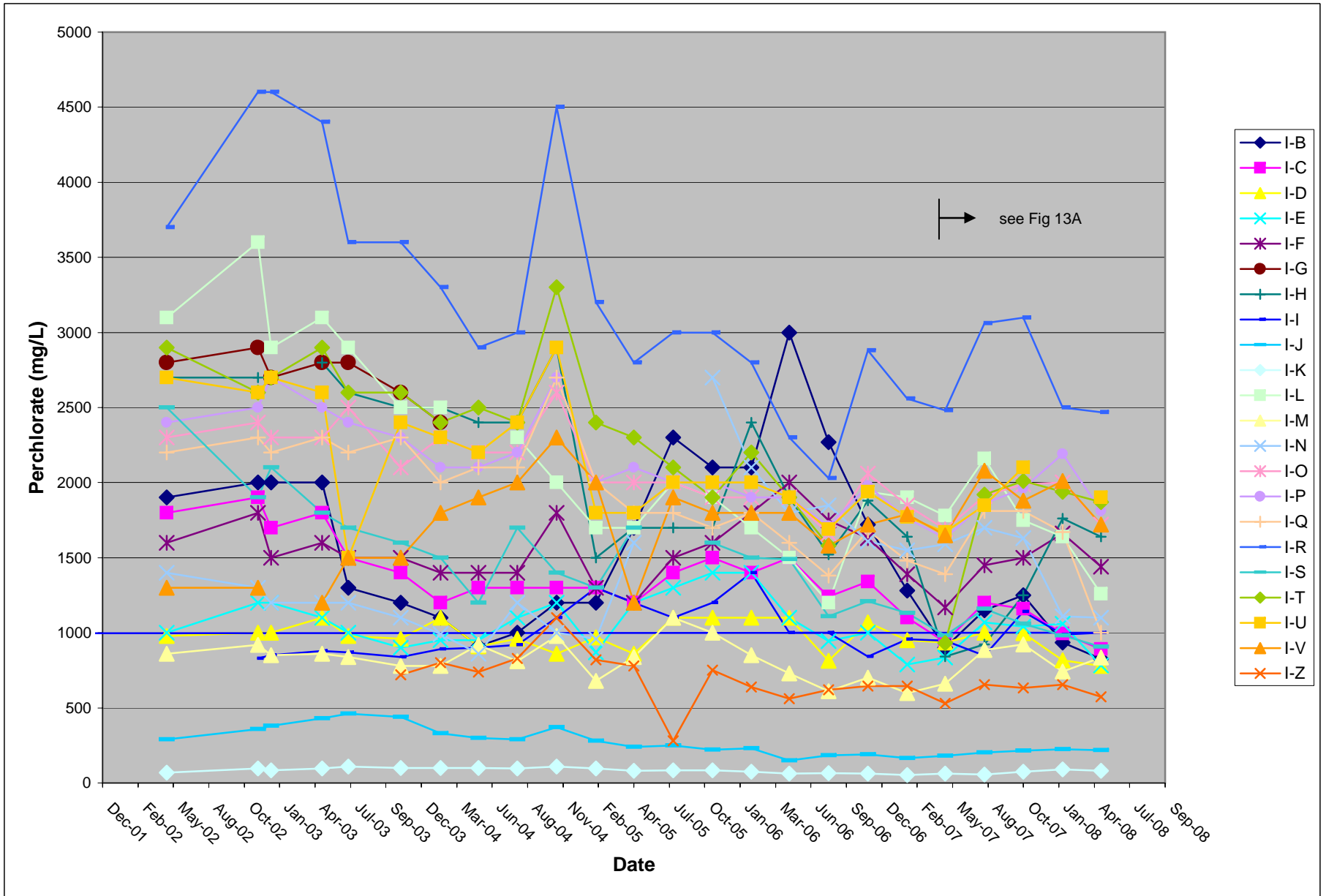


Figure 14: Interceptor WF Total Dissolved Solids Section Graph

Tronox LLC, Henderson, Nevada

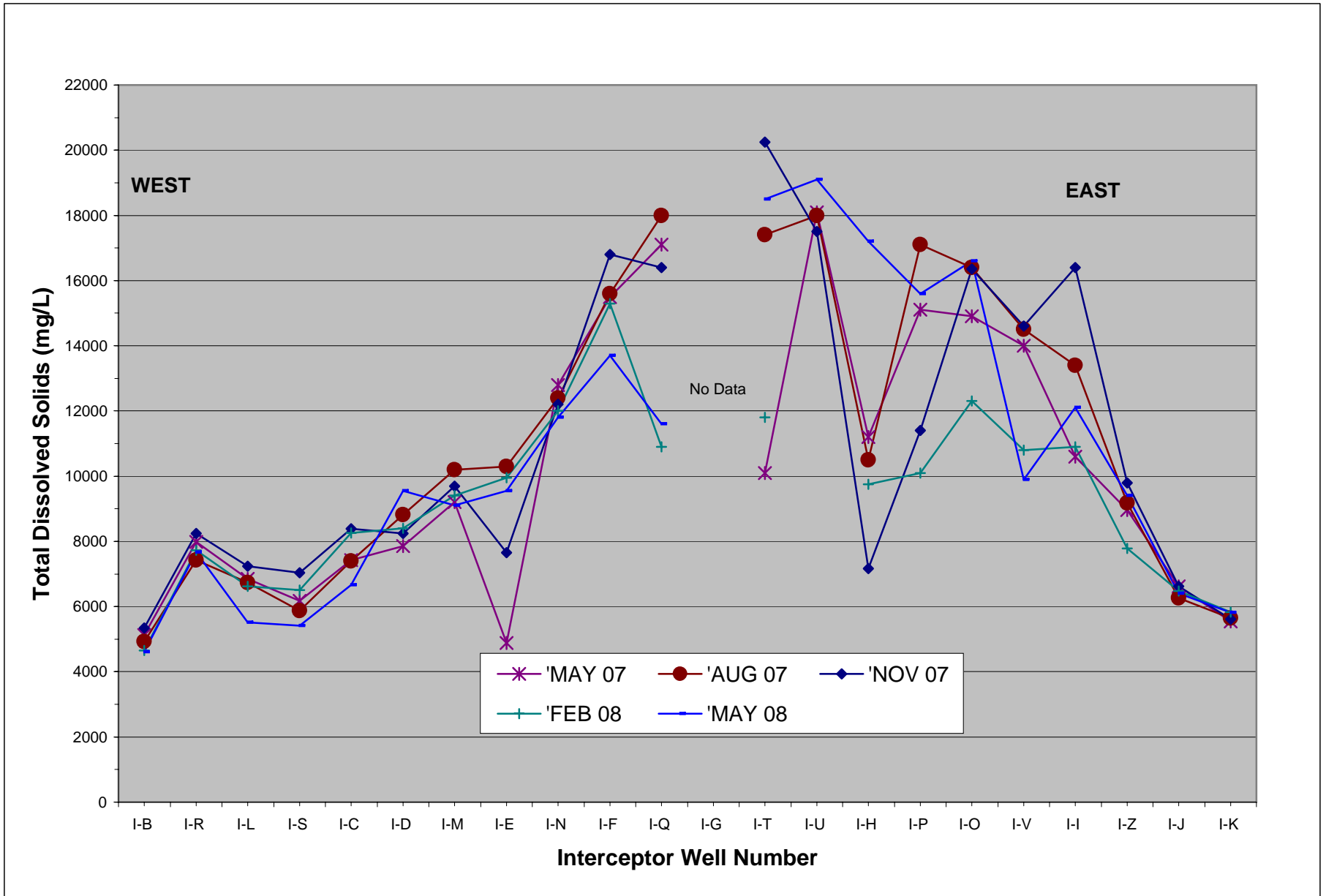


Figure 15: Interceptor Well Field Average Perchlorate Concentration and Mass Removed

Tronox LLC, Henderson, Nevada

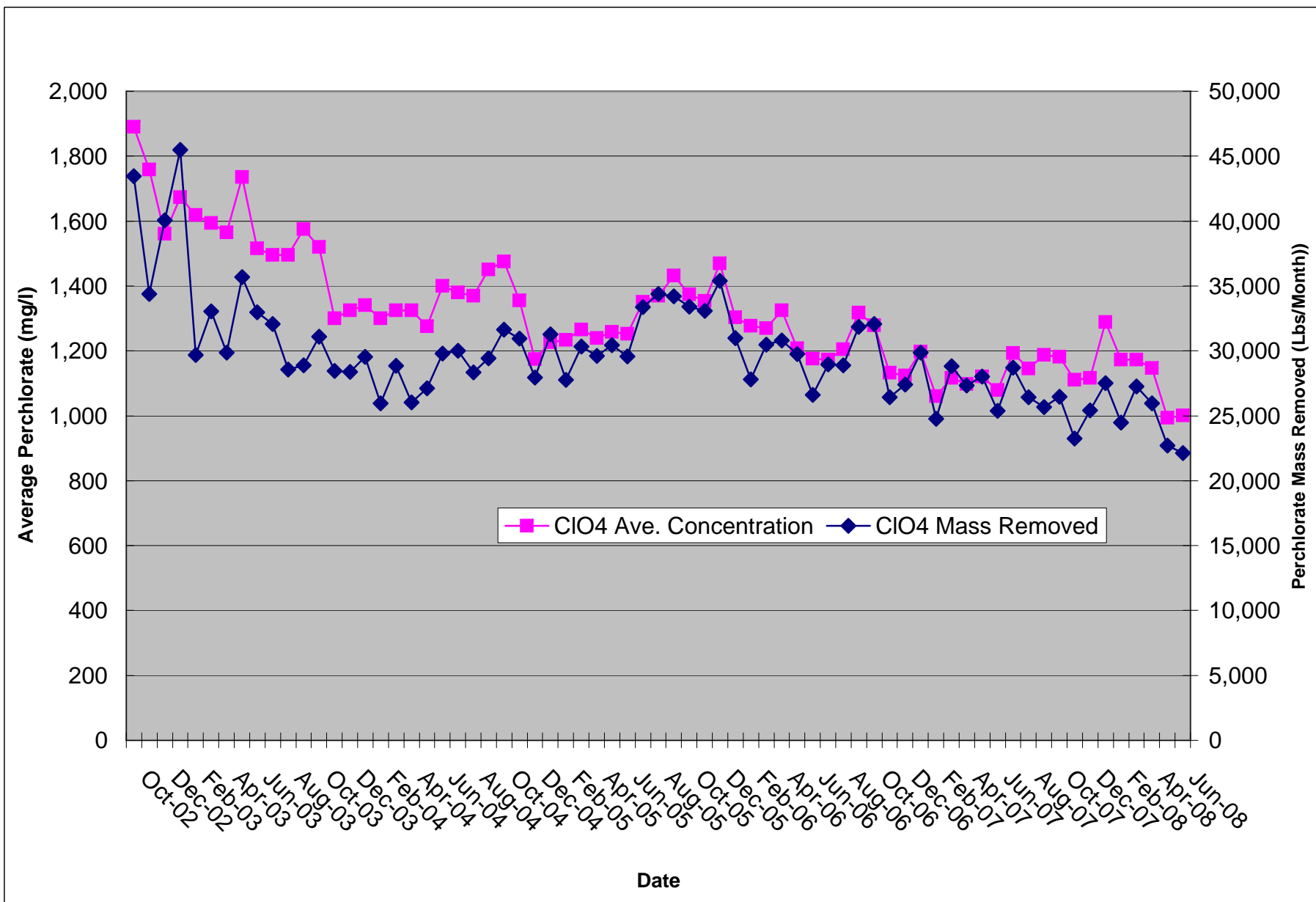


Figure 16: Well M-100 Perchlorate Concentration vs. Water Elevation Trend Graph

Tronox LLC, Henderson, Nevada

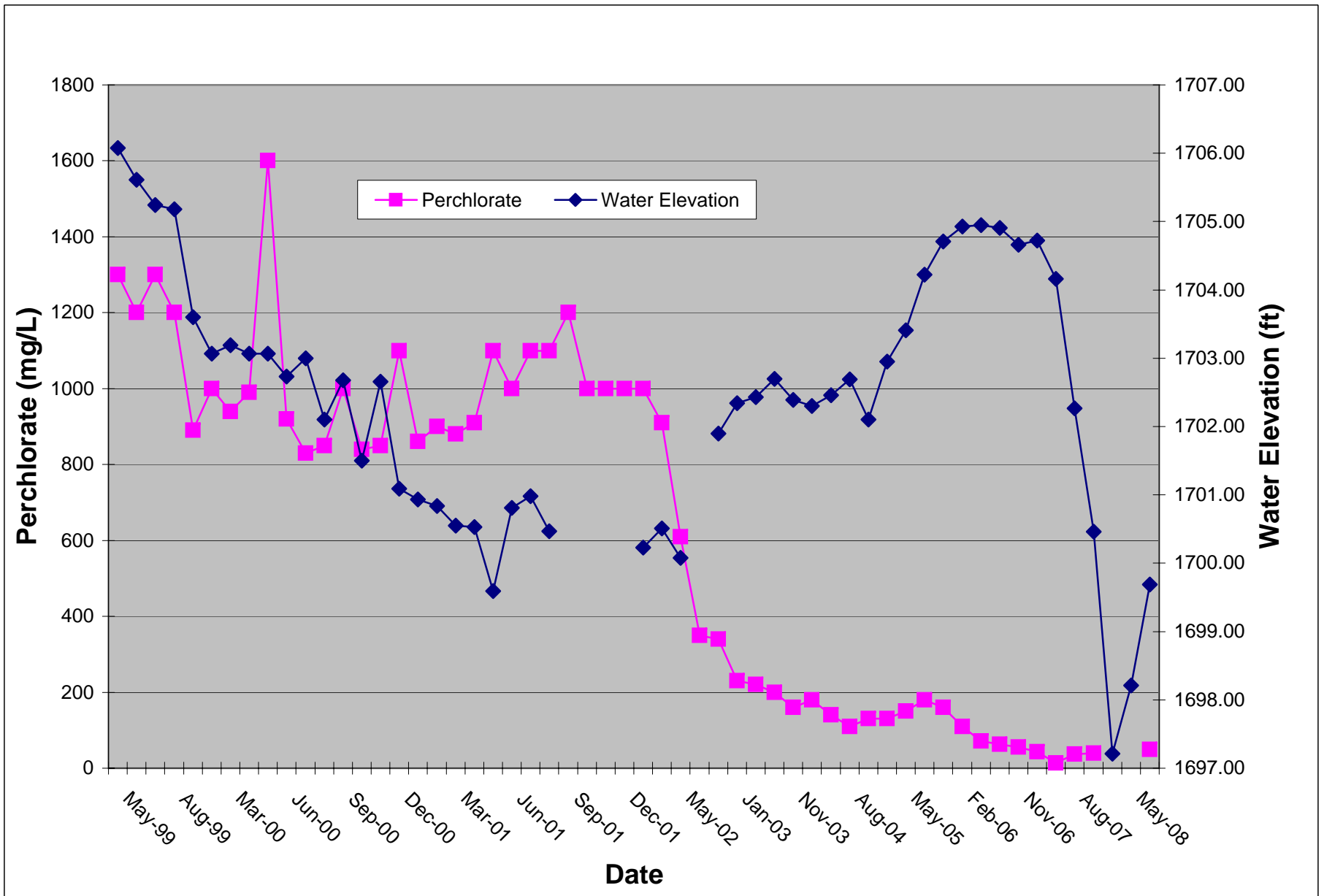


Figure 17: Athens Road Well Field Perchlorate Concentration Trend Graph

Tronox LLC, Henderson, Nevada

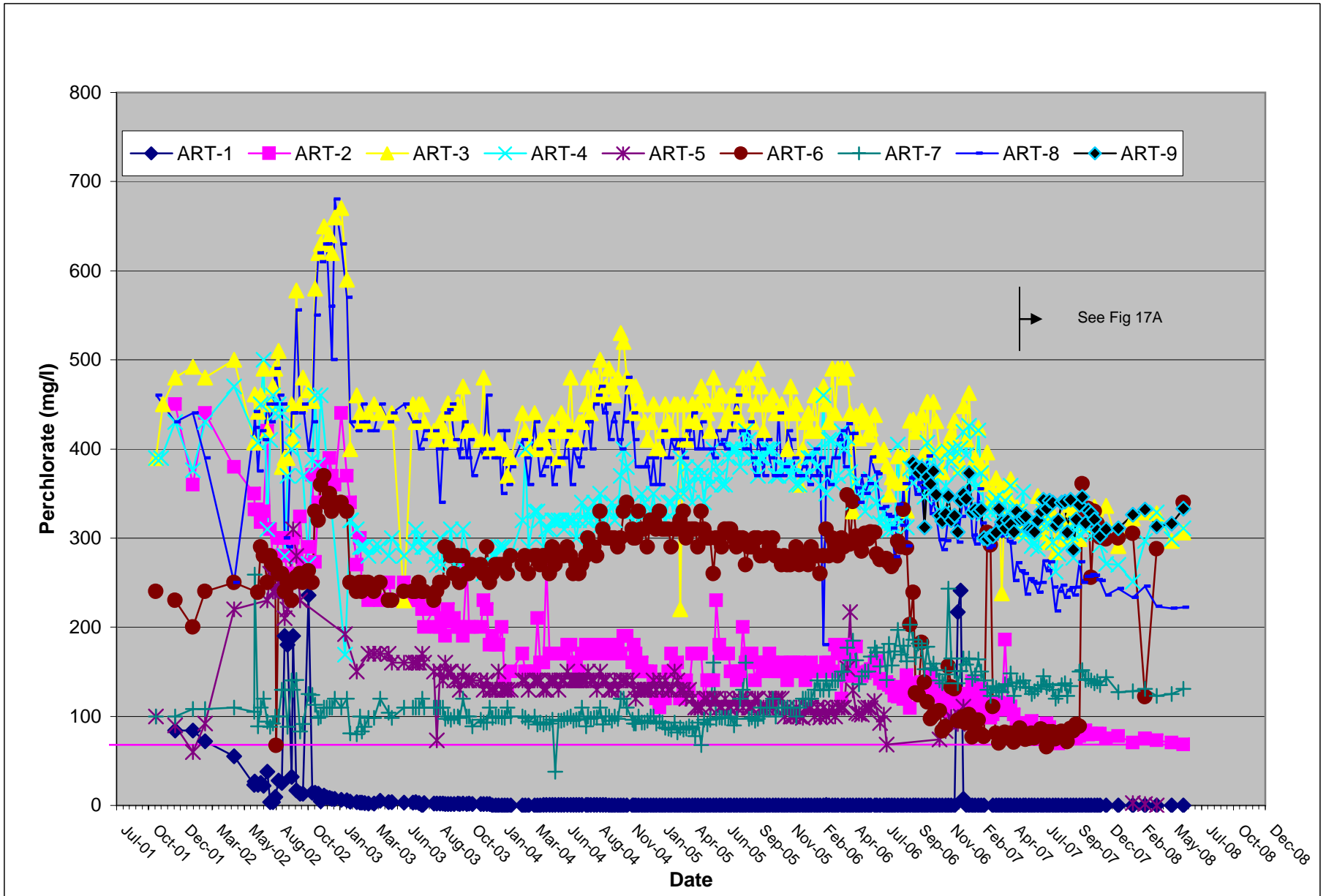


Figure 17A: Athens Road Well Field Perchlorate Concentration Trend Graph, April 2007- June 2008

Tronox LLC, Henderson, Nevada

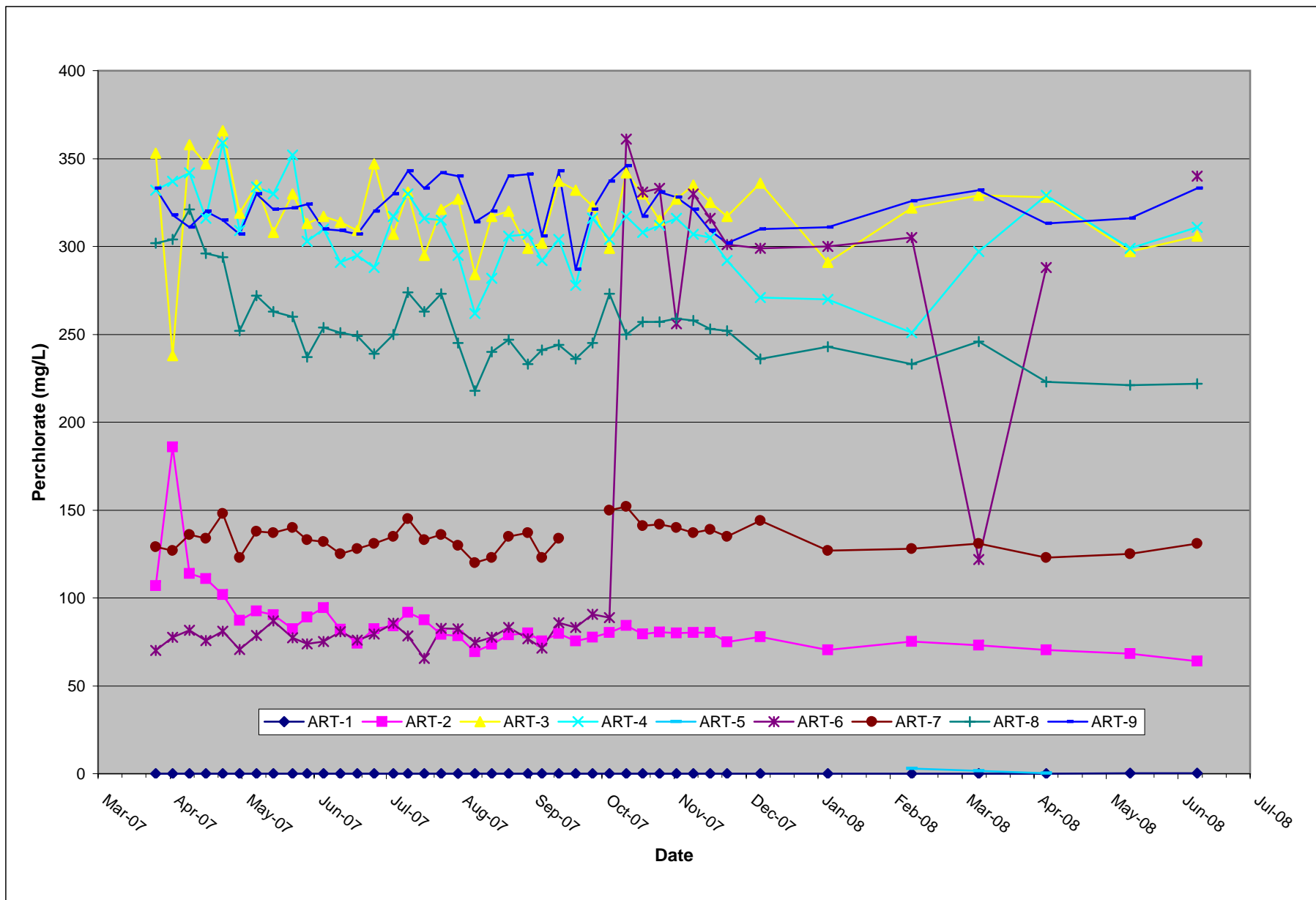


Figure 18: Athens Road Well Field Perchlorate Concentration Section Graph

Tronox LLC, Henderson, Nevada

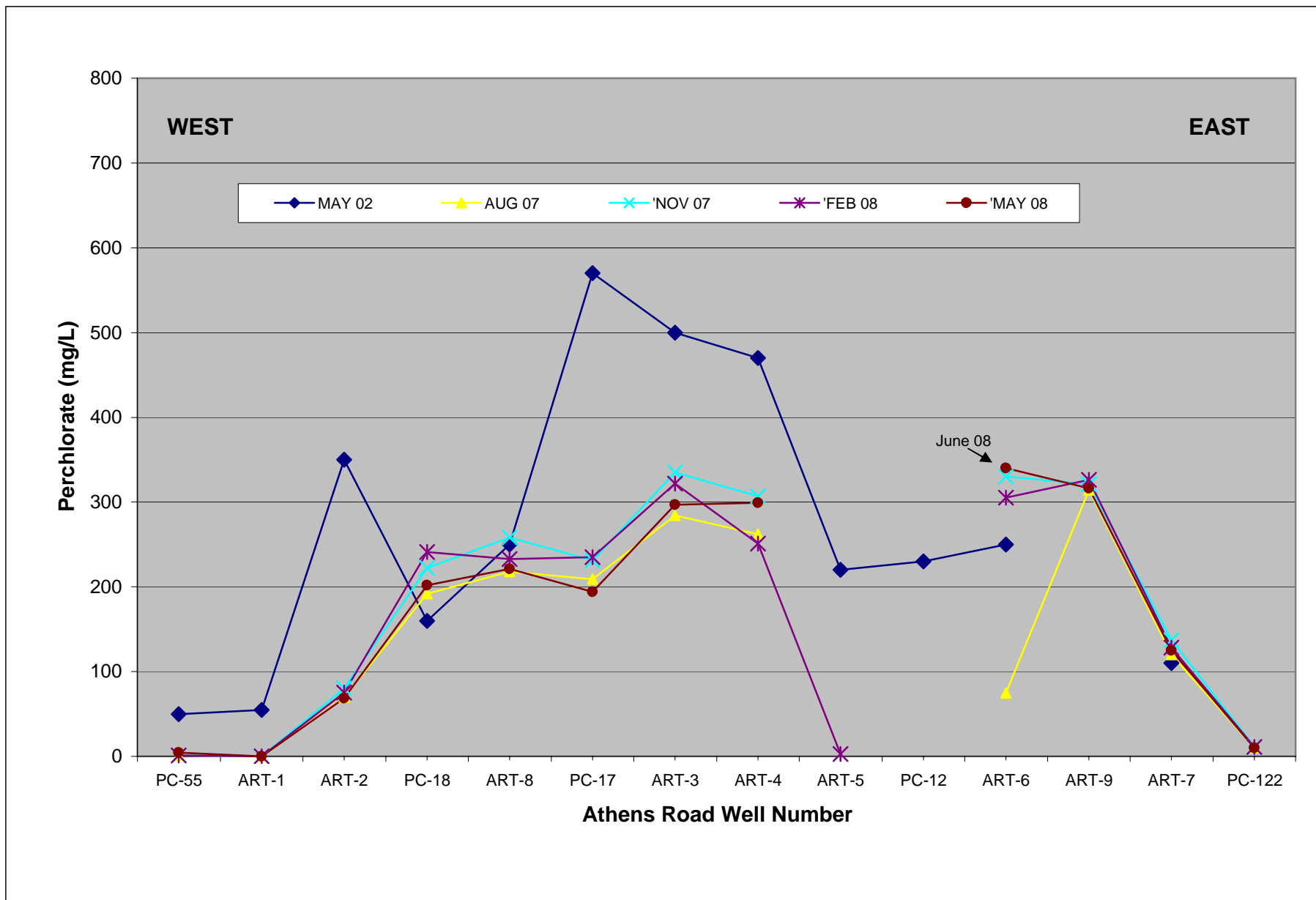


Figure 19: Athens Road Well Field Average Perchlorate Concentration in ART-8 and Mass Removed
 Tronox LLC, Henderson, Nevada

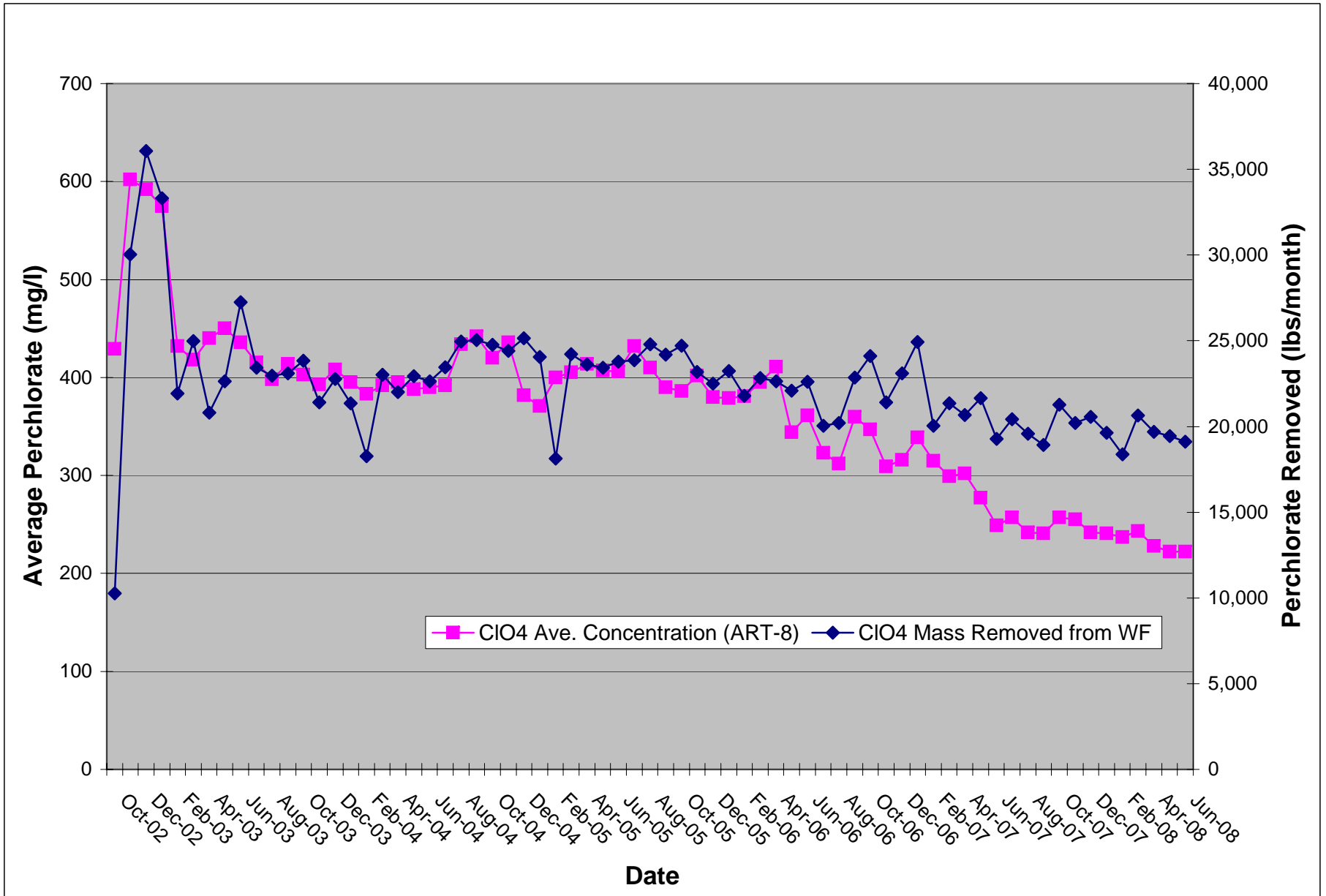


Figure 20: Athens Road WF Total Dissolved Solids Section Graph

Tronox LLC, Henderson, Nevada

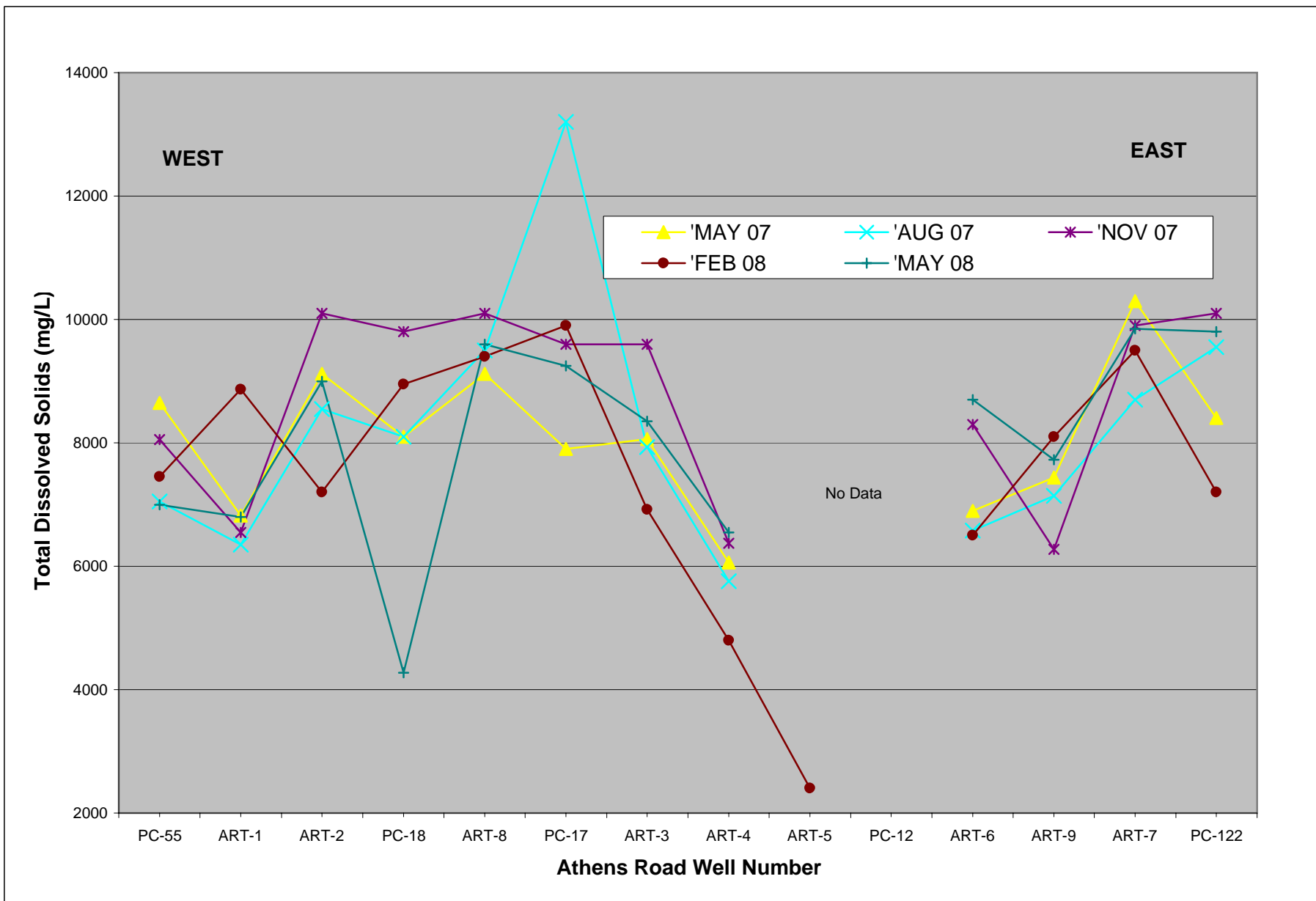


Figure 21: Athens Road Piezometer Well Line Perchlorate Concentration Trend Graph

Tronox LLC, Henderson, Nevada

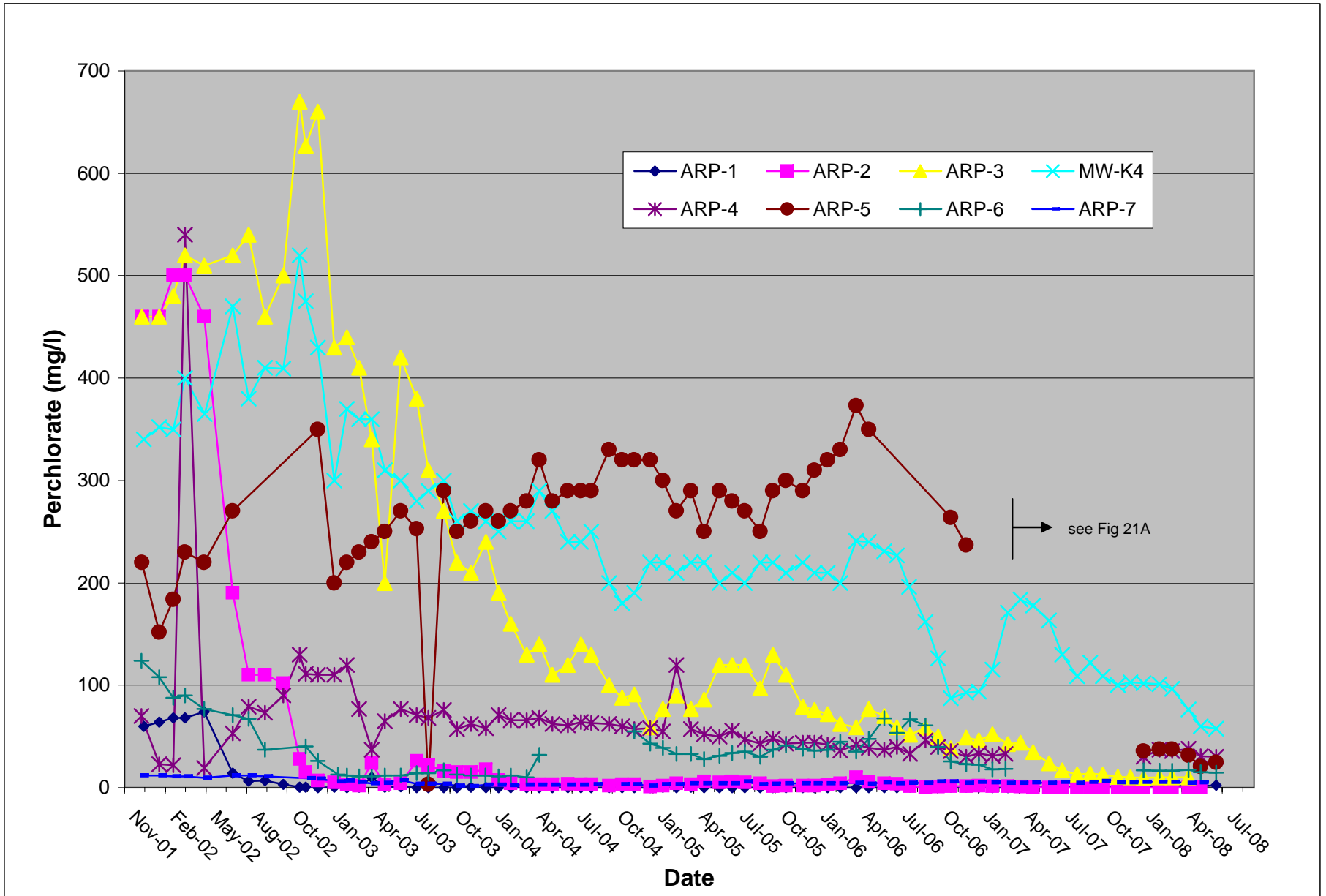


Figure 22: Athens Road Piezometer Well Line Perchlorate Section Graph

Tronox LLC, Henderson, Nevada

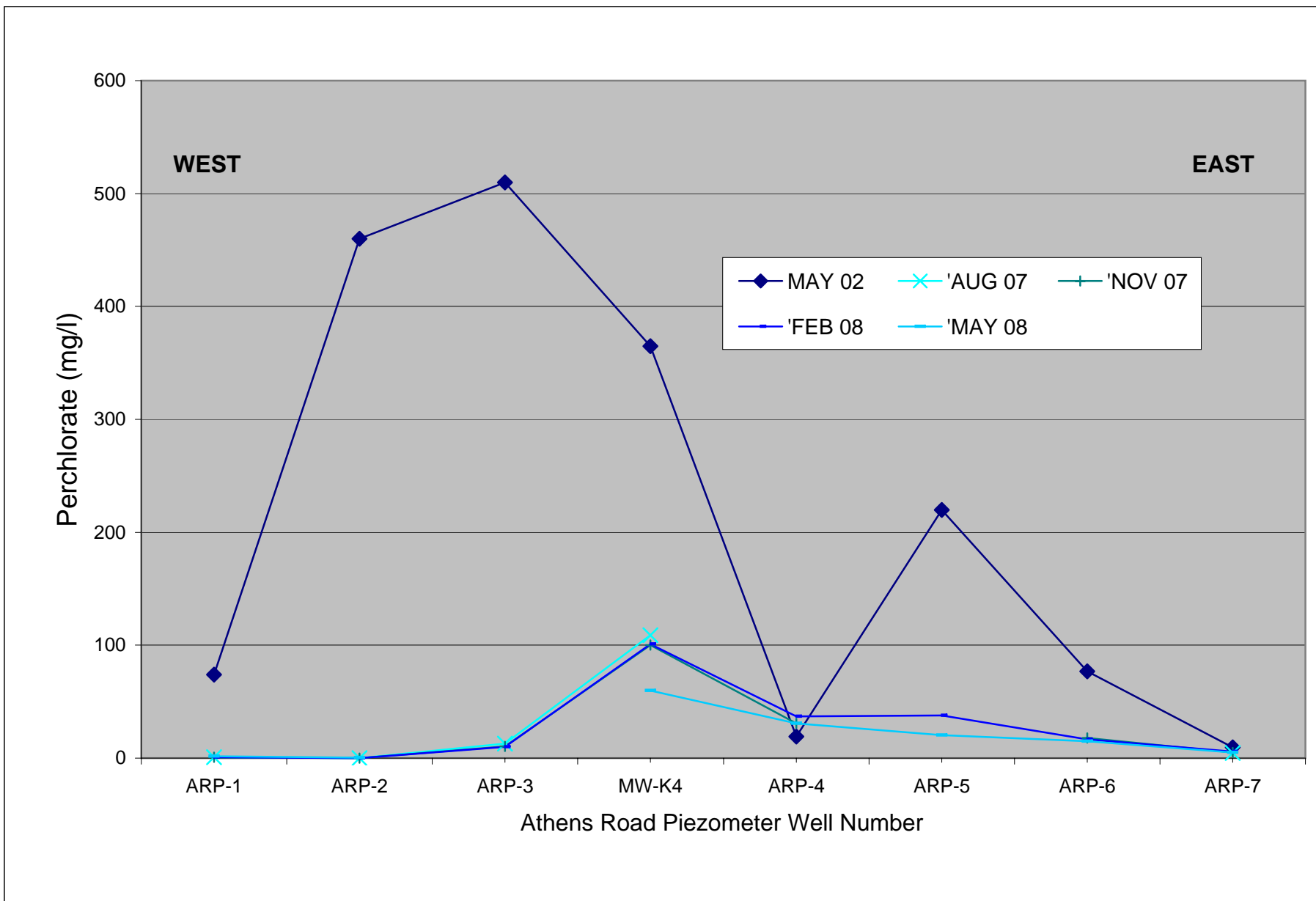


Figure 23: Athens Road Piezometer ARP-3 Perchlorate vs. Water Elevation Trend Graph

Tronox LLC, Henderson, Nevada

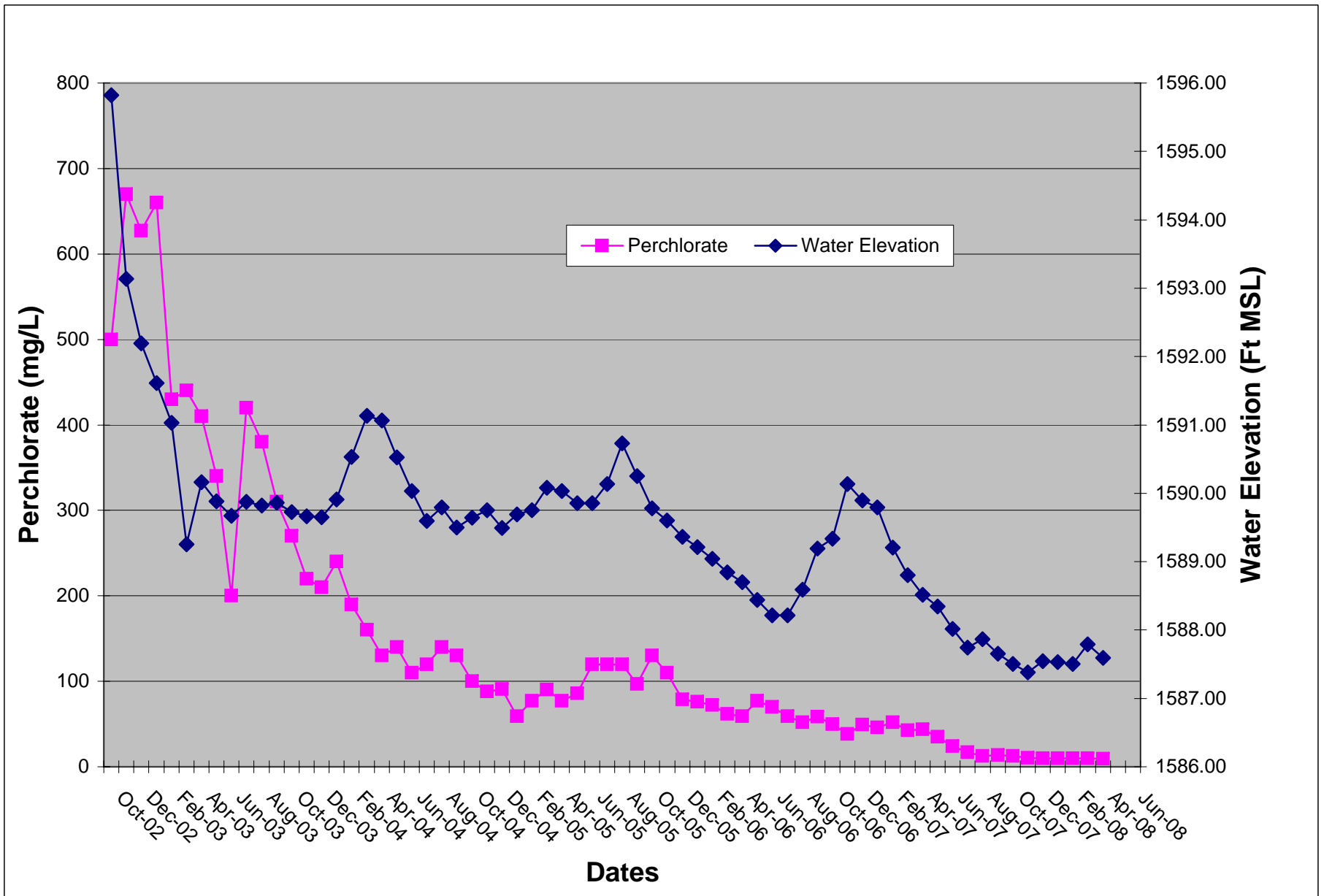


Figure 24: City of Henderson WRF Well Line Perchlorate Concentration Trend Graph

Tronox LLC, Henderson, Nevada

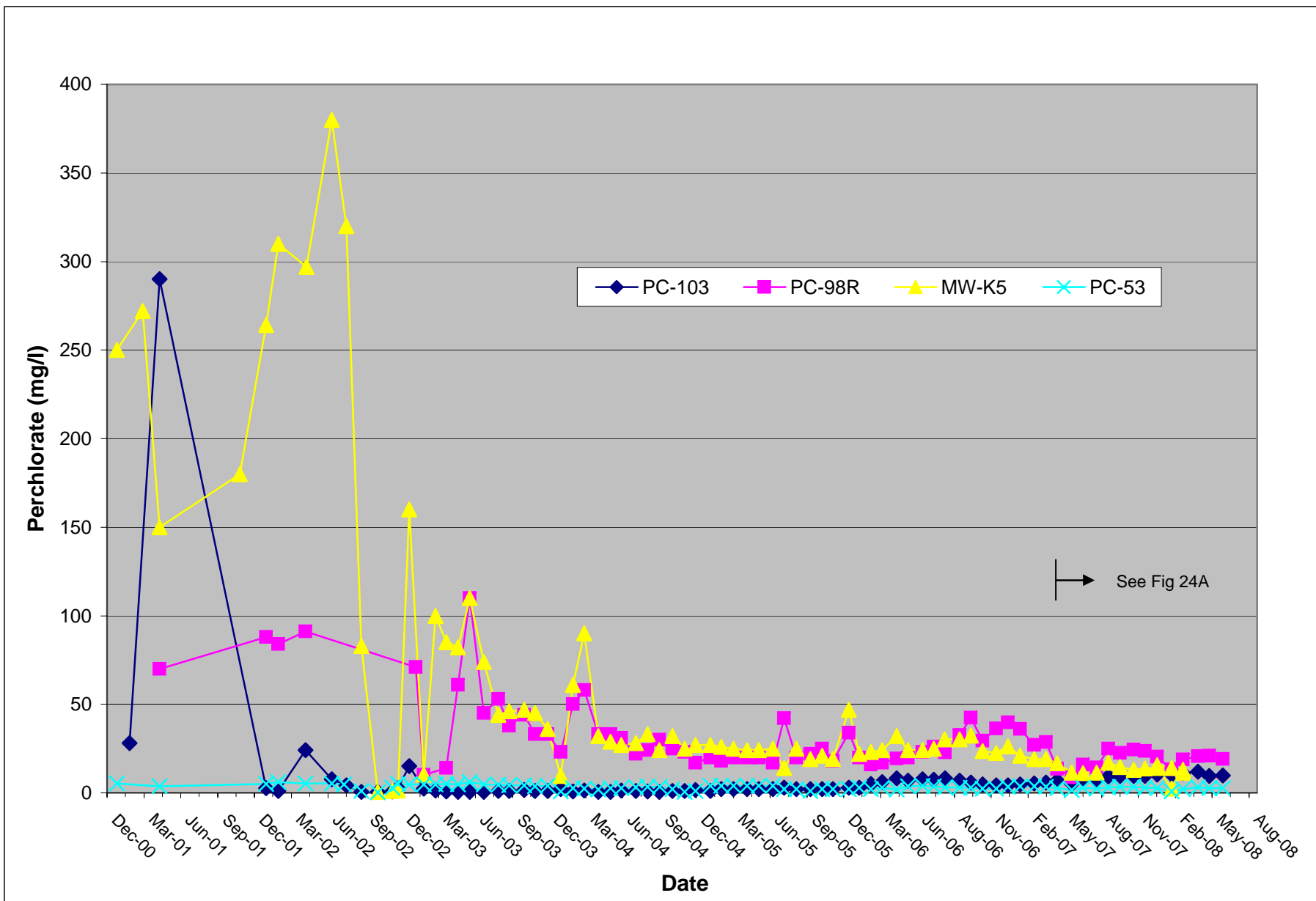


Figure 24A: COH WRF Well Line Perchlorate Concentration Graph, April 2007 - June 2008

Tronox LLC, Henderson, Nevada

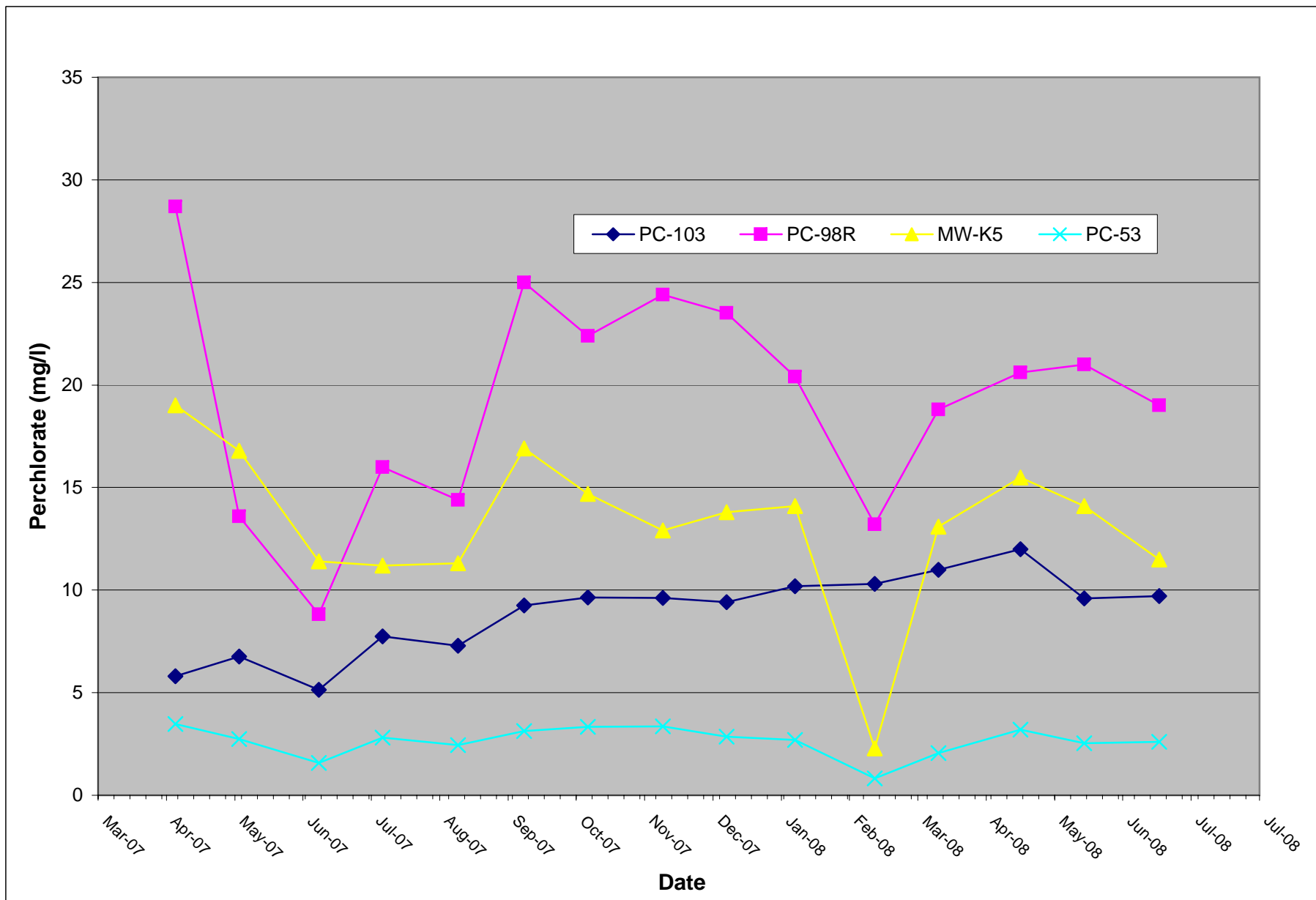


Figure 25: City of Henderson WRF Perchlorate Concentration Section Graph

Tronox LLC, Henderson, Nevada

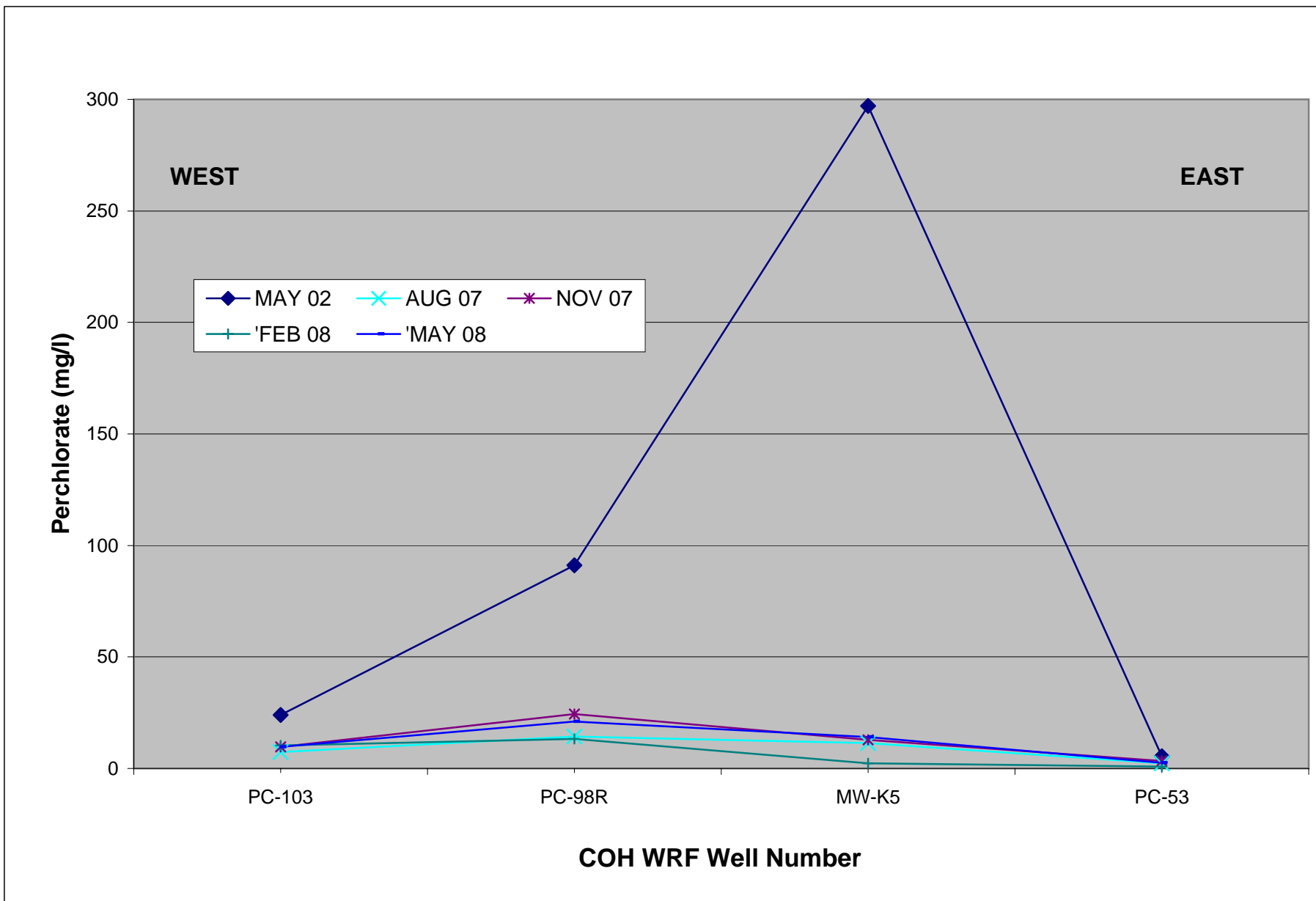


Figure 26: Well PC-98R Perchlorate Concentration vs. Water Elevation Trend Graph

Tronox LLC, Henderson, Nevada

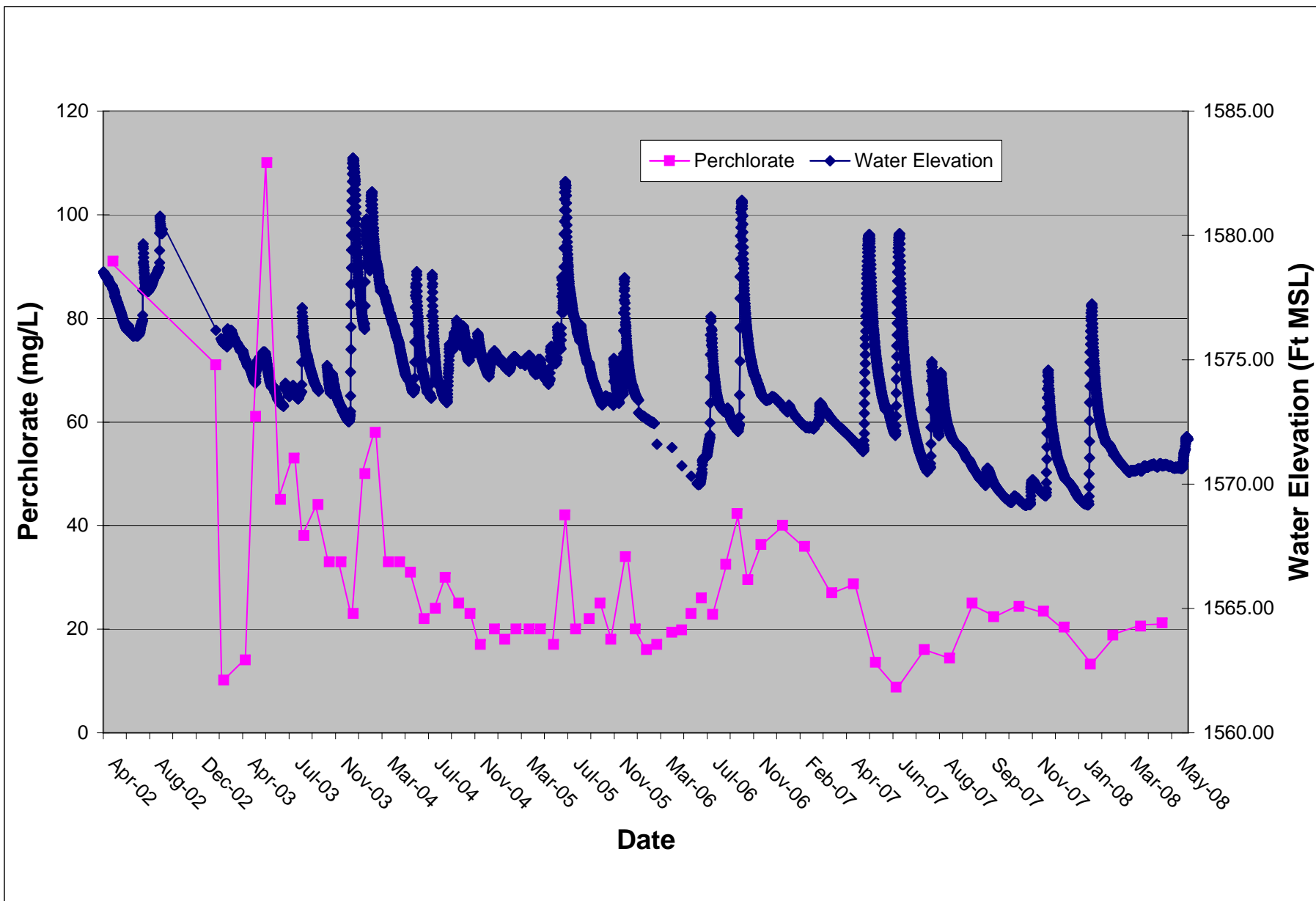


Figure 27: Lower Ponds Well Line Perchlorate Concentration Trend Graph

Tronox LLC, Henderson, Nevada

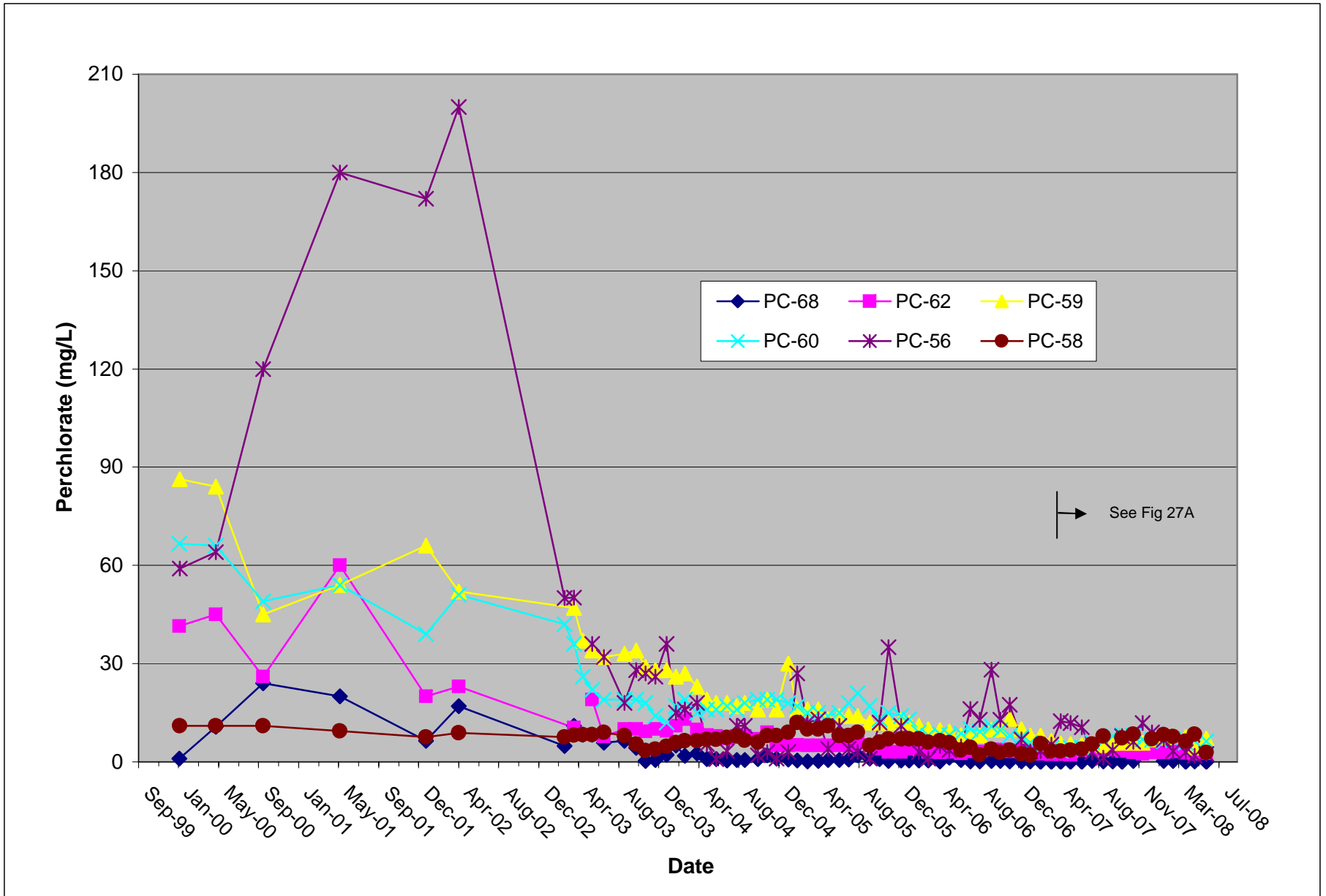


Figure 27A: Lower Ponds Well Line Perchlorate Concentration Trend Graph, April 2007 - June 2008

Tronox LLC, Henderson, Nevada

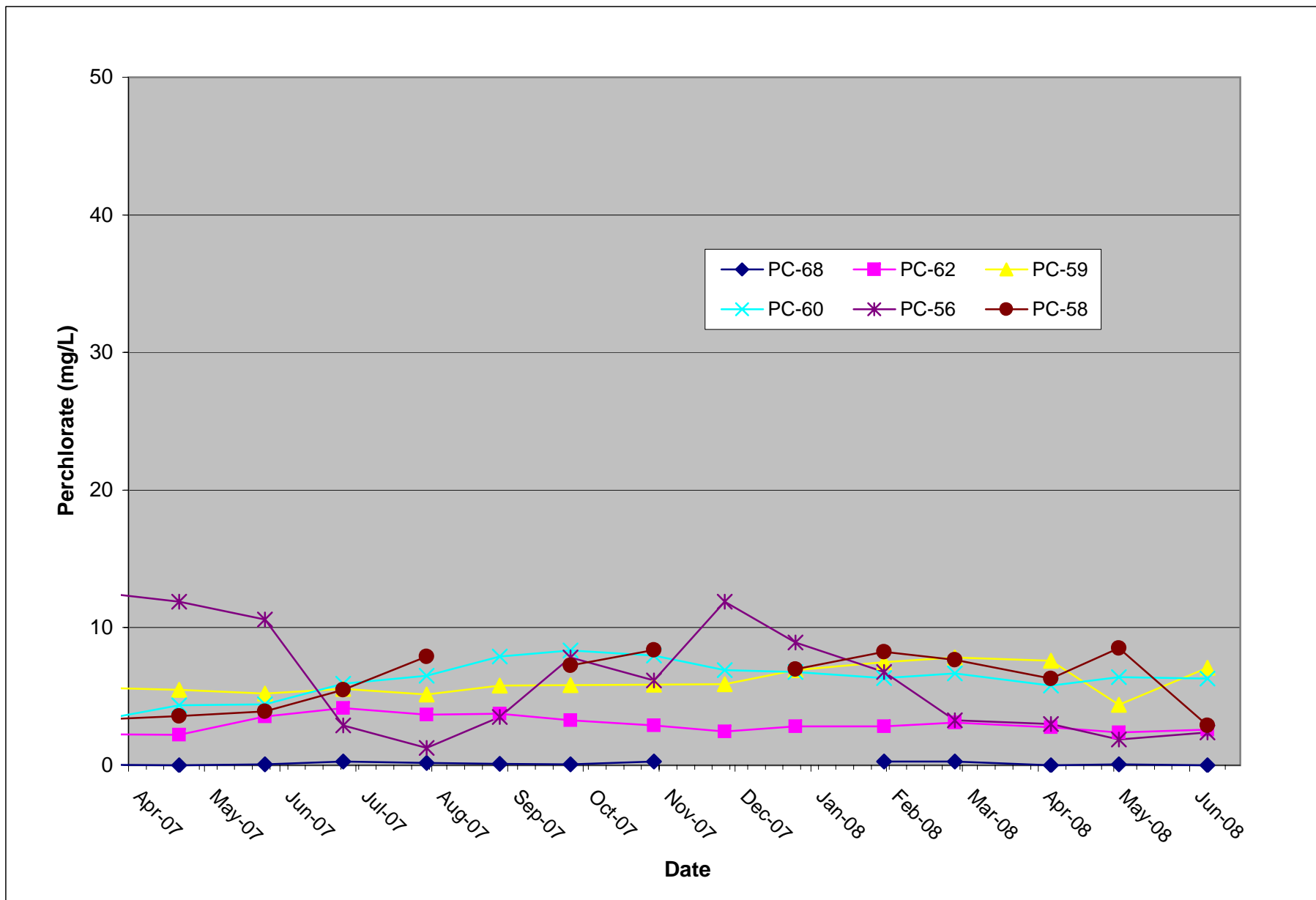


Figure 28: Lower Ponds Well Line Perchlorate Concentration Section Graph

Tronox LLC, Henderson, Nevada

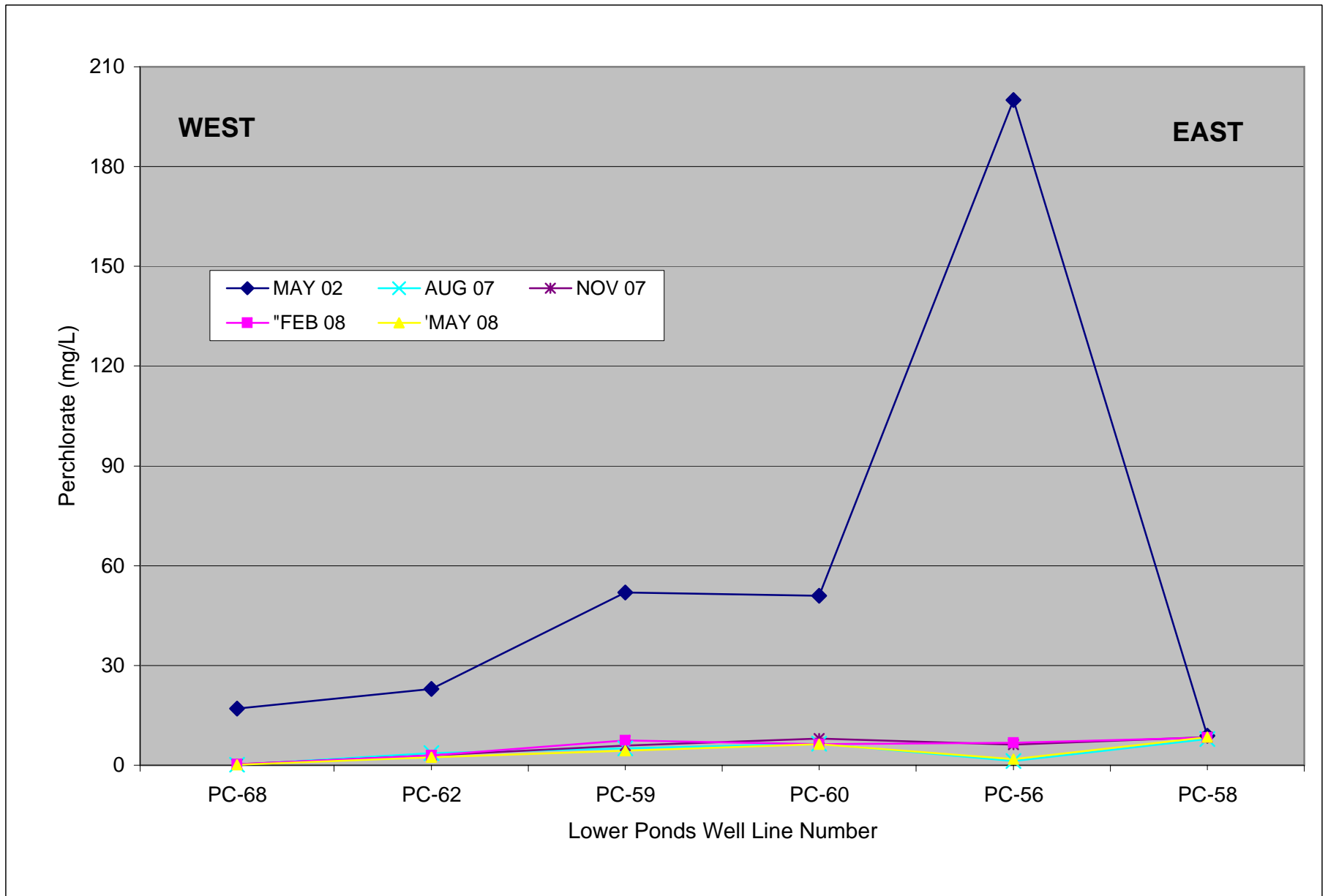


Figure 29: Seep Well Field Perchlorate Concentration Trend Graph

Tronox LLC, Henderson, Nevada

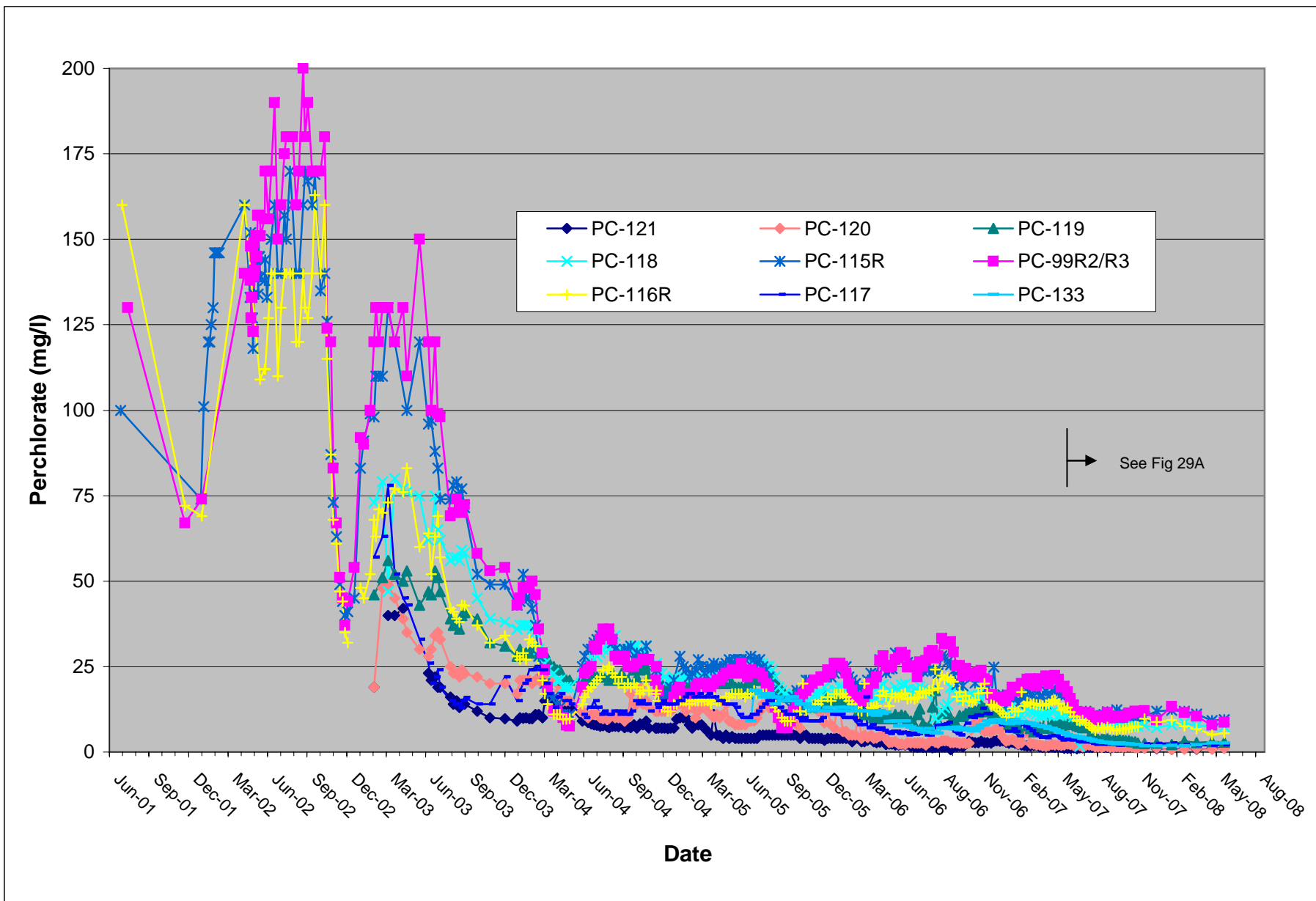


Figure 29A: Seep Well Field Perchlorate Concentration Trend Graph, April 2007 - June 2008

Tronox LLC, Henderson, Nevada

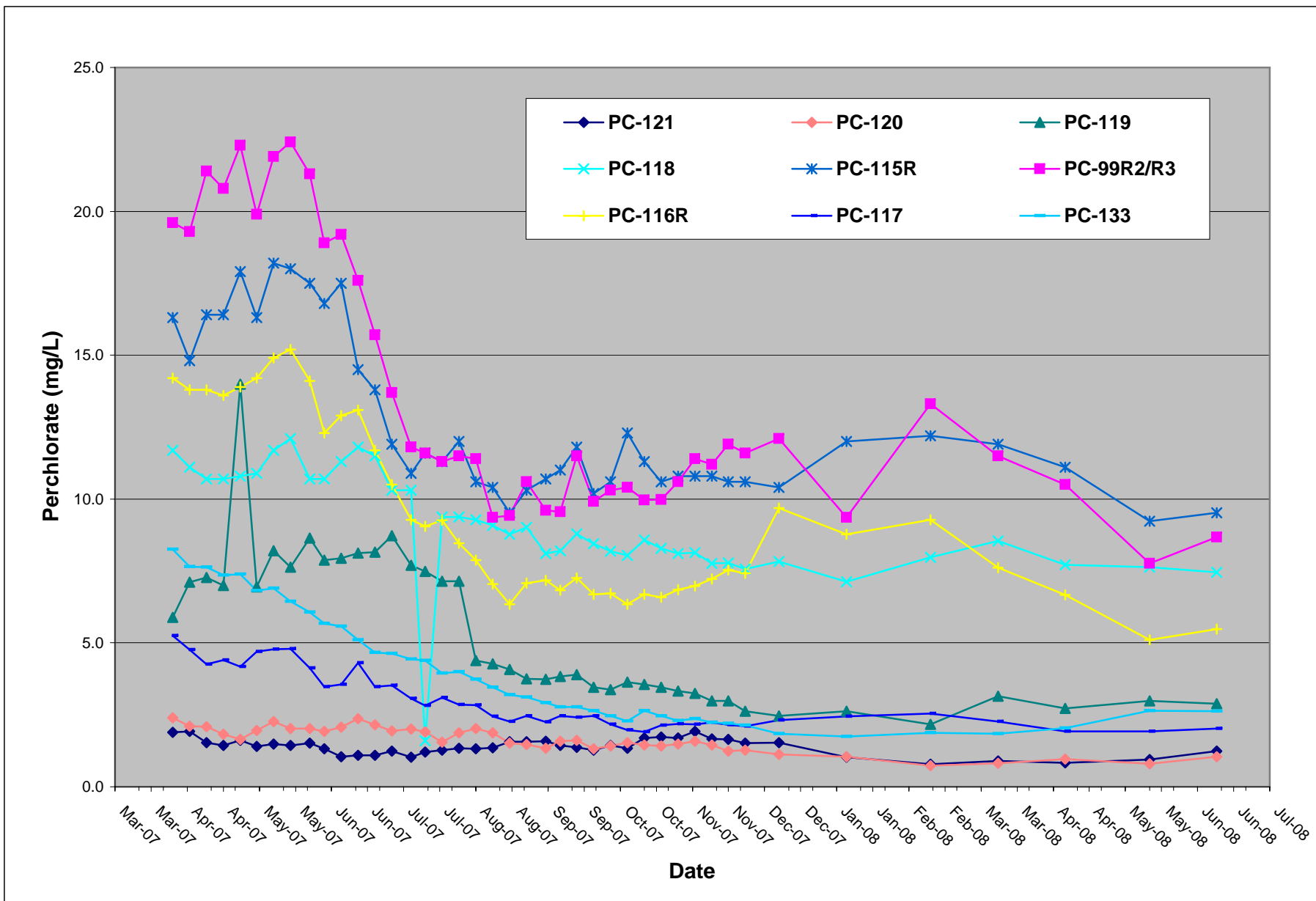


Figure 30: Well PC-97 Perchlorate vs. Water Elevation Trend Graph

Tronox LLC, Henderson, Nevada

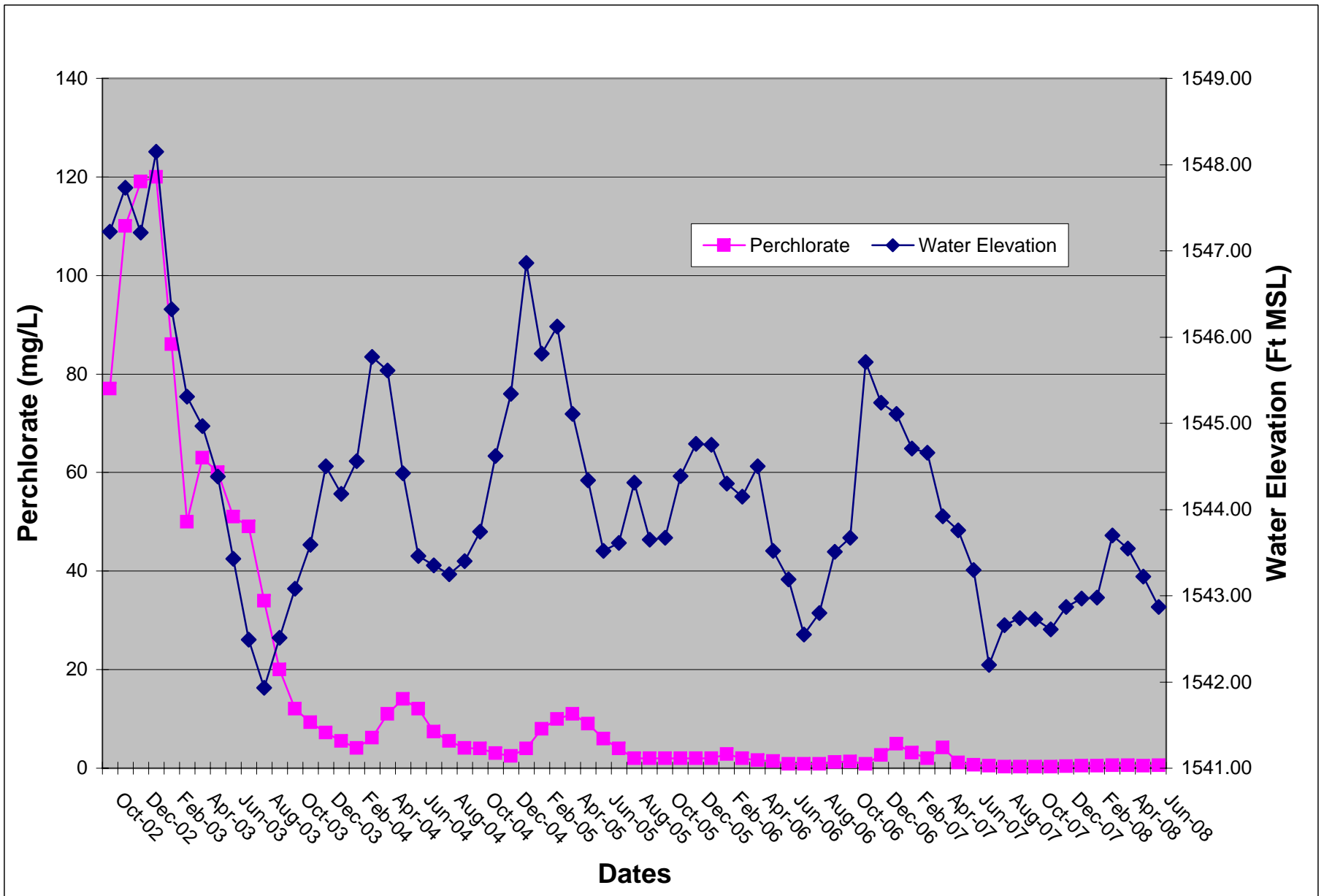


Figure 31: Seep WF Perchlorate Section Graph

Tronox LLC, Henderson, Nevada

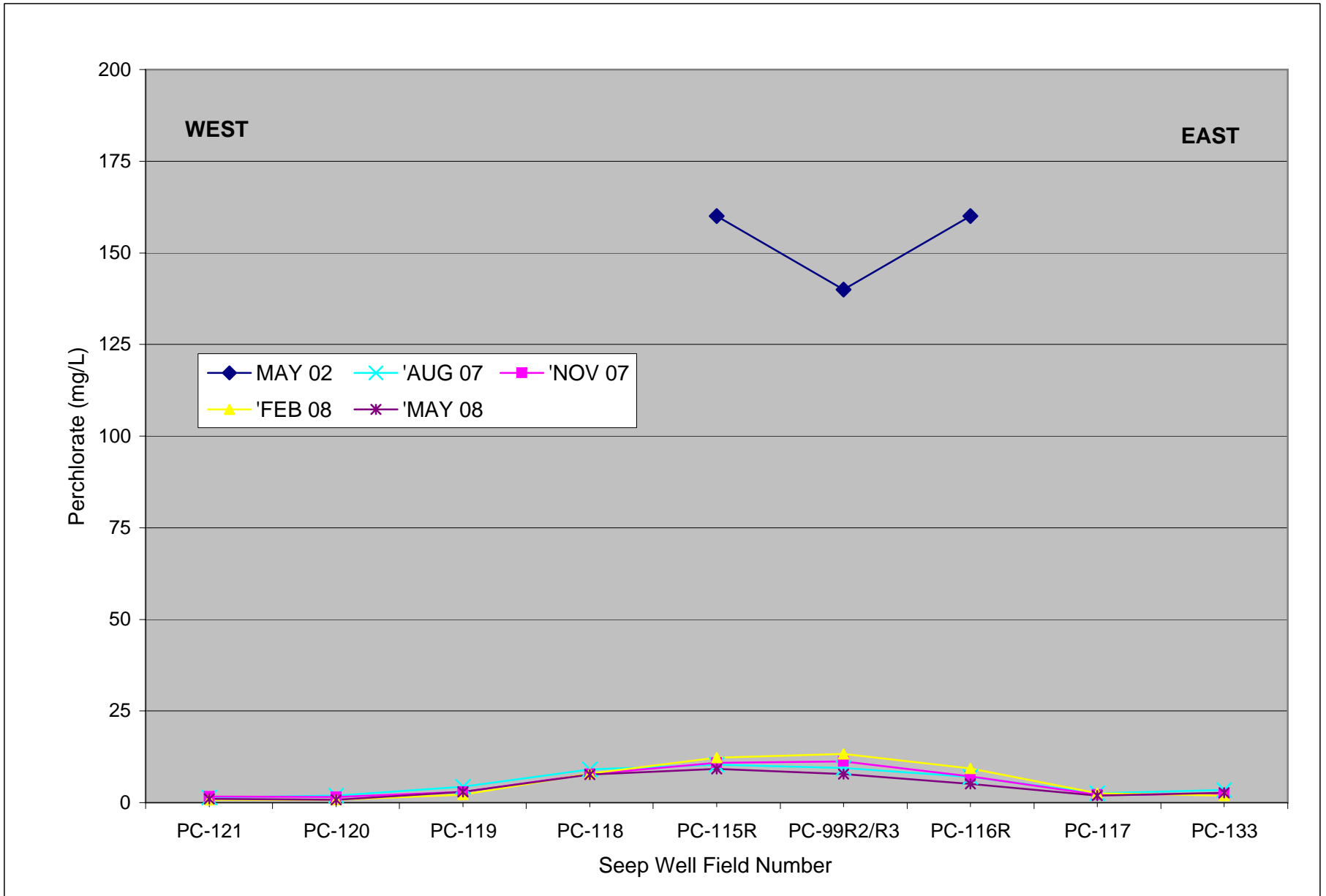


Figure 32: Seep WF Total Dissolved Solids Section Graph

Tronox LLC, Henderson, Nevada

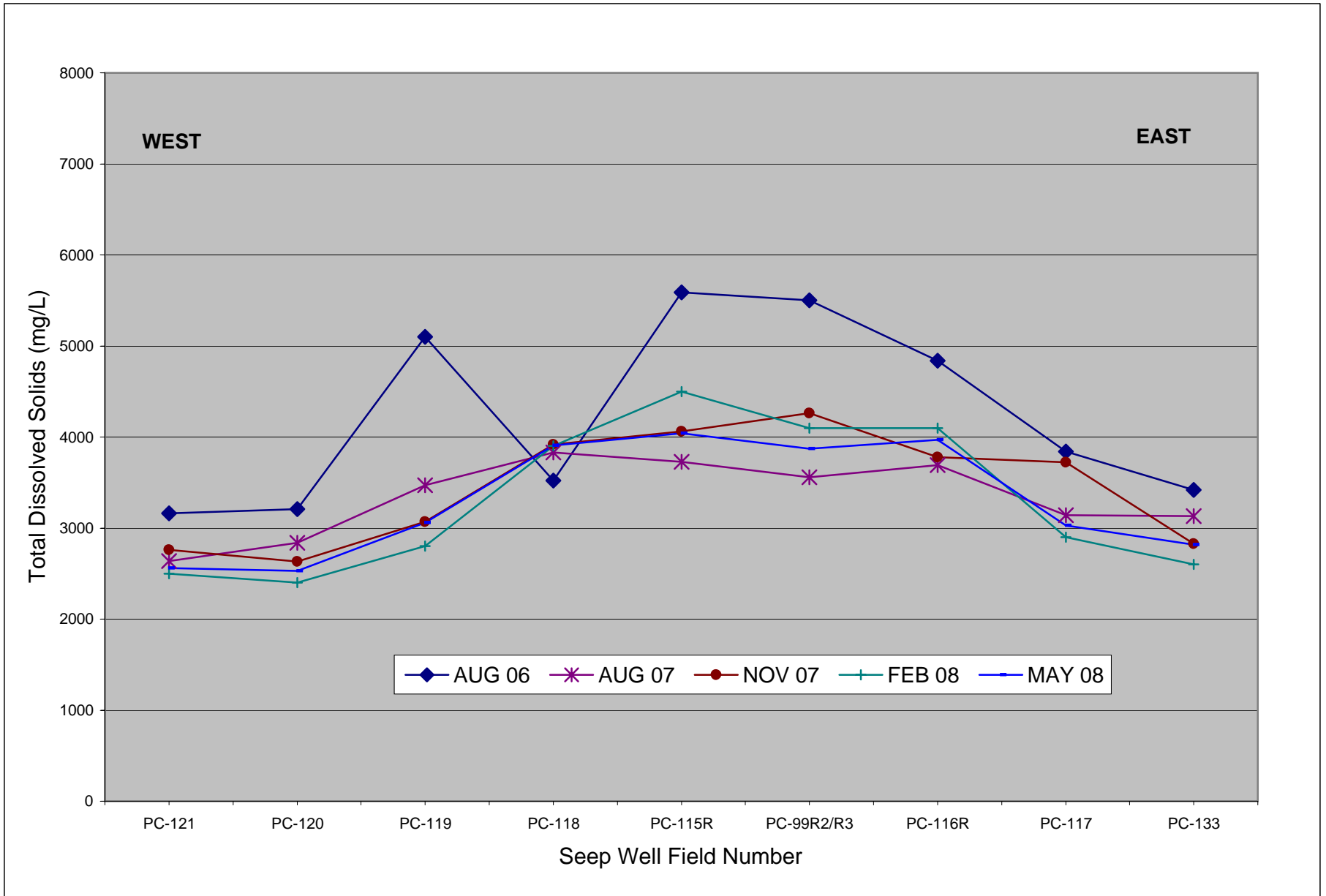


Figure 33: Seep Area Average Perchlorate Concentration and Mass Removed

Tronox LLC, Henderson, Nevada

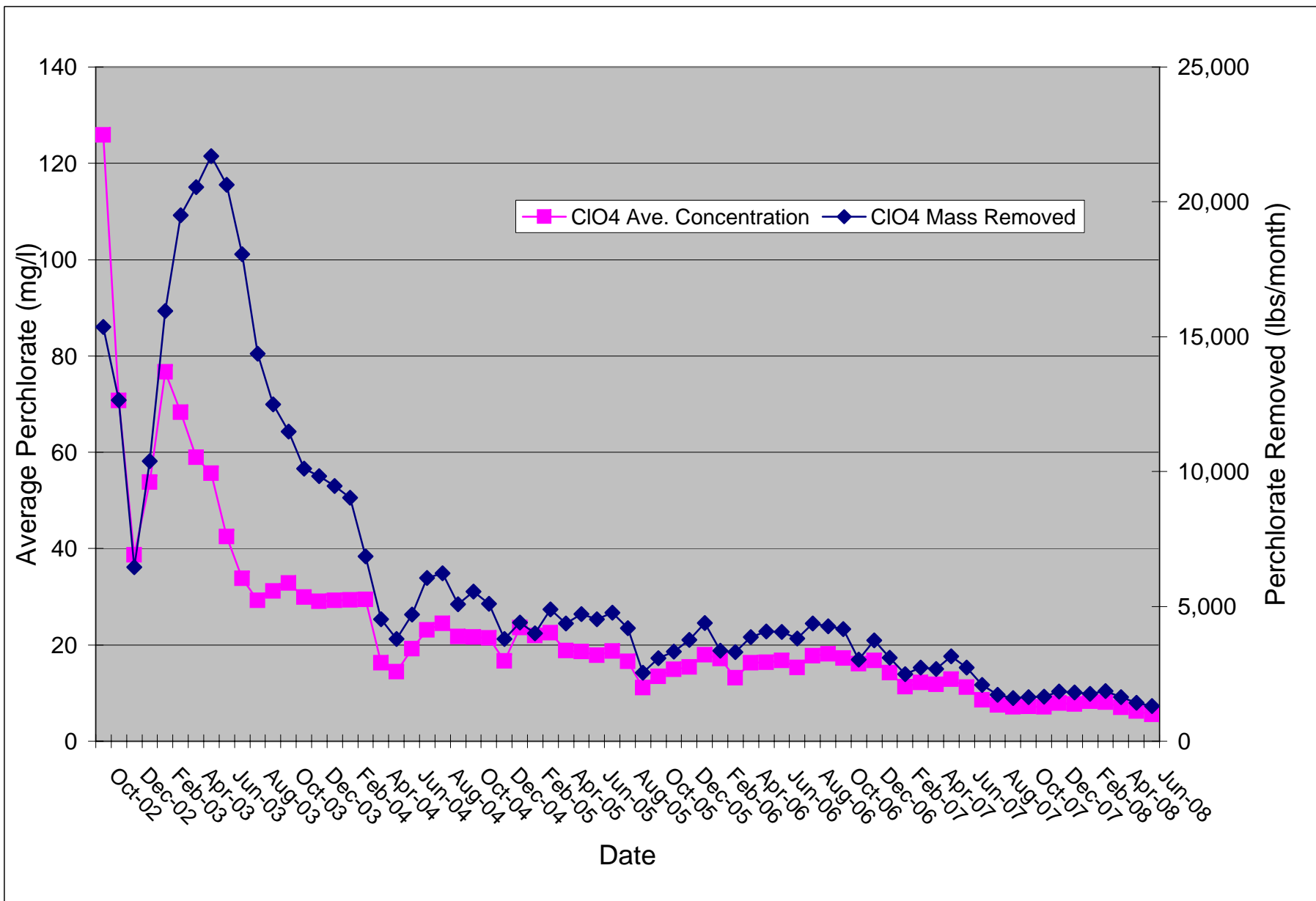


Figure 34: Seep Stream Flow vs. Perchlorate Concentration Trend Graph

Tronox LLC, Henderson, Nevada

