

**LEGEND**

- Sampled Monitor Well
- ▲ Recovery Well
- A-A' Cross Section Line
- ★ Seep Pumping Station

**LAND OWNERSHIP**

- BMI
- Chemstar
- Pioneer
- Timet
- Tronox

SHEET NUMBER:	1
FIGURE NUMBER:	1

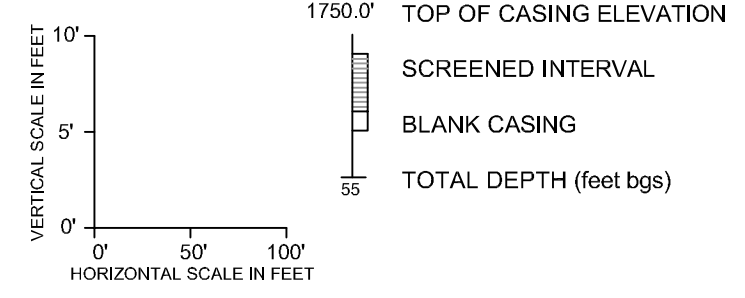
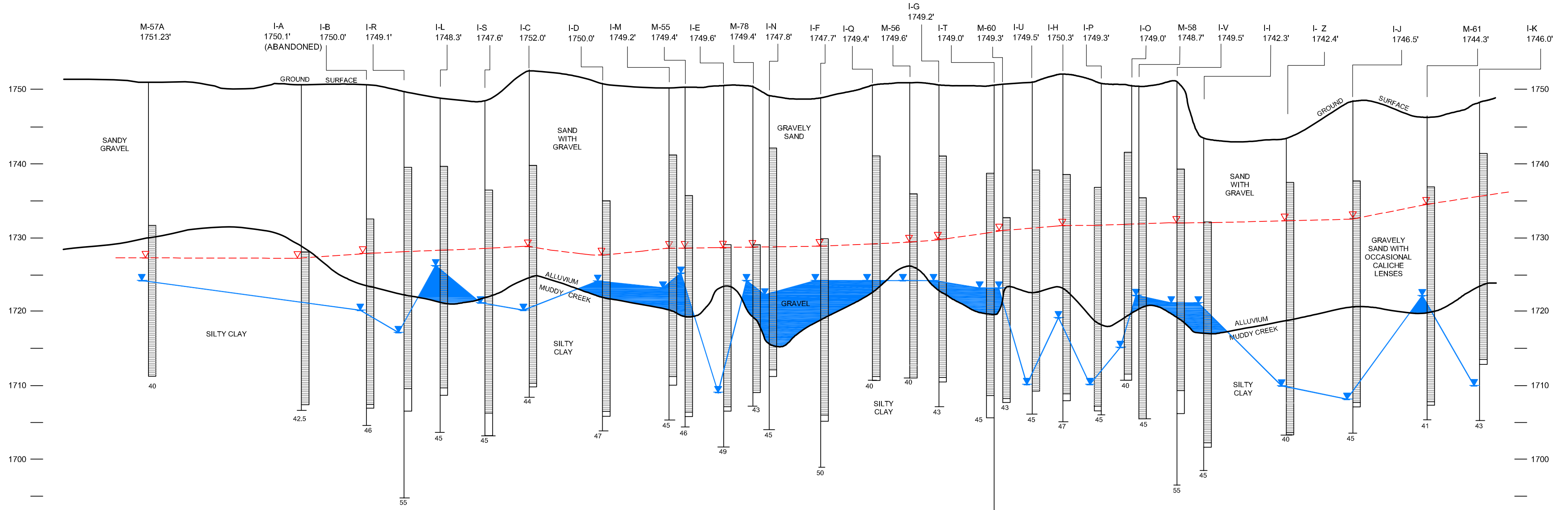
LOCATION MAP		
Semi-Annual Performance Report		
Tronox Facility		
Henderson, Nevada		
SCALE:	DATE:	PROJECT NUMBER:
1" = 1,500'	January 2007	04020-023-110

**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:	BY:
DRAWN BY:				
T. McAdam				
CHECKED BY:				
E. Krish				
APPROVED BY:				
D. Gerry				

**A WEST** **A' EAST**



- ▽ STATIC WATER LEVEL PRIOR TO INITIAL PUMPING: SEPTEMBER 14, 1987
- ▼ GROUNDWATER LEVELS MEASURED NOVEMBER 2006
- AREA OF SATURATED ALLUVIUM

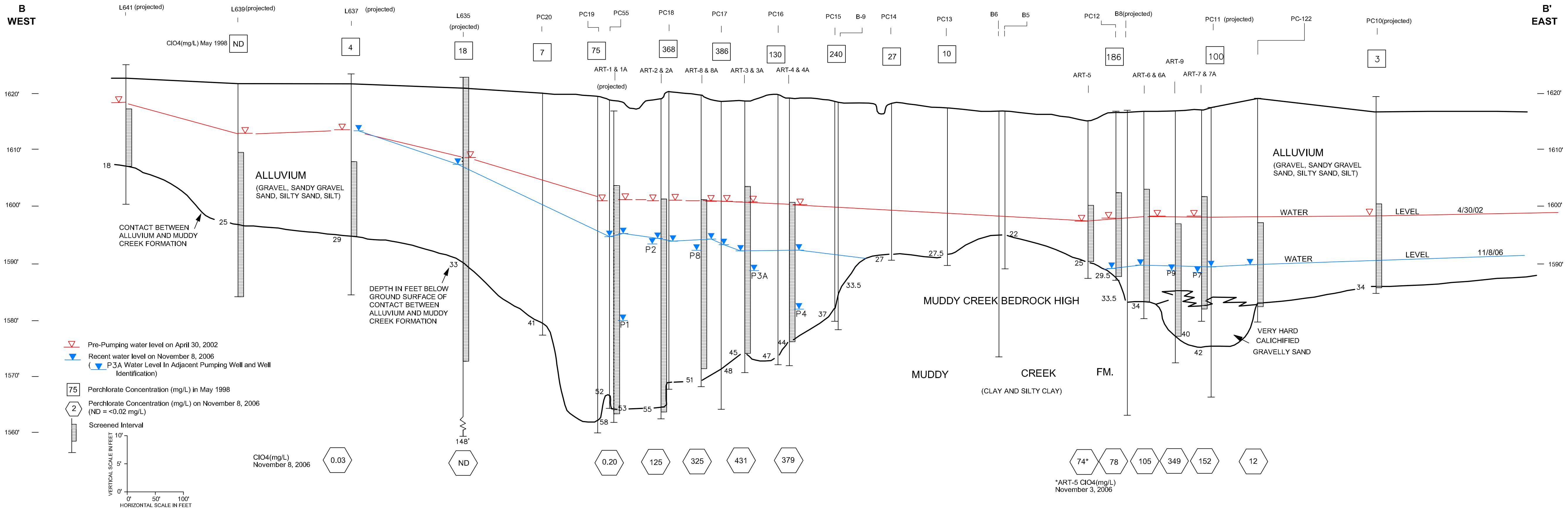
DESIGNED BY:	E. Krish
DRAWN BY:	M. Scop
CHECKED BY:	E. Krish
APPROVED BY:	D. Gerry

**ENSR CORPORATION**  
 1720 AVENIDA ACASO  
 CAMARILLO, CALIFORNIA 93012  
 PHONE: (805) 388-3775  
 FAX: (805) 388-3577  
 WEB: HTTP://WWW.ENSUR.AECOM.COM

**WEST - EAST HYDROGEOLOGIC CROSS SECTION A-A' INTERCEPTOR WELL FIELD NOVEMBER 2006**  
 Semi-Annual Performance Report  
 Tronox Facility, Henderson, Nevada

SCALE:	as noted
DATE:	1/24/2007
PROJECT NUMBER:	04020-023-110

FIGURE NUMBER:  
2  
 SHEET NUMBER:  
 X



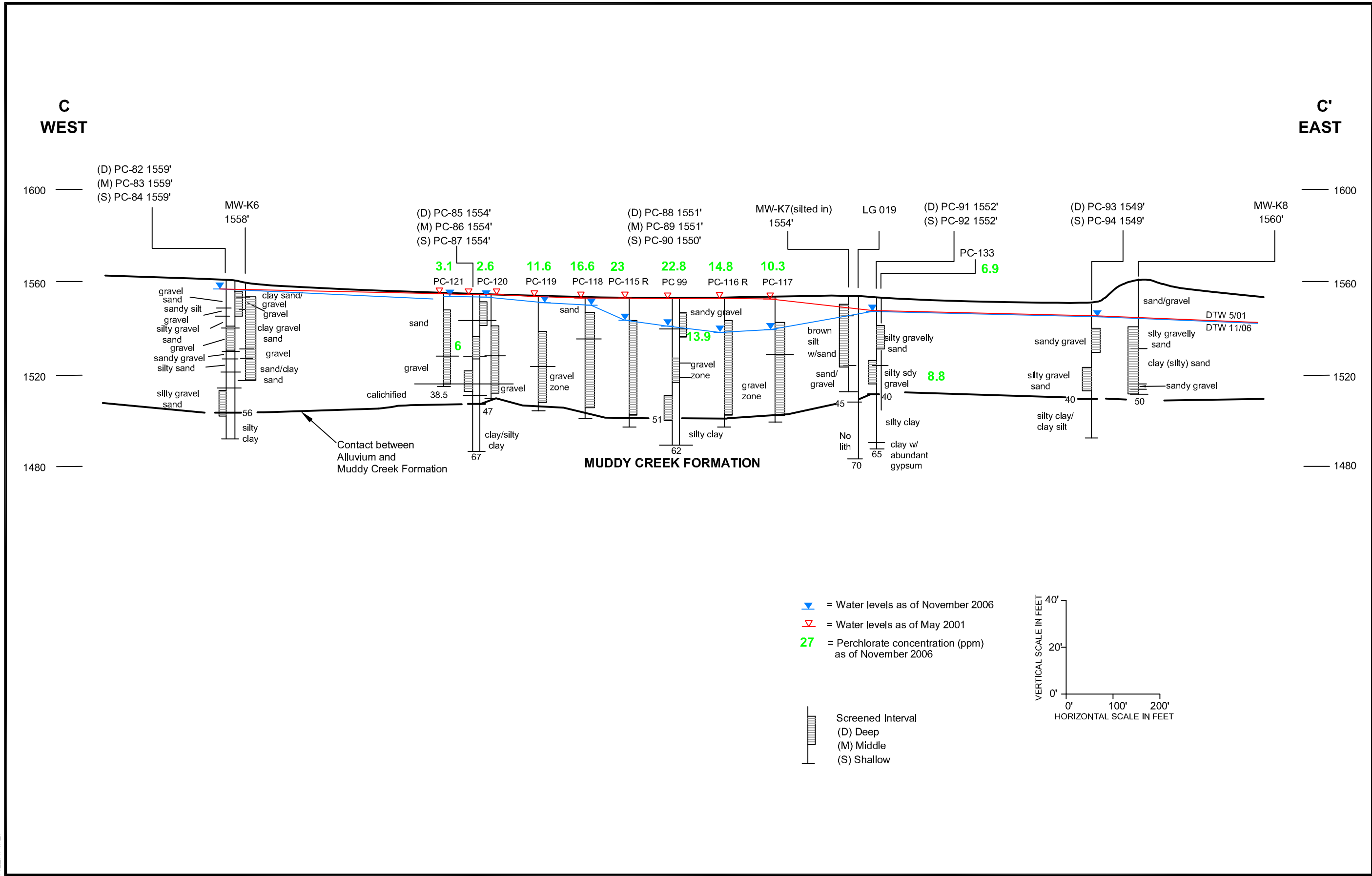
DESIGNED BY: E. Krish  
 DRAWN BY: M. Scop  
 CHECKED BY: E. Krish  
 APPROVED BY: D. Gerry

ENSR CORPORATION  
 1220 AVENIDA ACASO  
 ALHAMBRA, CALIFORNIA 93012  
 PHONE: (605) 388-3775  
 FAX: (605) 388-3877  
 WEB: HTTP://WWW.ENSRAECOM.COM

WEST - EAST HYDROGEOLOGIC CROSS SECTION B-B' ATHENS ROAD WELL FIELD NOVEMBER 2006  
 Semi-Annual Performance Report  
 Tronox Facility, Henderson, Nevada  
 SCALE: as noted  
 DATE: 2/15/2007  
 PROJECT NUMBER: 04020023-110

FIGURE NUMBER: 3  
 SHEET NUMBER: X

FILENAME:



DESIGNED BY:	E. Krish
DRAWN BY:	M. Scop
CHECKED BY:	E. Krish
APPROVED BY:	D. Gerry

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

**WEST - EAST HYDROGEOLOGIC CROSS SECTION C-C' SEEP WELL FIELD NOVEMBER 2006**

Semi-Annual Performance Report  
 Tronox Facility, Henderson, Nevada

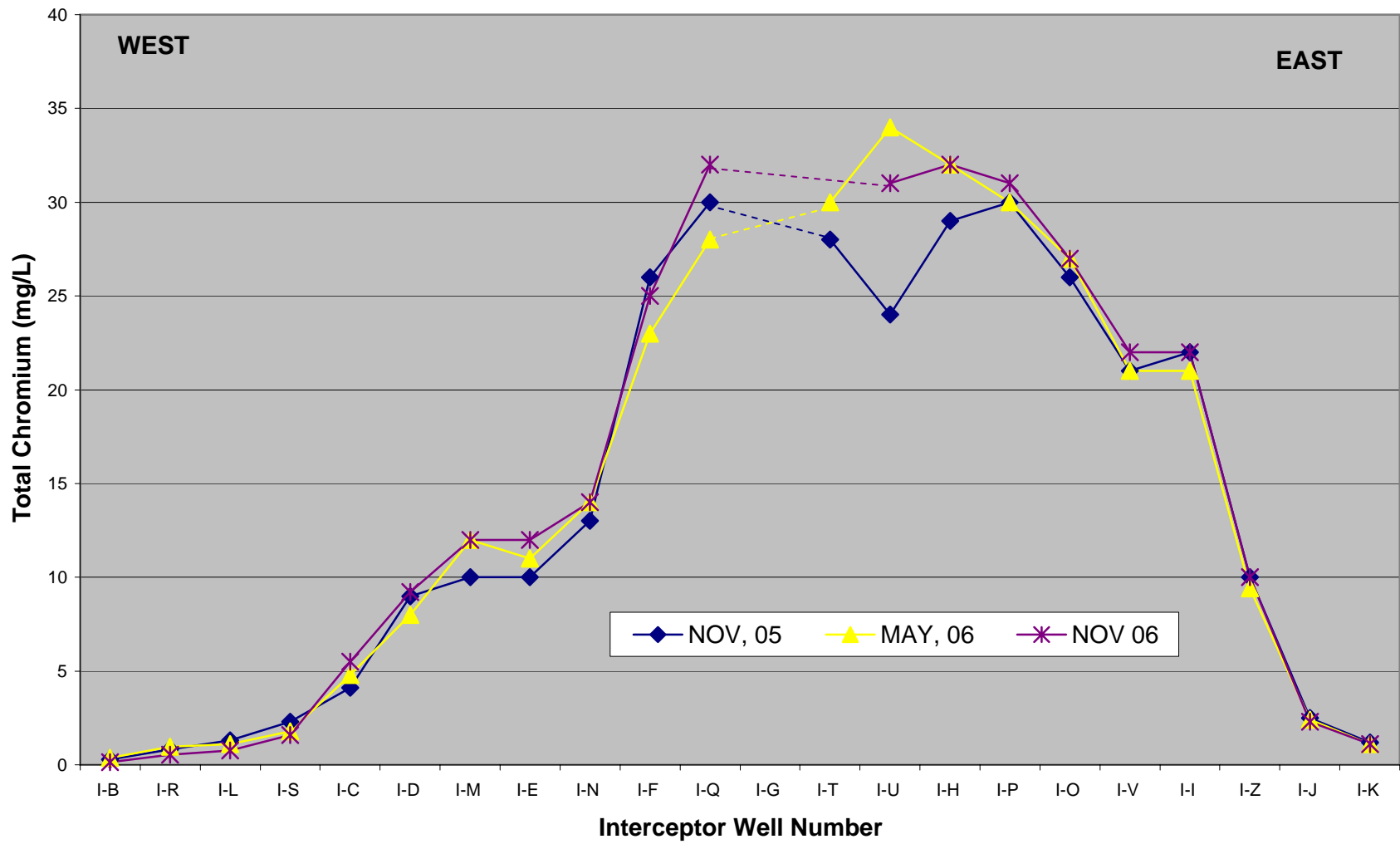
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 PROJECT NUMBER: 04020-023-110

SCALE: as noted

FIGURE NUMBER:  
4

SHEET NUMBER:  
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**FIGURE 5: INTERCEPTOR WELL FIELD TOTAL CHROMIUM SECTION GRAPH  
TRONOX LLC HENDERSON, NEVADA**



**FIGURE 6: ATHENS ROAD WELL FIELD TOTAL CHROMIUM SECTION GRAPH  
TRONOX LLC HENDERSON, NEVADA**

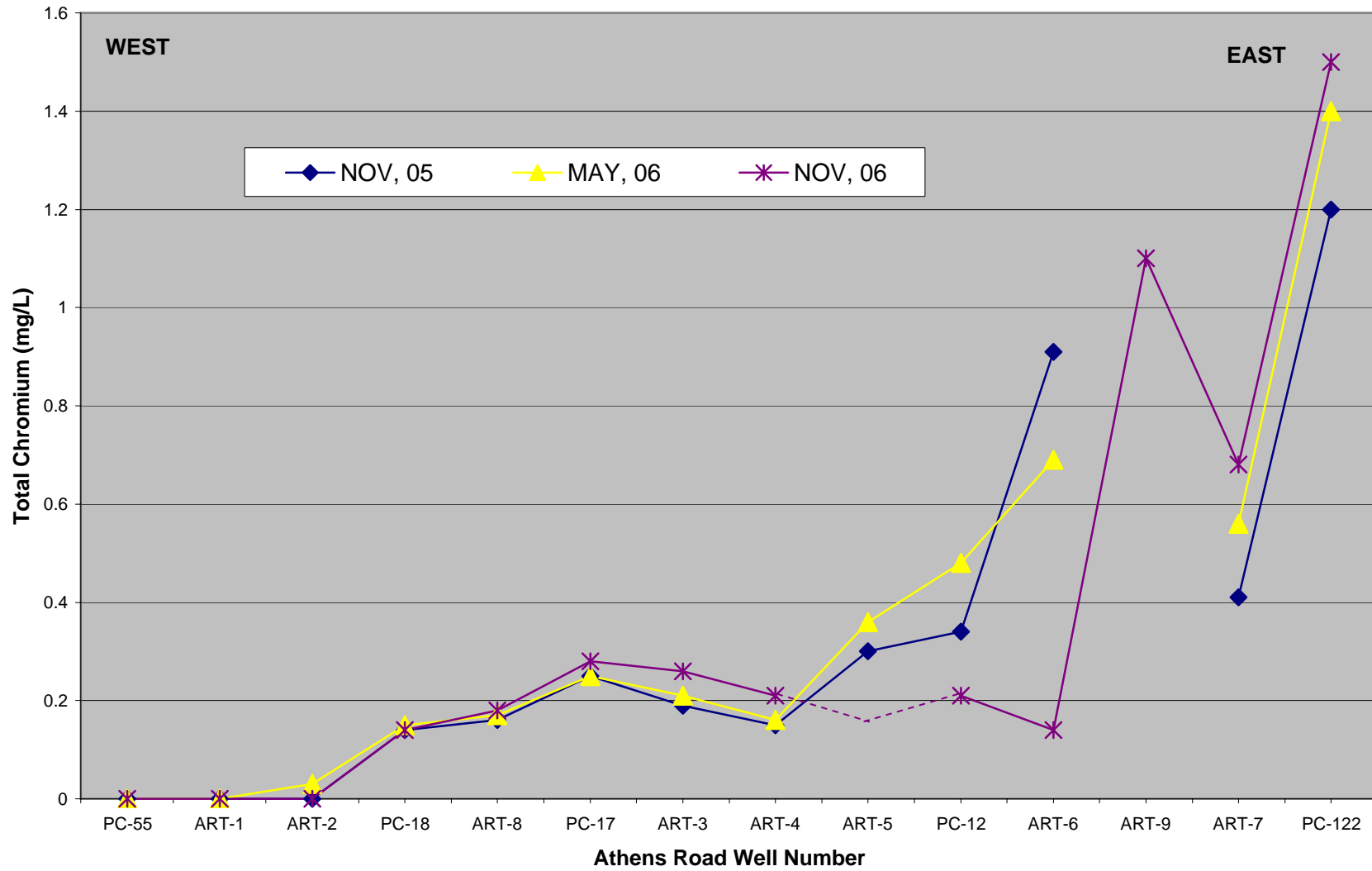
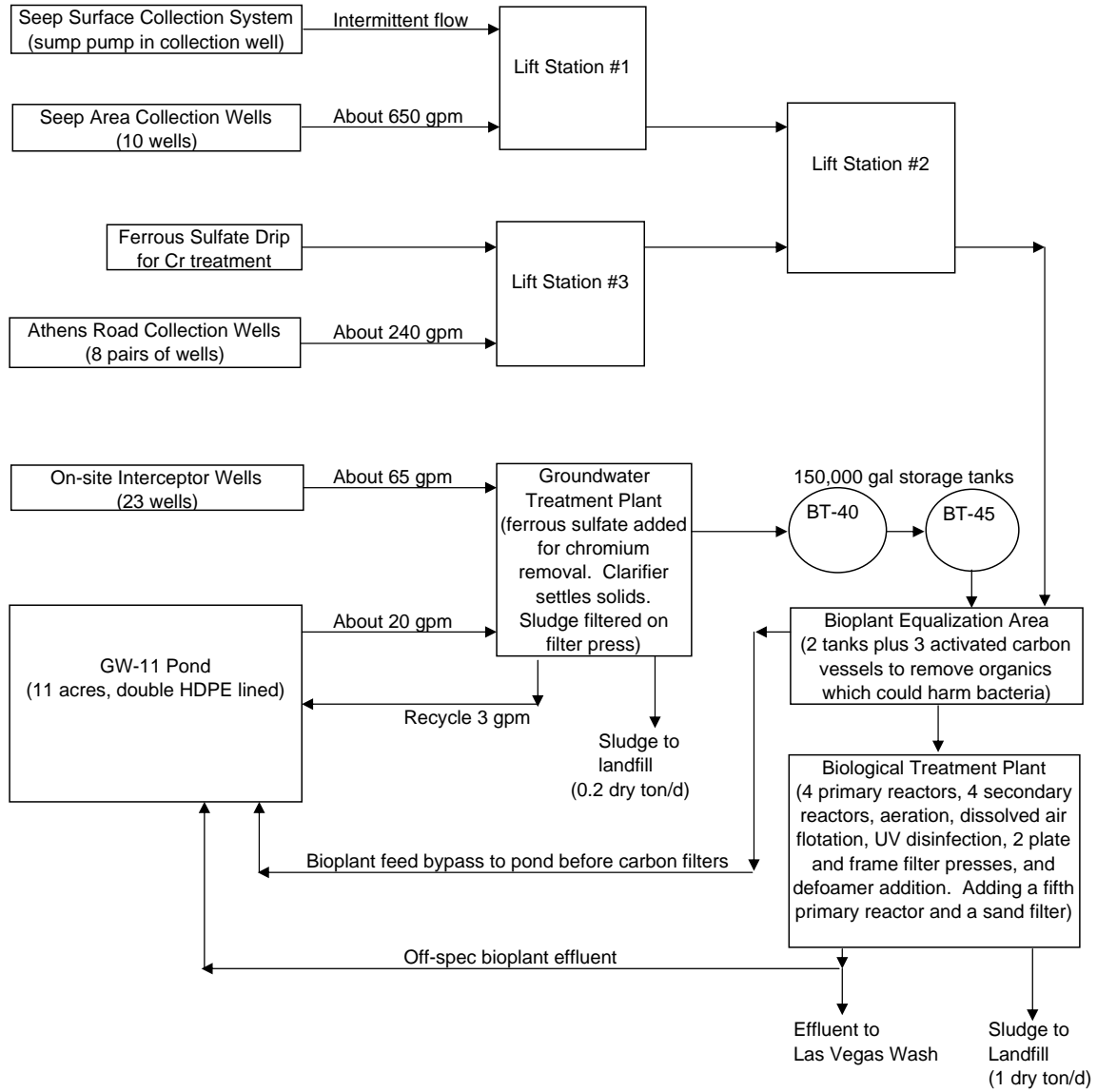
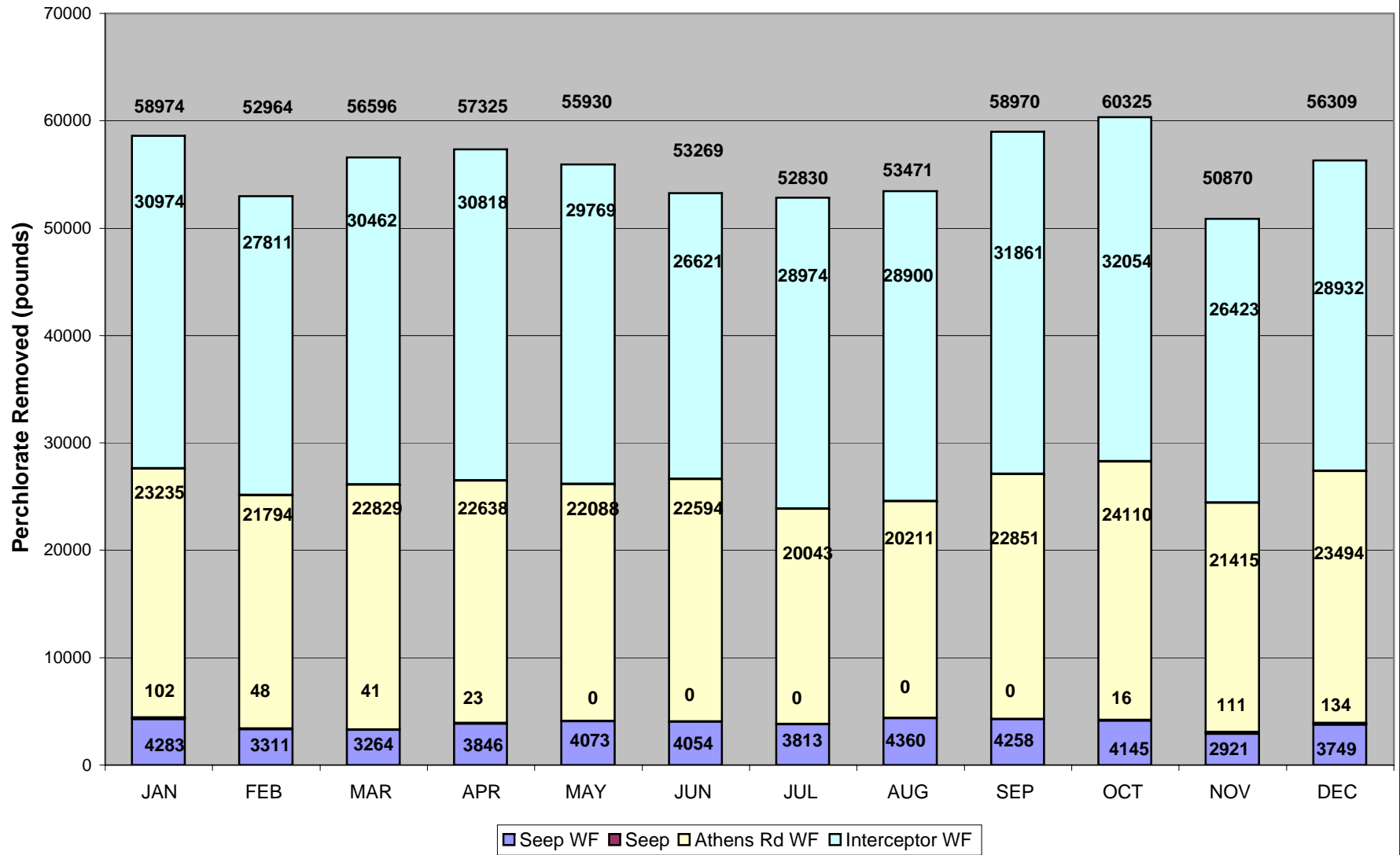


Figure 7  
Tronox Henderson Groundwater Treatment Block Flow Diagram

Last modified 7/17/2006

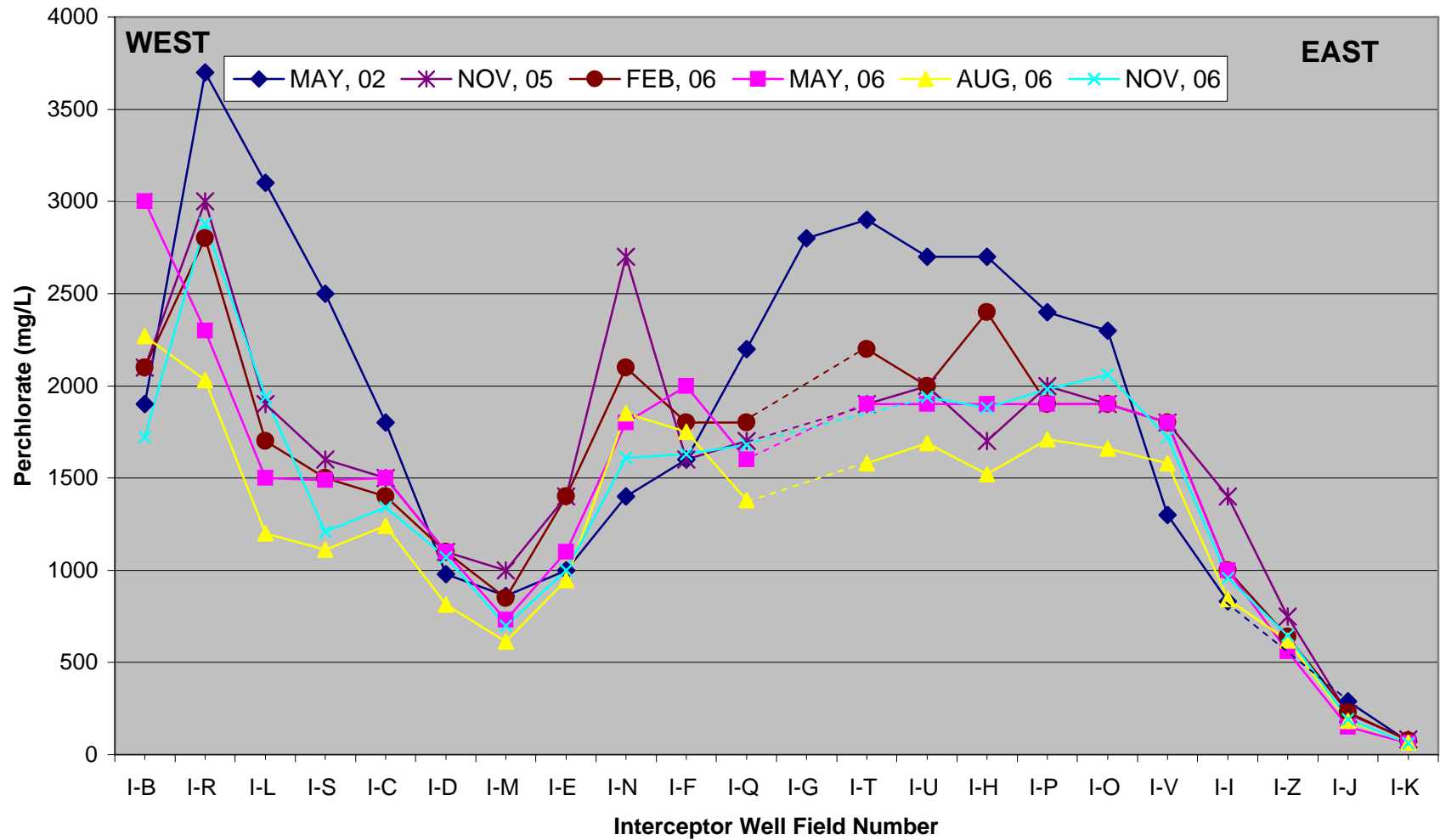


**FIGURE 8: PERCHLORATE REMOVED FROM THE ENVIRONMENT JANUARY TO DECEMBER 2006  
TRONOX LLC HENDERSON, NEVADA**

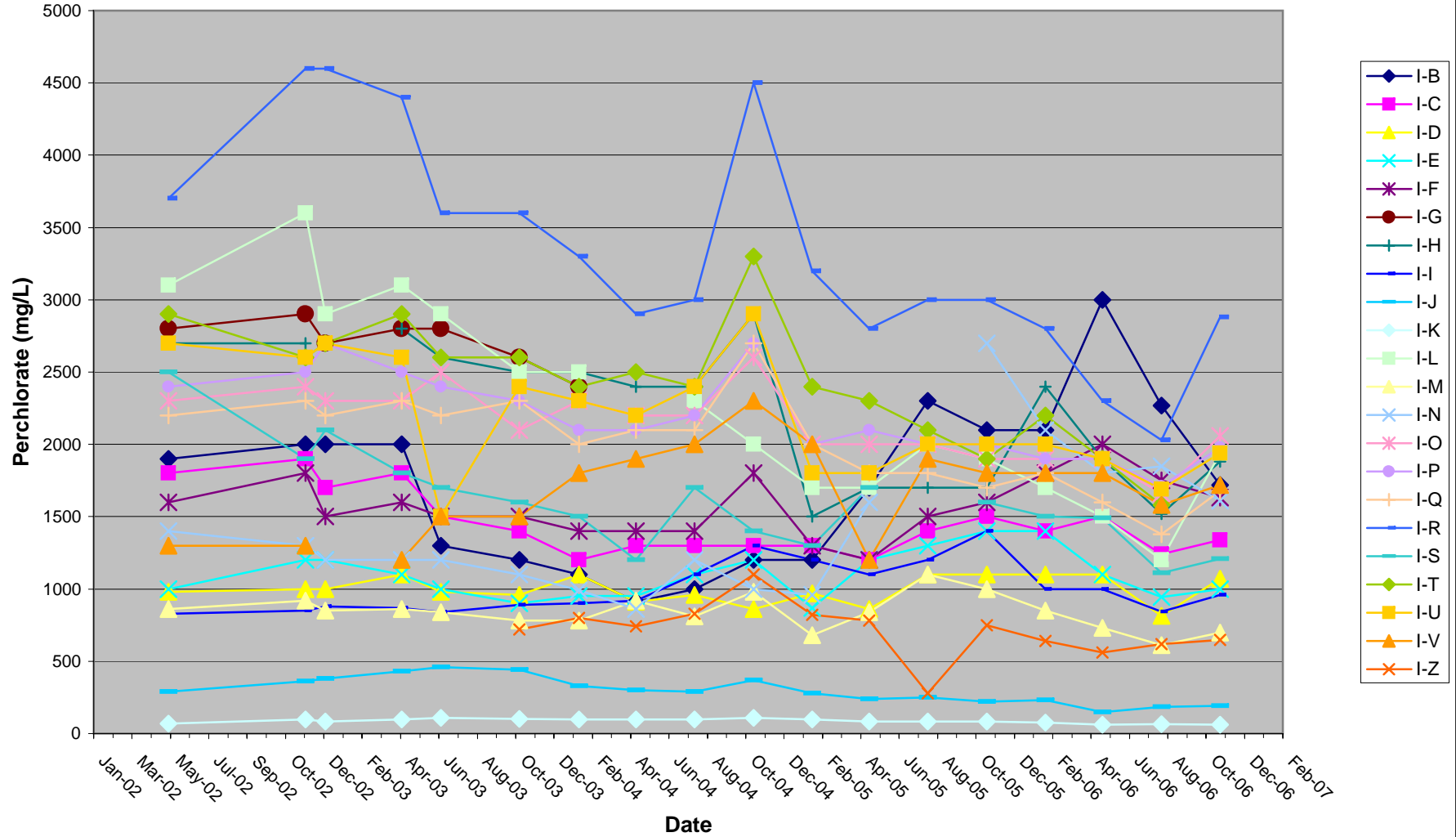




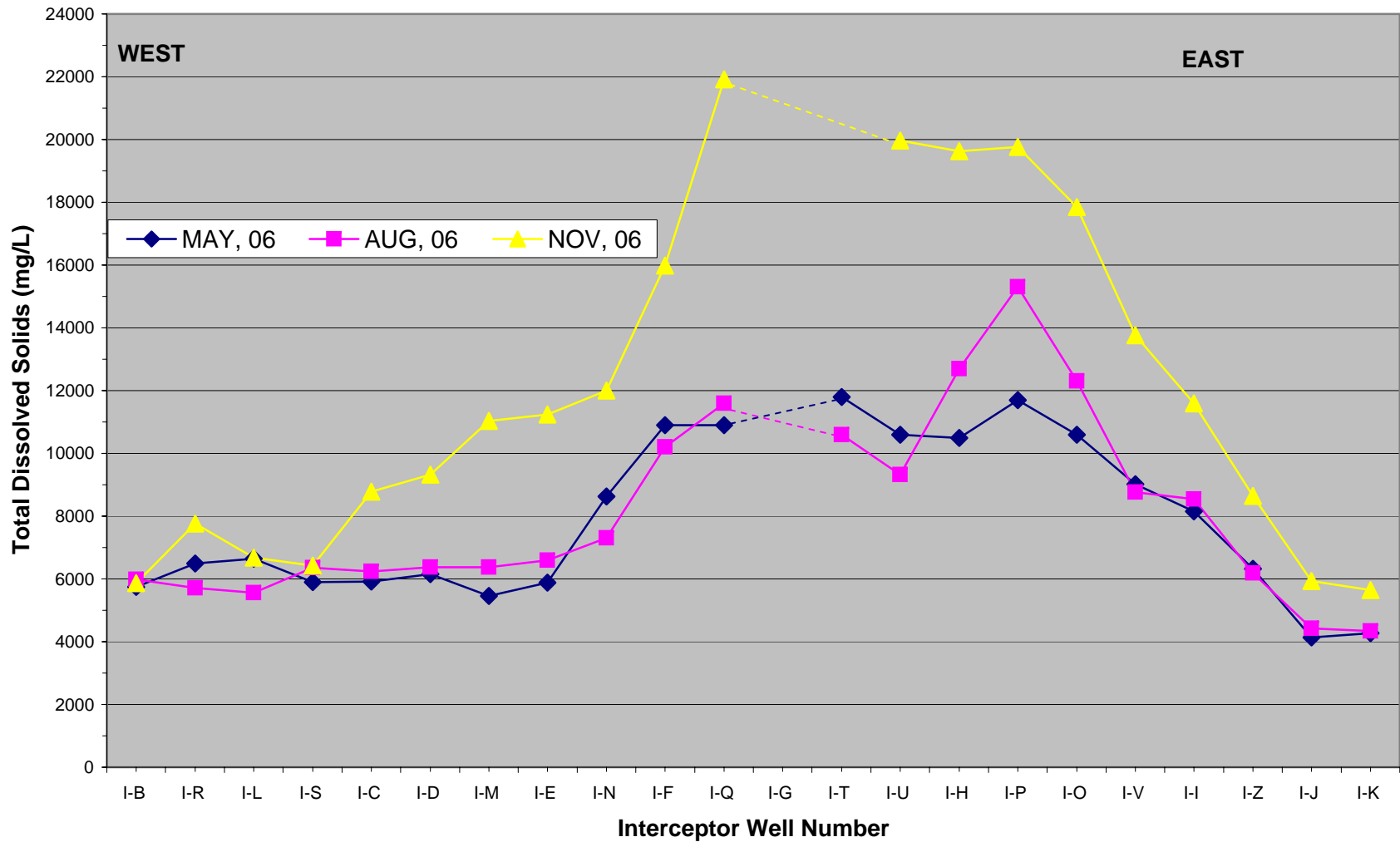
**FIGURE 9: INTERCEPTOR WELL FIELD PERCHLORATE SECTION GRAPH  
TRONOX LLC HENDERSON, NEVADA**



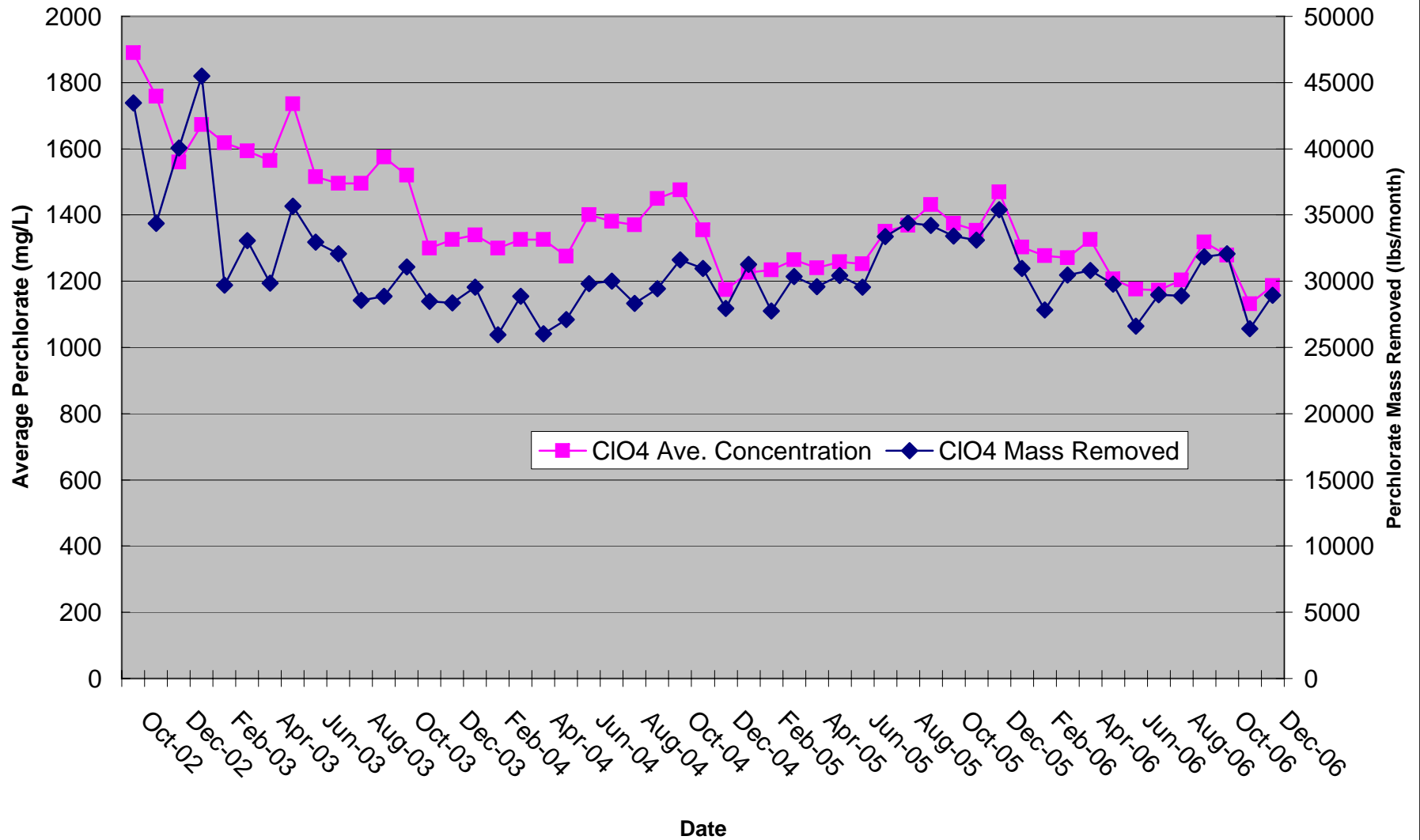
**FIGURE 10: INTERCEPTOR WELL FIELD PERCHLORATE TREND GRAPH  
TRONOX LLC HENDERSON, NEVADA**



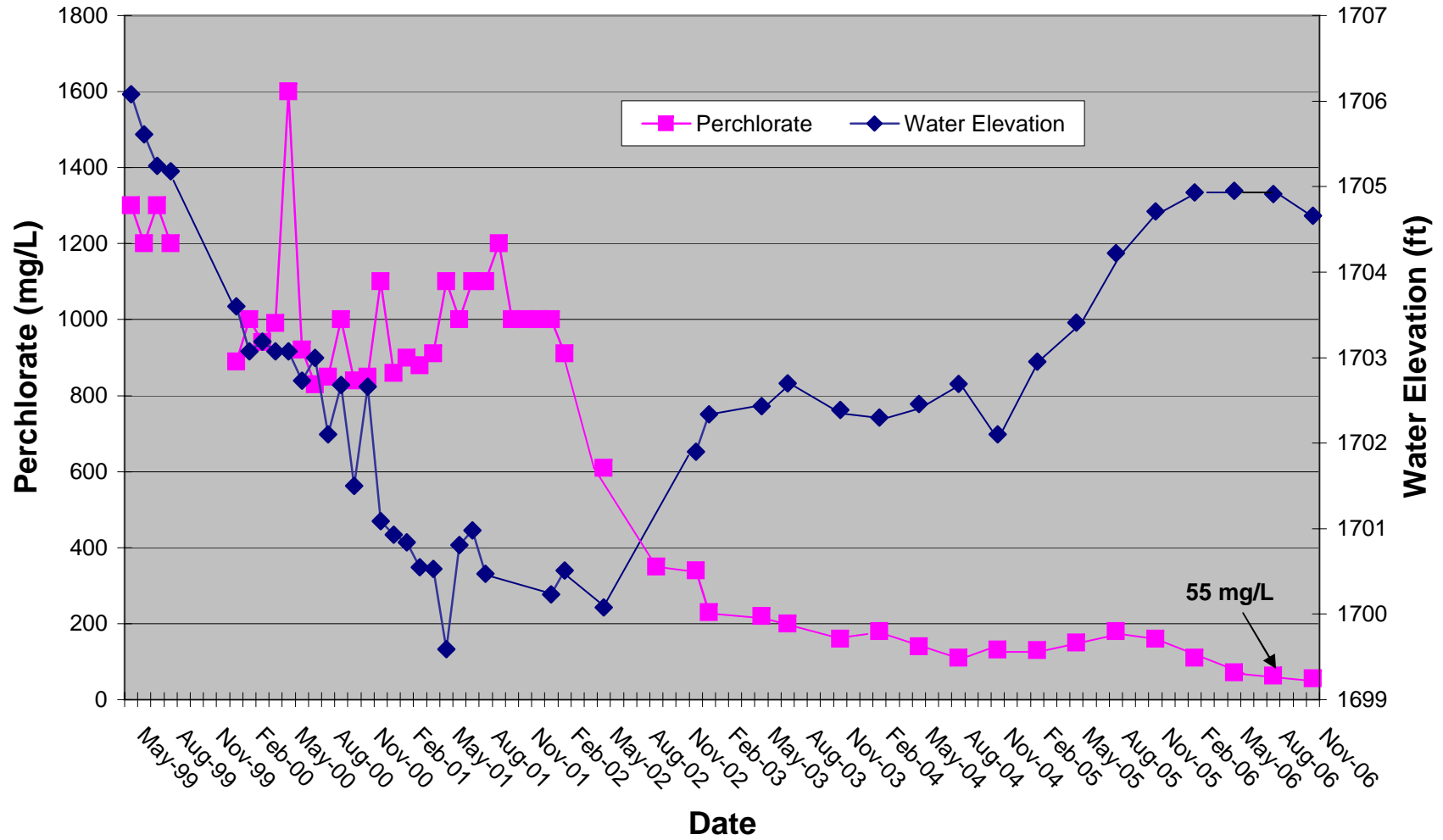
**FIGURE 11: INTERCEPTOR WELL FIELD TOTAL DISSOLVED SOLIDS SECTION GRAPH  
TRONOX LLC HENDERSON, NEVADA**



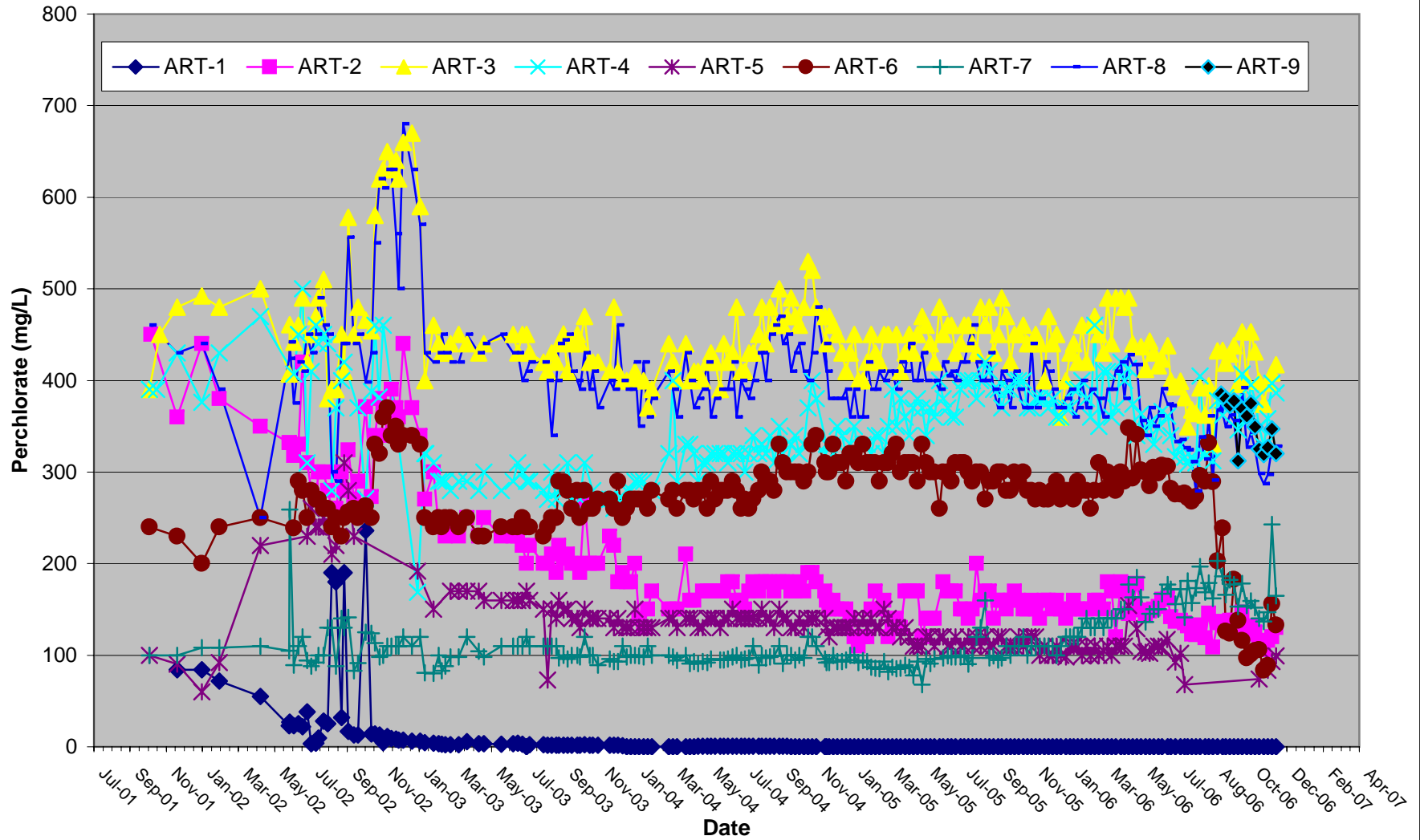
**FIGURE 12: INTERCEPTOR WELL FIELD AVERAGE PERCHLORATE CONCENTRATION AND MASS REMOVED TRONOX LLC HENDERSON, NEVADA**



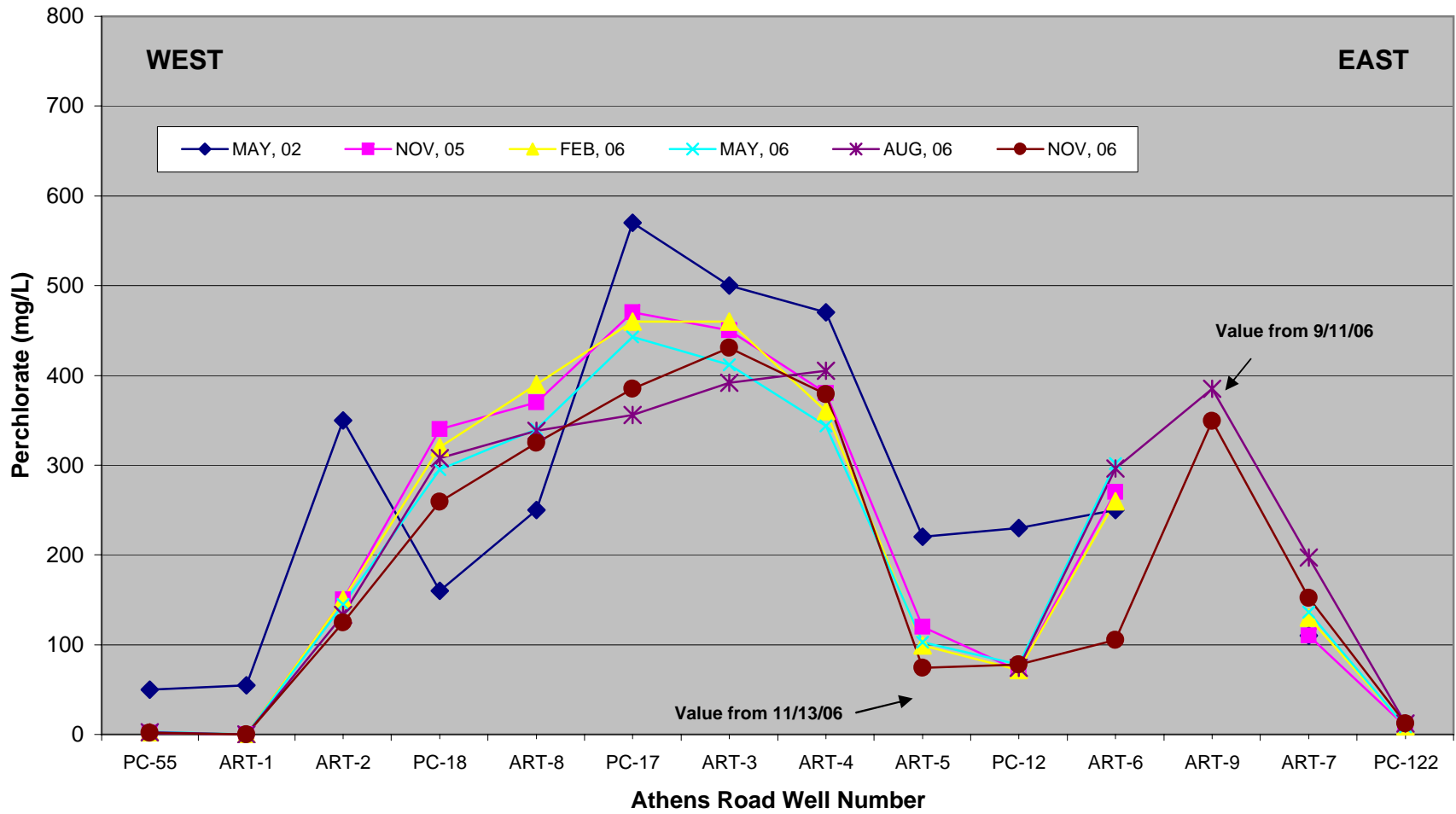
**FIGURE 13: WELL M-100 PERCHLORATE VS. WATER ELEVATION TREND GRAPH  
TRONOX LLC HENDERSON, NEVADA**



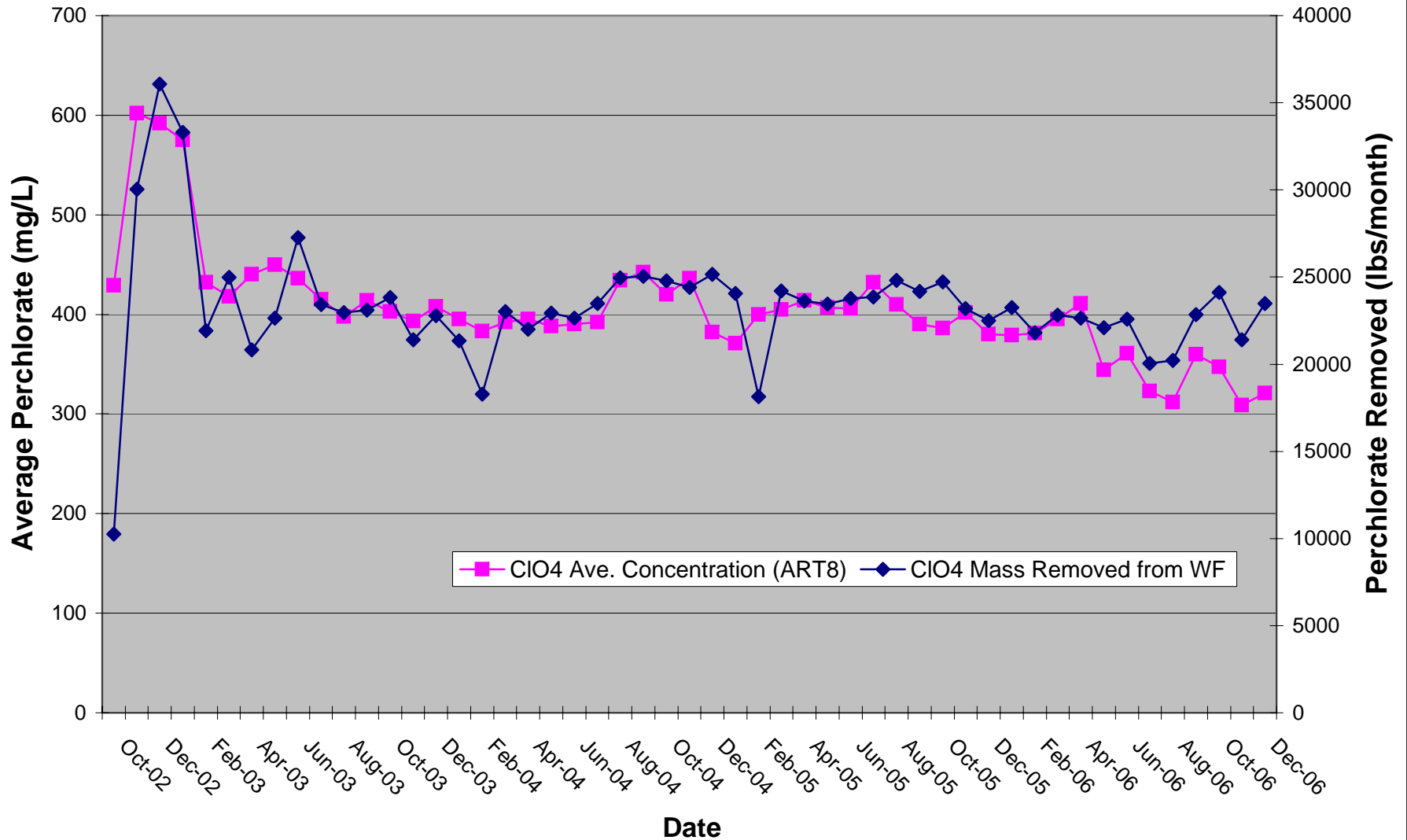
**FIGURE 14: ATHENS ROAD WELL FIELD PERCHLORATE CONCENTRATION TREND GRAPH  
TRONOX LLC HENDERSON, NEVADA**



**FIGURE 15: ATHENS ROAD WELL FIELD PERCHLORATE SECTION GRAPH TRONOX LLC  
HENDERSON, NEVADA**

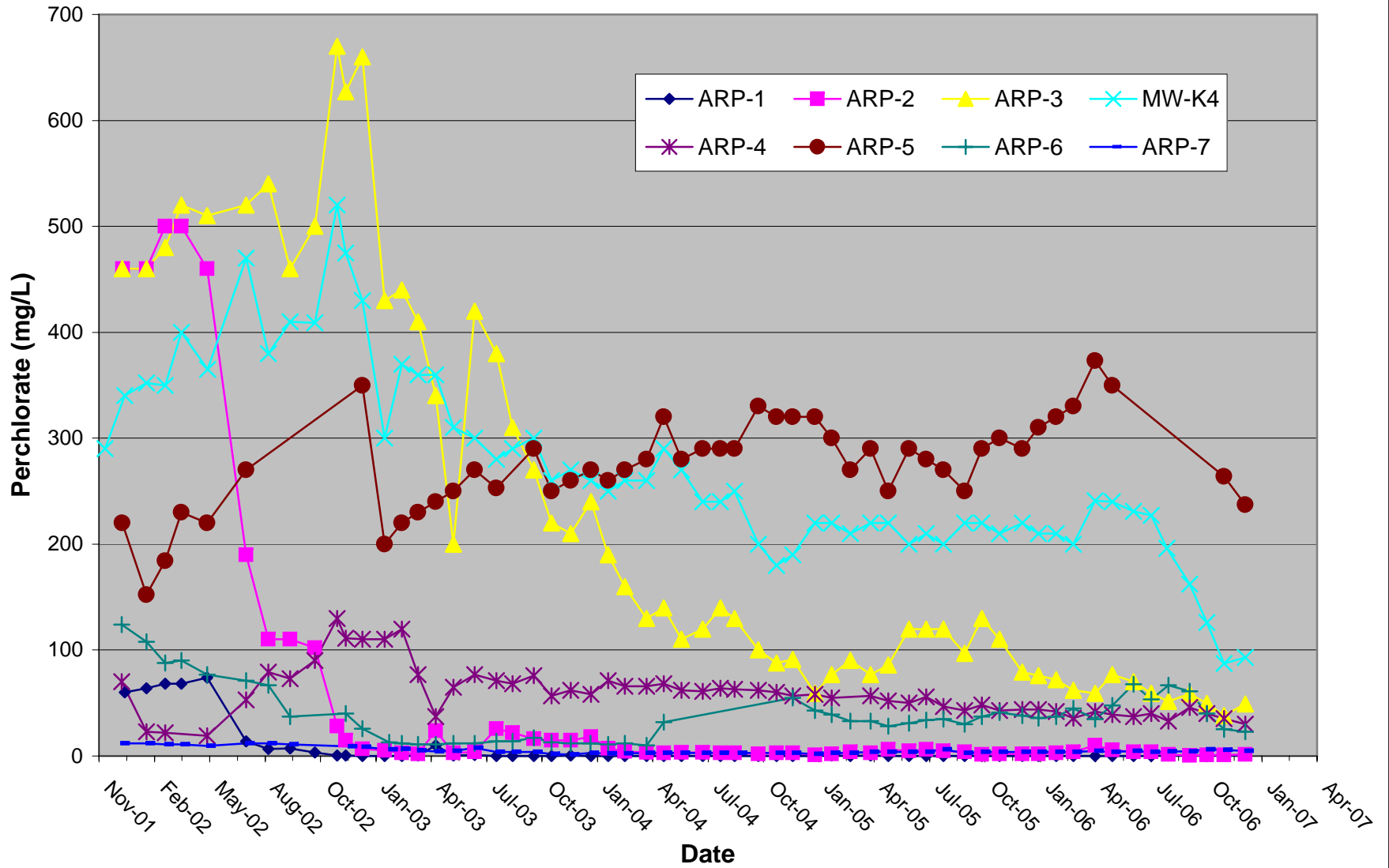


**FIGURE 16: ATHENS ROAD WELL FIELD AVERAGE PERCHLORATE CONCENTRATION IN ART 8 AND MASS REMOVED TRONOX LLC HENDERSON, NEVADA**

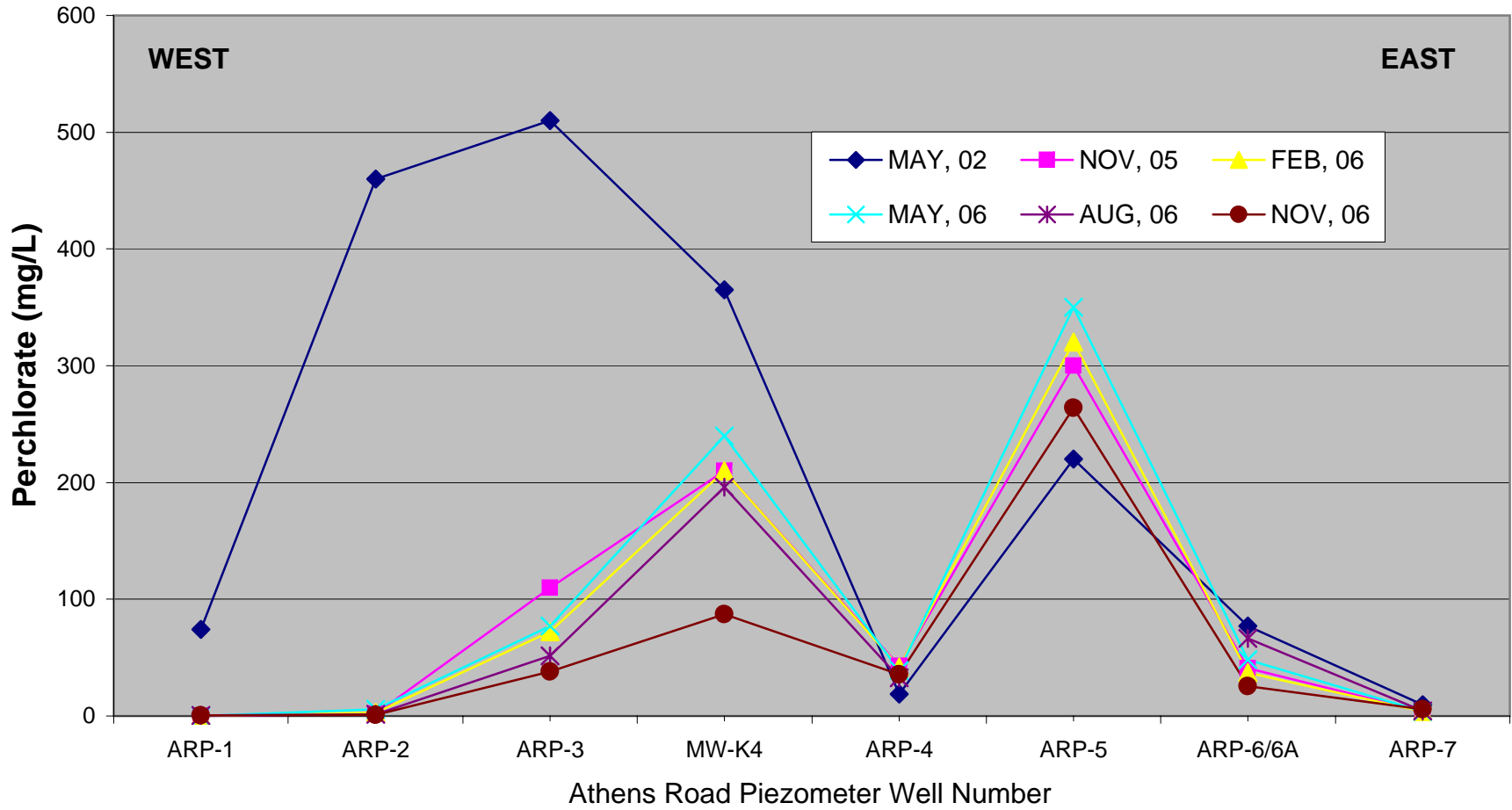




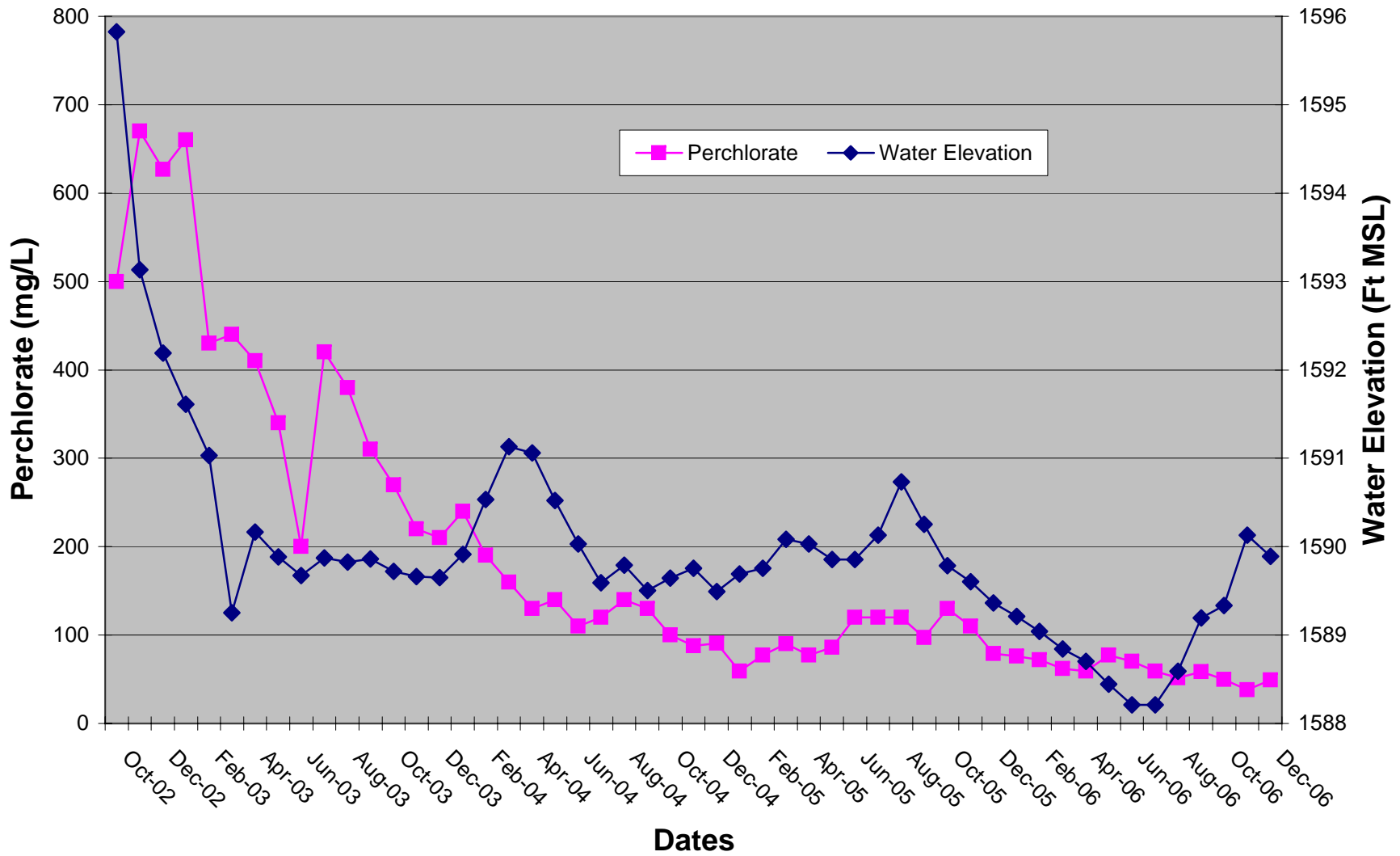
**FIGURE 17: ATHENS ROAD PIEZOMETER WELL LINE PERCHLORATE CONCENTRATION  
TREND GRAPH TRONOX LLC HENDERSON, NEVADA**



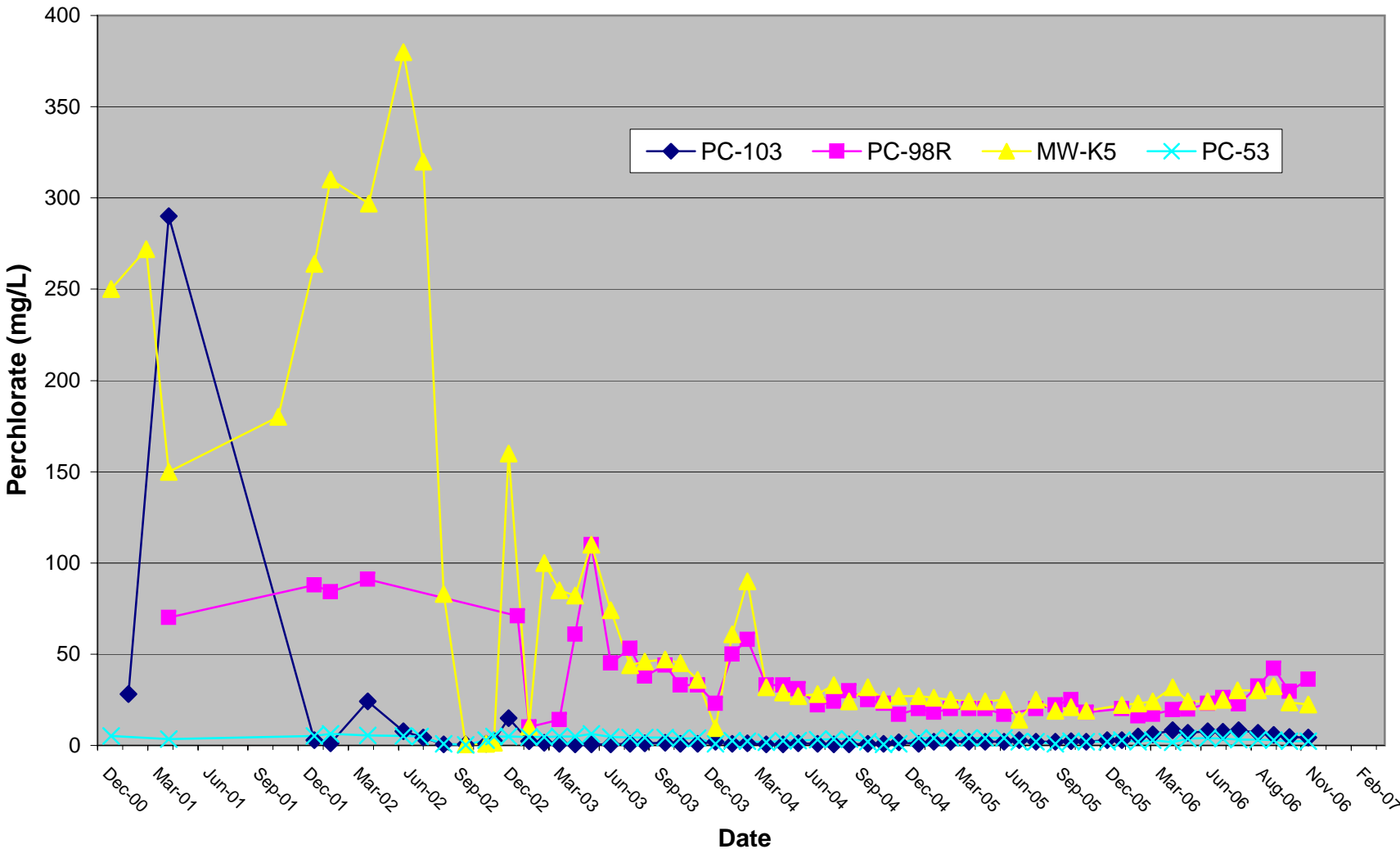
**FIGURE 18: ATHENS ROAD PIEZOMETER WELL LINE PERCHLORATE CONCENTRATION SECTION GRAPH TRONOX LLC HENDERSON, NEVADA**



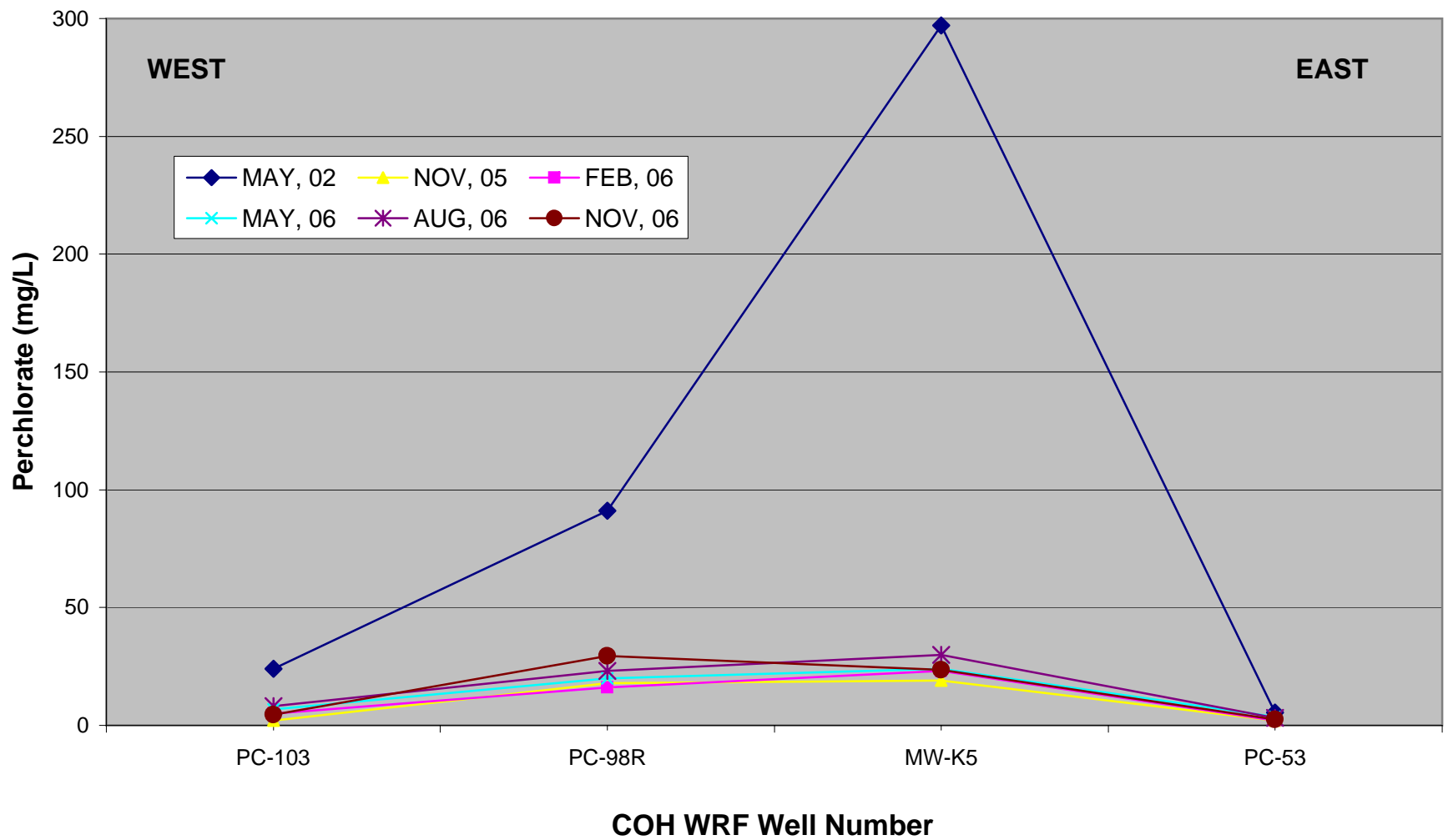
**FIGURE 19: ATHENS ROAD PIEZOMETER ARP-3 PERCHLORATE VS. WATER ELEVATION  
TREND GRAPH TRONOX LLC HENDERSON, NEVADA**



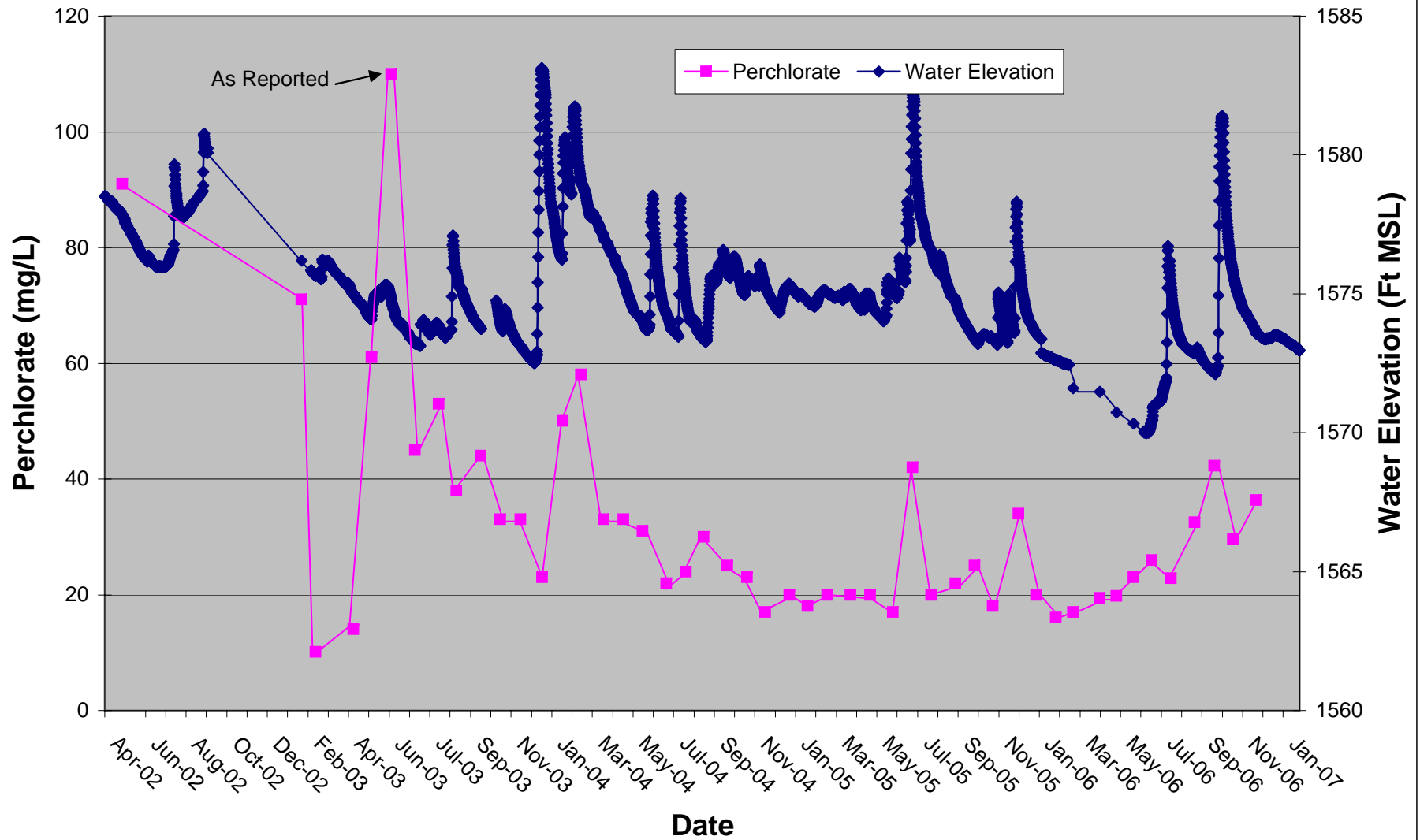
**FIGURE 20: COH WRF WELL LINE PERCHLORATE CONCENTRATION TREND GRAPH  
TRONOX LLC HENDERSON, NEVADA**



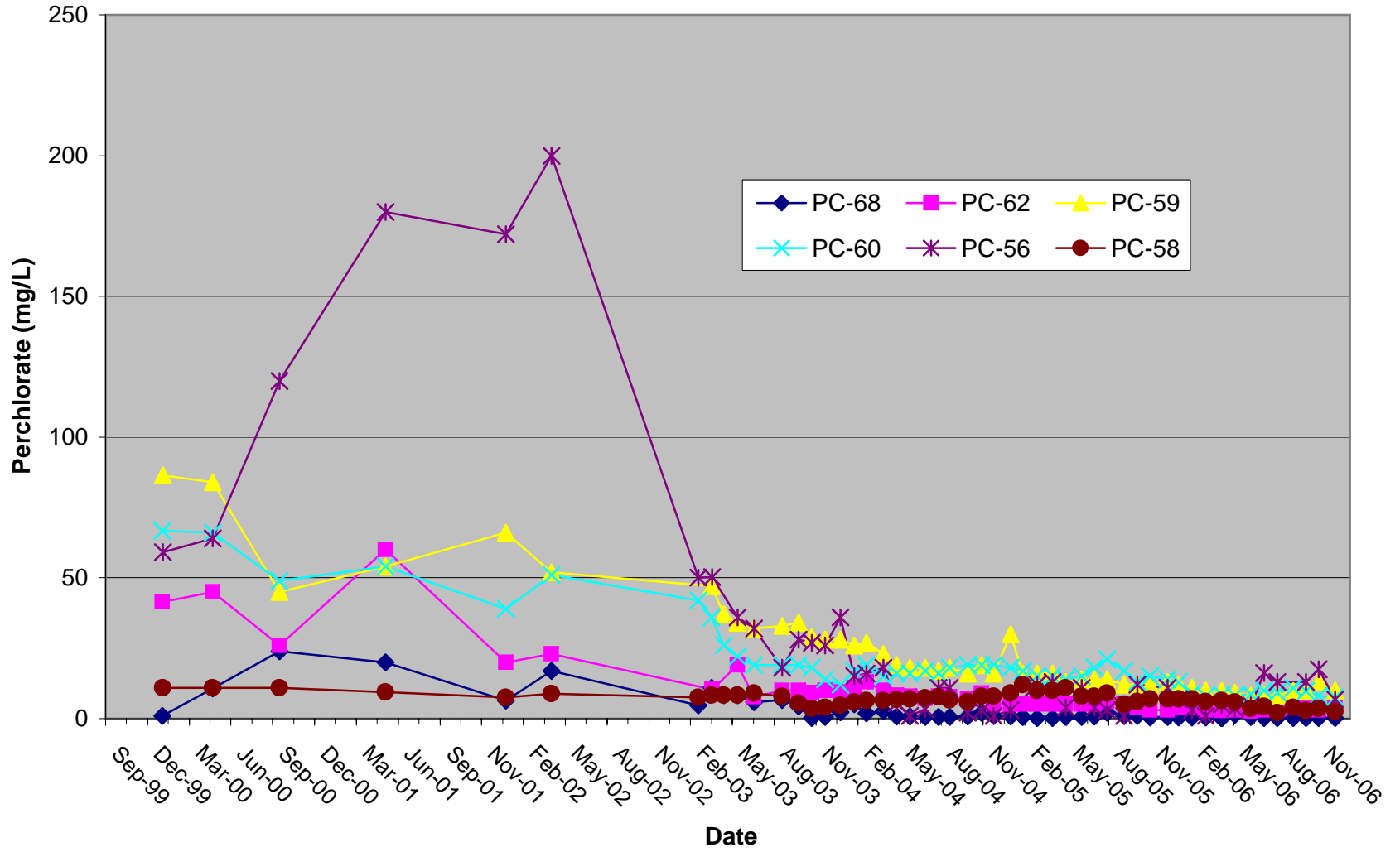
**FIGURE 21: COH WRF WELL LINE PERCHLORATE CONCENTRATION SECTION GRAPH  
TRONOX LLC HENDERSON, NEVADA**



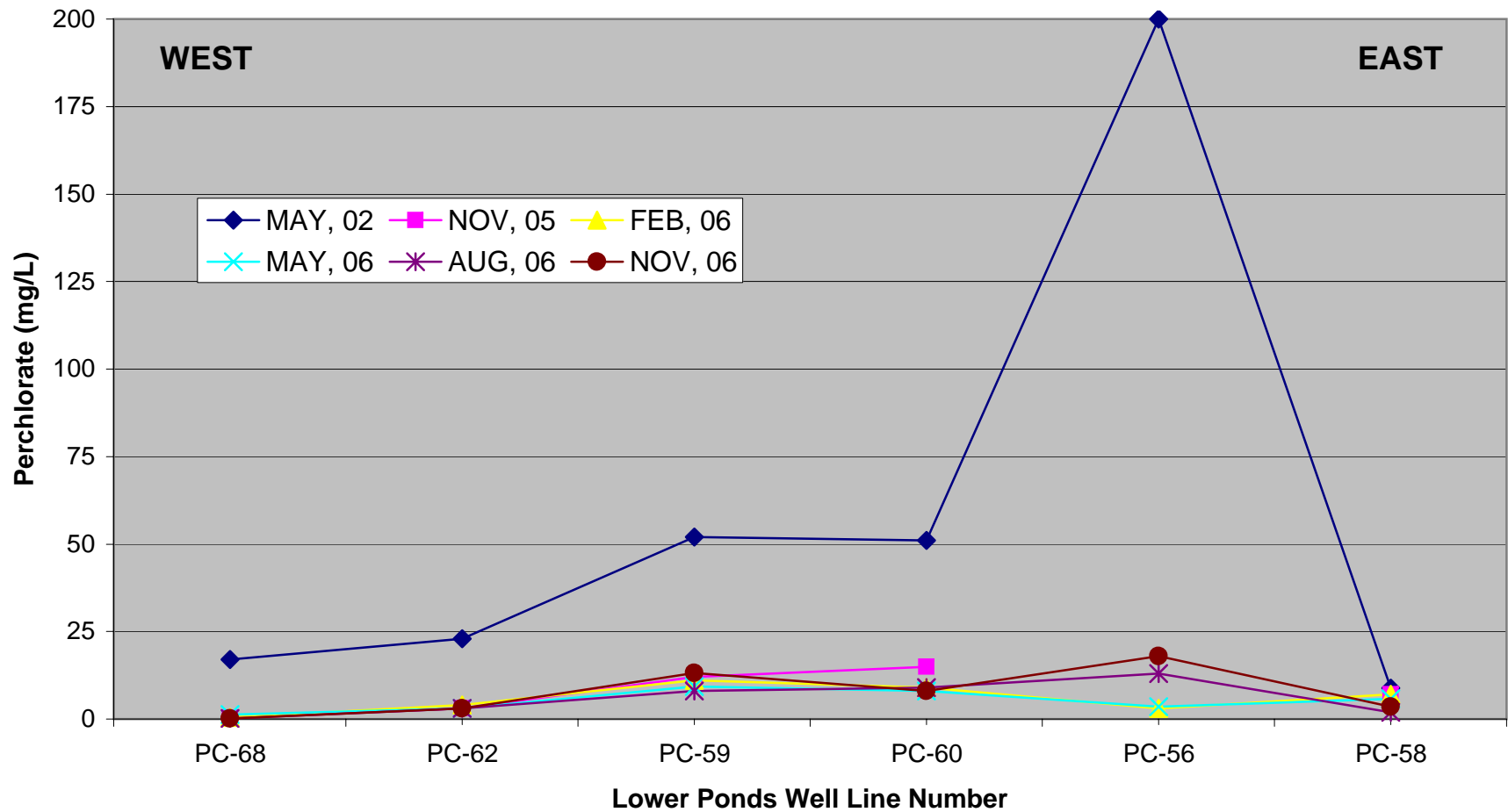
**FIGURE 22: WELL PC-98R PERCHLORATE VS. WATER ELEVATION TREND GRAPH  
TRONOX LLC HENDERSON, NEVADA**



**FIGURE 23: LOWER PONDS WELL LINE PERCHLORATE CONCENTRATION TREND  
GRAPH TRONOX LLC HENDERSON, NEVADA**

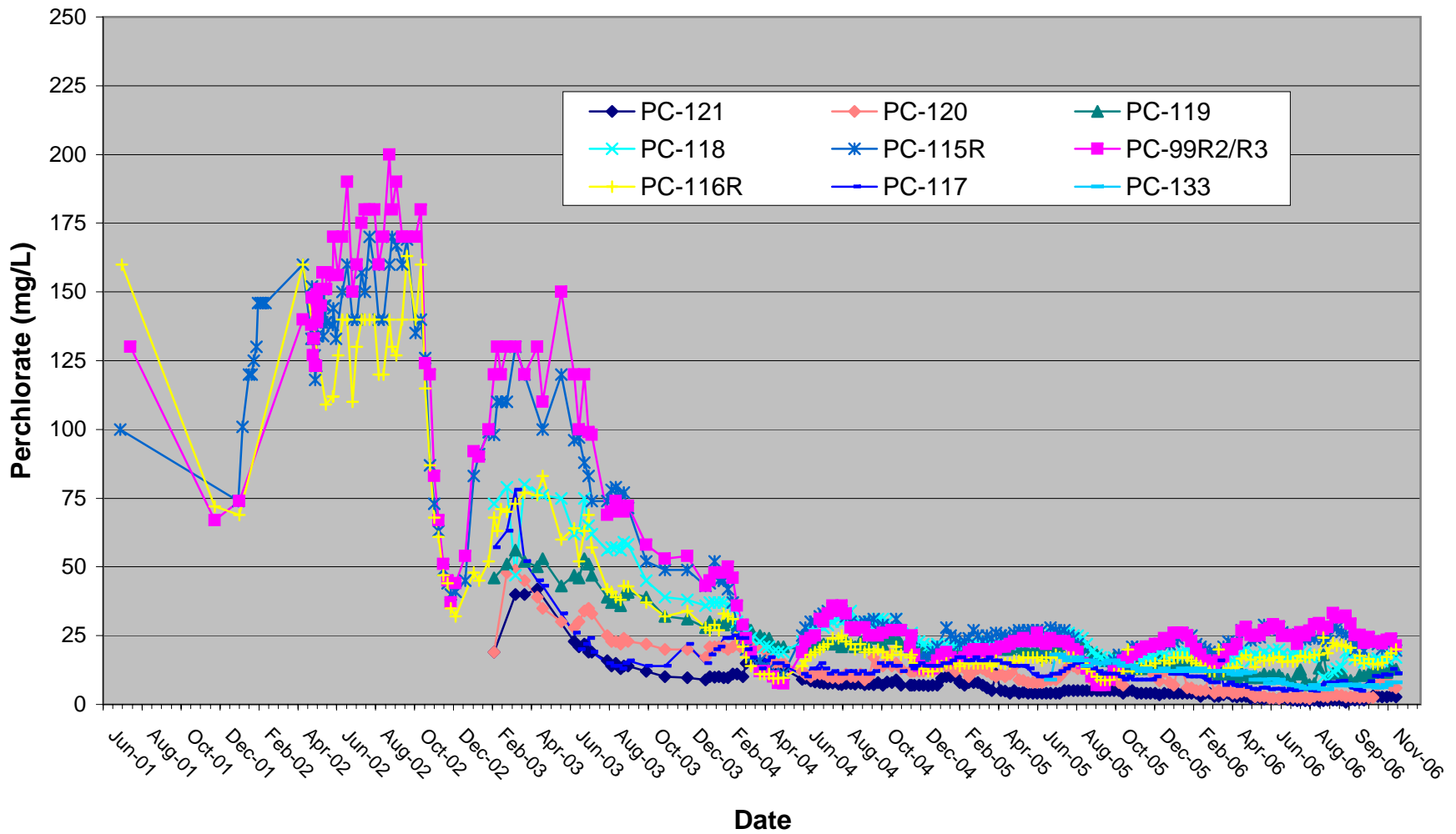


**FIGURE 24: LOWER PONDS WELL LINE PERCHLORATE CONCENTRATION SECTION  
GRAPH TRONOX LLC HENDERSON, NEVADA**

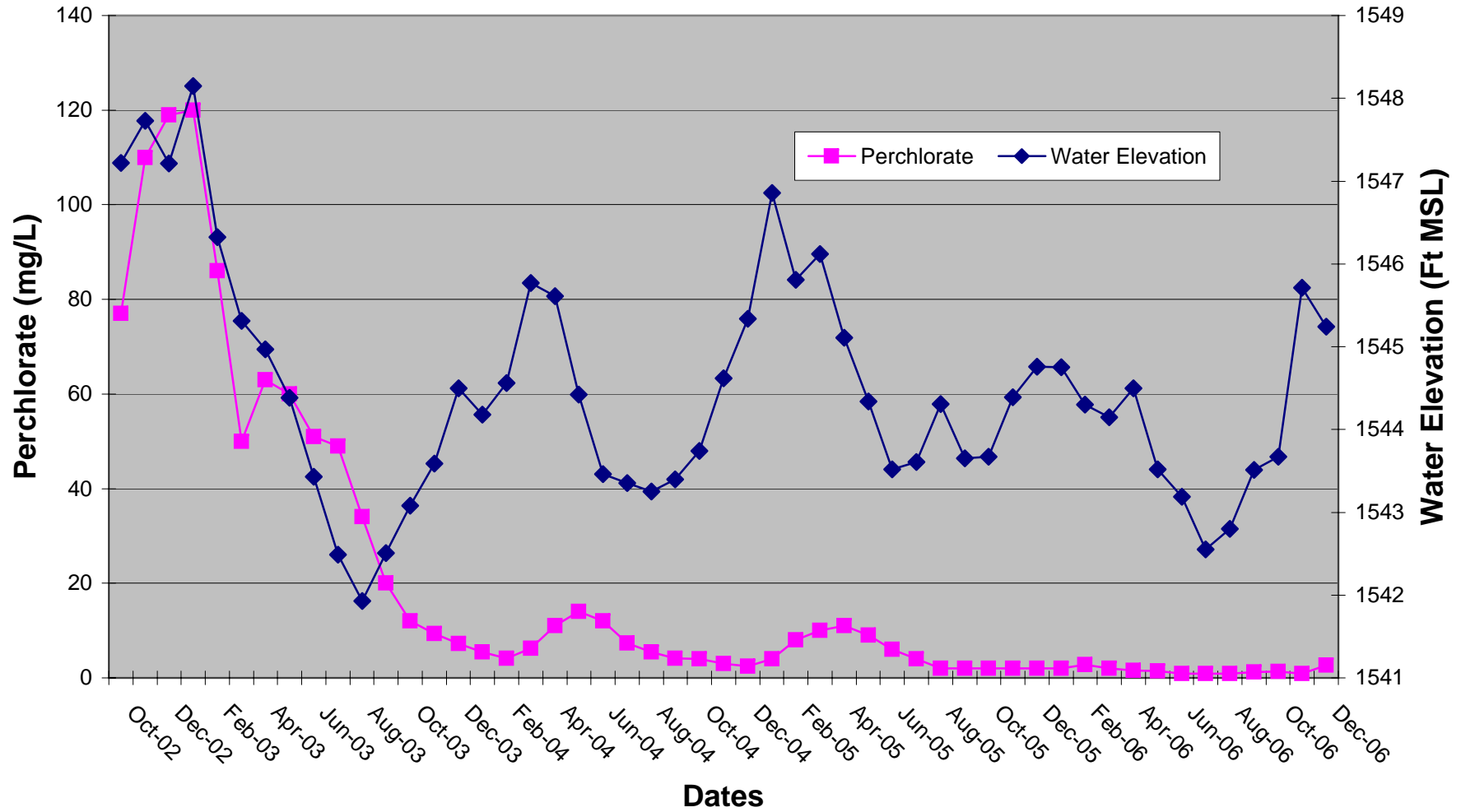




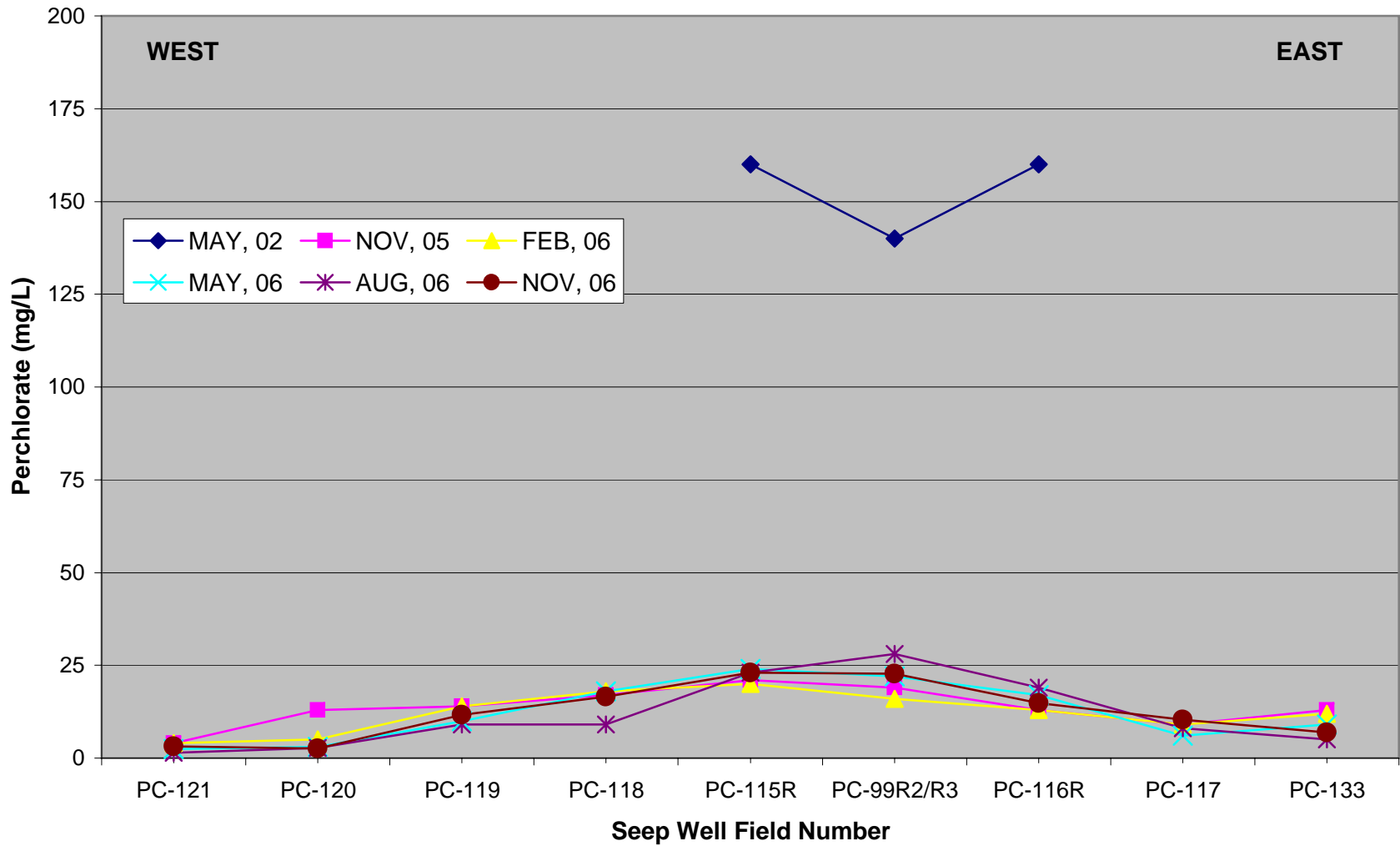
**FIGURE 25: SEEP WELL FIELD PERCHLORATE CONCENTRATION TREND GRAPH  
TRONOX LLC HENDERSON, NEVADA**



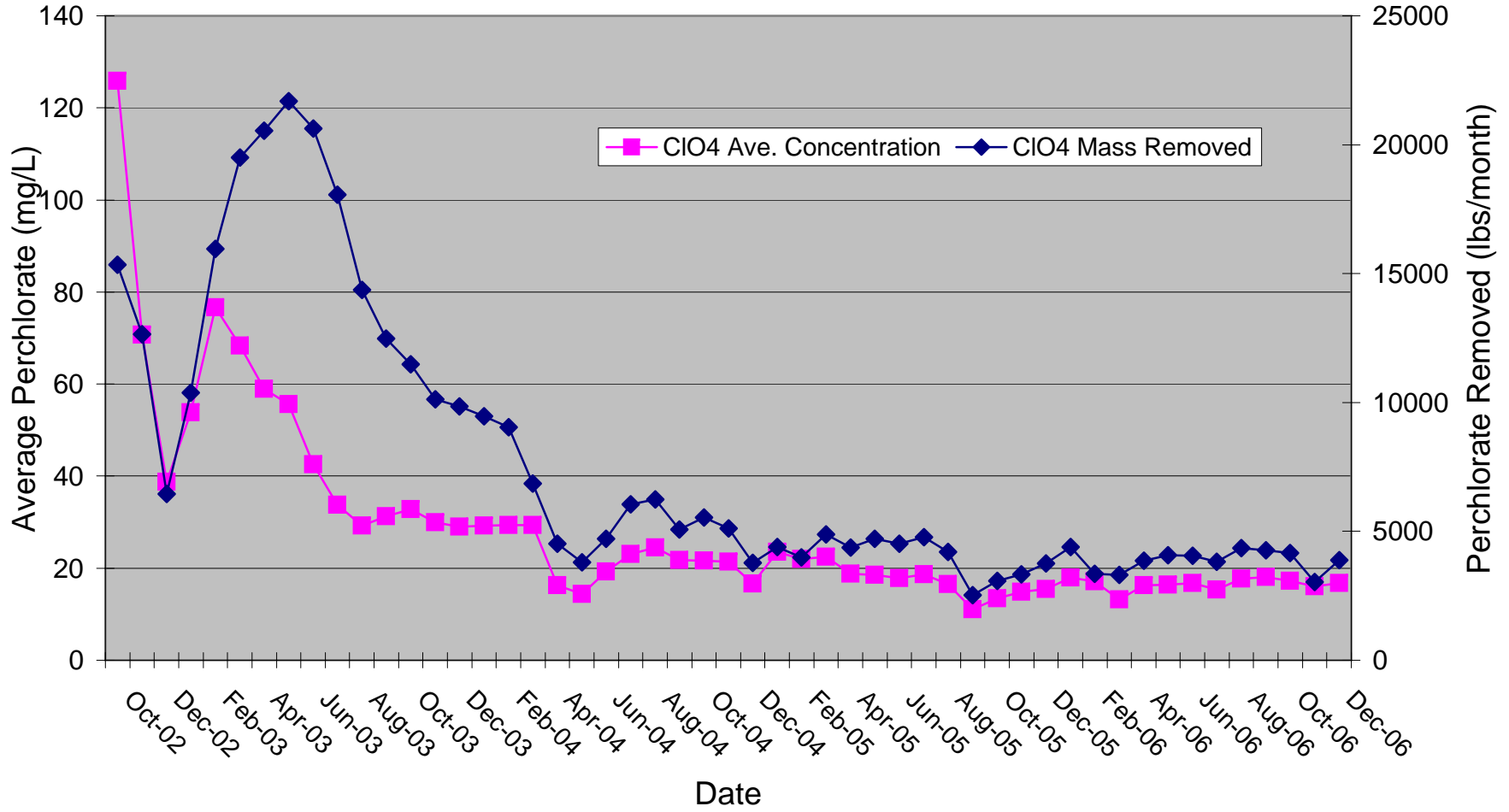
**FIGURE 26: WELL PC-97 PERCHLORATE VS. WATER ELEVATION TREND GRAPH  
TRONOX LLC HENDERSON, NEVADA**



**FIGURE 27: SEEP WELL FIELD PERCHLORATE CONCENTRATION SECTION GRAPH  
TRONOX LLC HENDERSON, NEVADA**



**FIGURE 28: SEEP AREA AVERAGE PERCHLORATE CONCENTRATION AND MASS REMOVED  
TRONOX LLC HENDERSON, NEVADA**



**FIGURE 29: SEEP STREAM FLOW VS. PERCHLORATE CONCENTRATION TREND GRAPH  
TRONOX LLC HENDERSON, NEVADA**

