

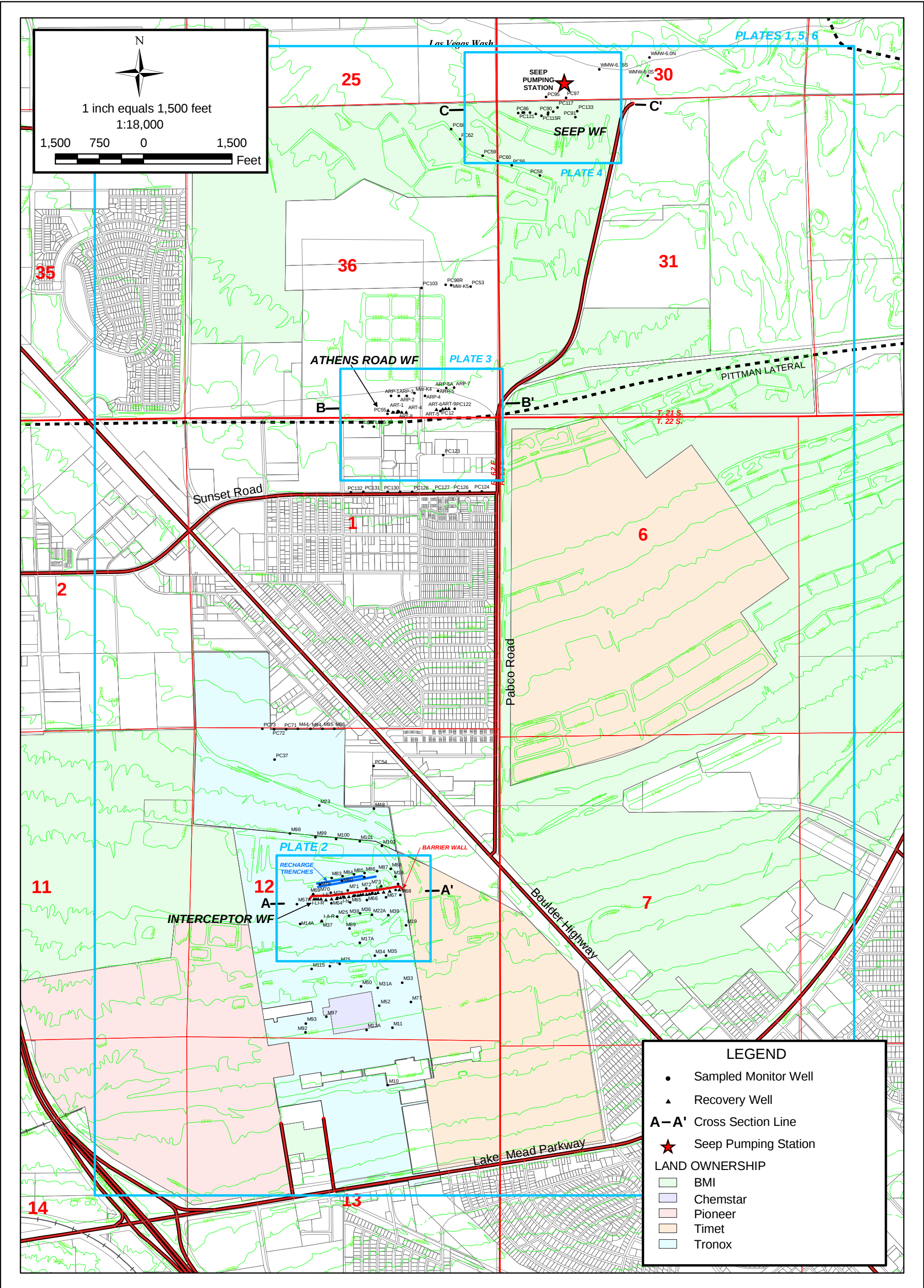
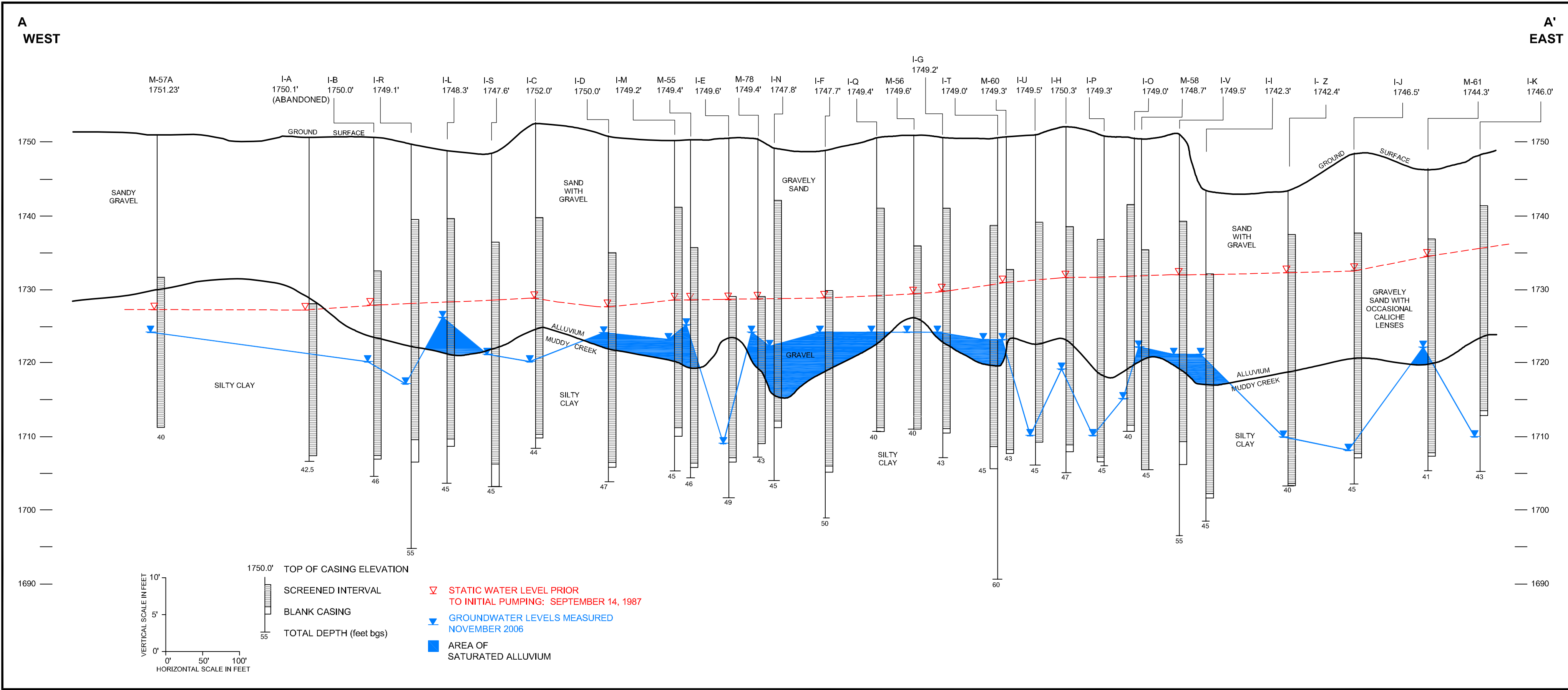


FIGURE NUMBER:	1
SHEET NUMBER:	1

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.ENSRAECOM.COM	

DESIGNED BY:	REVISIONS:			
E. Krish	NO:	DESCRIPTION:	DATE:	BY:
DRAWN BY:				
T. McAdam				
CHECKED BY:				
E. Krish				
APPROVED BY:				
D. Gerry				



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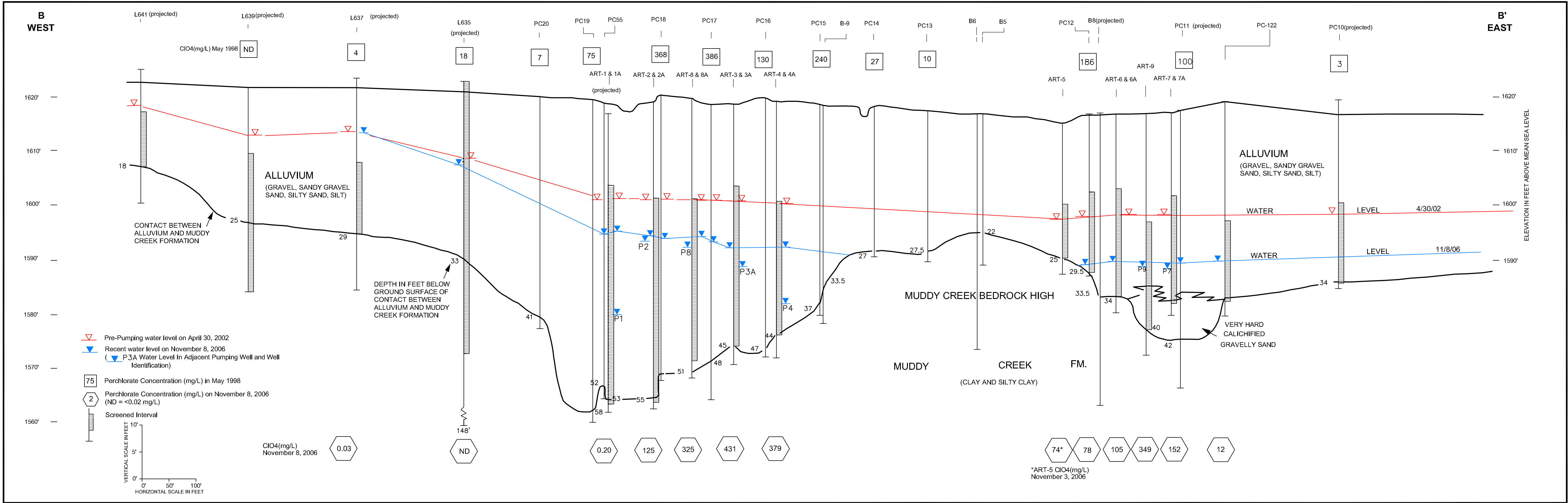
ENSR

AECOM

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CAMARILLO, CALIFORNIA 93012
PHONE: (805) 388-3775
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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

ENSRAECOM

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SUITE 100
OAKLAND, CALIFORNIA 94612
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FAX: (415) 388-3877
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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:	04020-023-110

FIGURE NUMBER: **3**

SHEET NUMBER: X

C WEST

C' EAST

1600
1560
1520
1480

(D) PC-82 1559'
(M) PC-83 1559'
(S) PC-84 1559'

MW-K6 1558'

(D) PC-85 1554'
(M) PC-86 1554'
(S) PC-87 1554'

(D) PC-88 1551'
(M) PC-89 1551'
(S) PC-90 1550'

MW-K7 (silted in) 1554'

LG 019

(D) PC-91 1552'
(S) PC-92 1552'

(D) PC-93 1549'
(S) PC-94 1549'

MW-K8 1560'

PC-121 3.1
PC-120 2.6
PC-119 11.6
PC-118 16.6
PC-115 R 23
PC 99 22.8
PC-116 R 14.8
PC-117 10.3

PC-133 6.9

DTW 5/01
DTW 11/06

6
13.9
8.8

38.5
47
67
51
62
45
40
40
50

calichified
sand
gravel
sand
gravel zone
sandy gravel
brown silt w/sand
sand/gravel
silty gravelly sand
silty sdy gravel
silty clay
No lith
65
70
clay w/ abundant gypsum
silty gravel sand
silty clay/clay silt
sand/gravel
silty gravelly sand
clay (silty) sand
sandy gravel

gravel sand
sandy silt
gravel
silty gravel
sand
gravel
sandy gravel
silty sand
silty gravel sand
silty clay

clay sand/
gravel
clay gravel
sand
gravel
sand/clay
sand

Contact between Alluvium and Muddy Creek Formation

MUDDY CREEK FORMATION

▼ = Water levels as of November 2006
▽ = Water levels as of May 2001
27 = Perchlorate concentration (ppm) as of November 2006

Screened Interval
(D) Deep
(M) Middle
(S) Shallow

VERTICAL SCALE IN FEET
0' 20' 40'
HORIZONTAL SCALE IN FEET
0' 100' 200'

FIGURE NUMBER:
4
SHEET NUMBER:
X

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

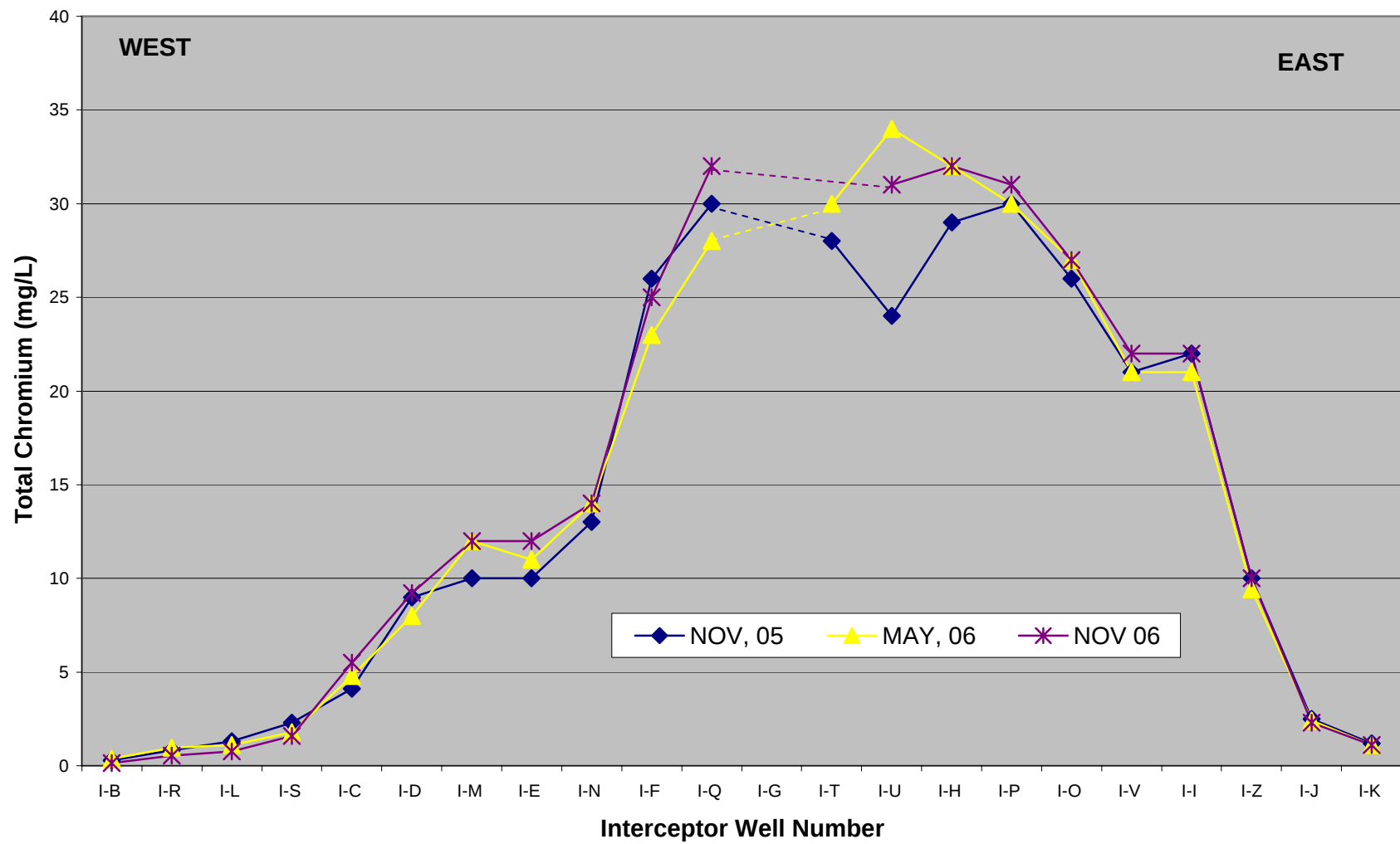


FIGURE 6: ATHENS ROAD WELL FIELD TOTAL CHROMIUM SECTION GRAPH
TRONOX LLC HENDERSON, NEVADA

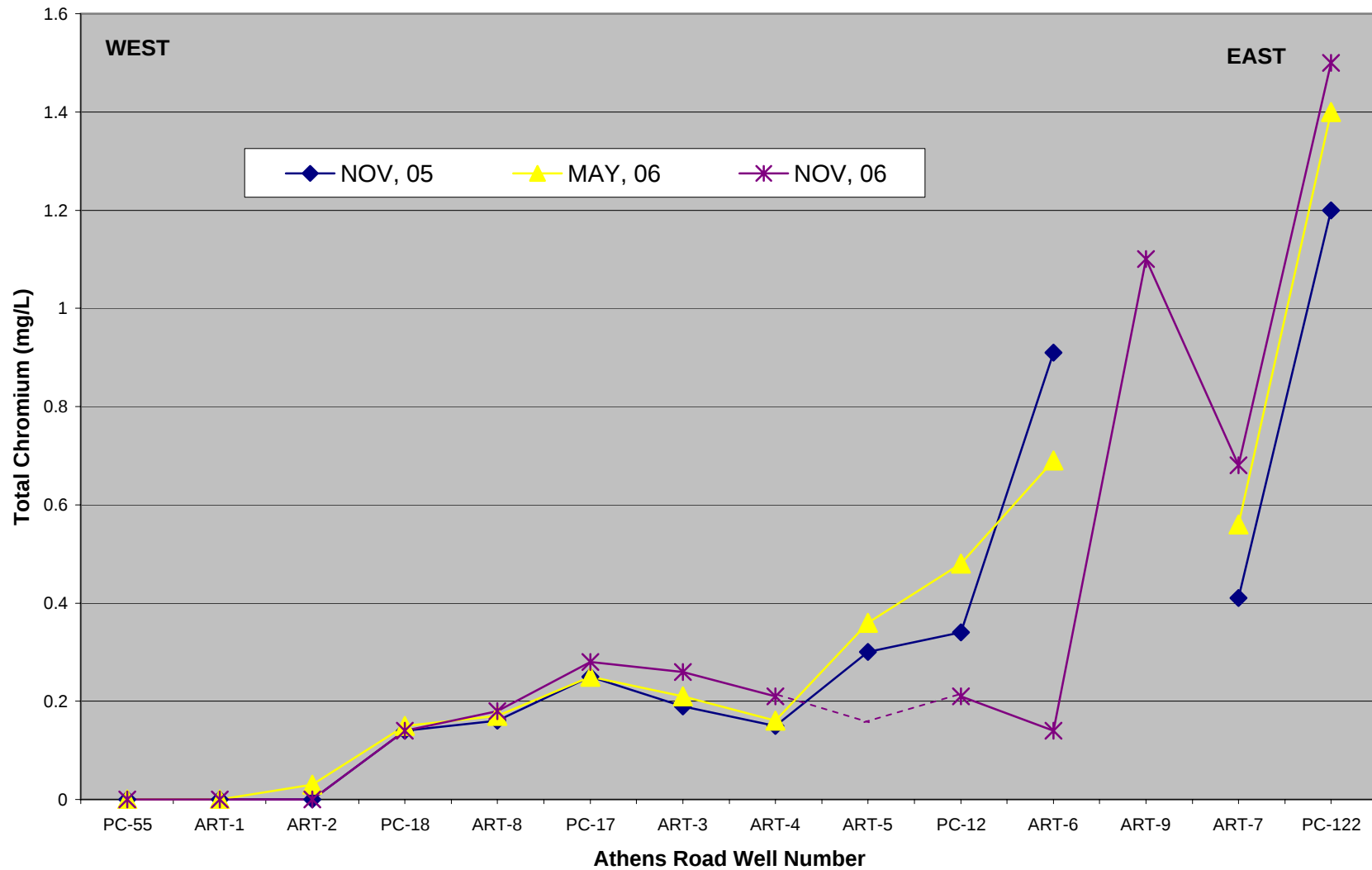
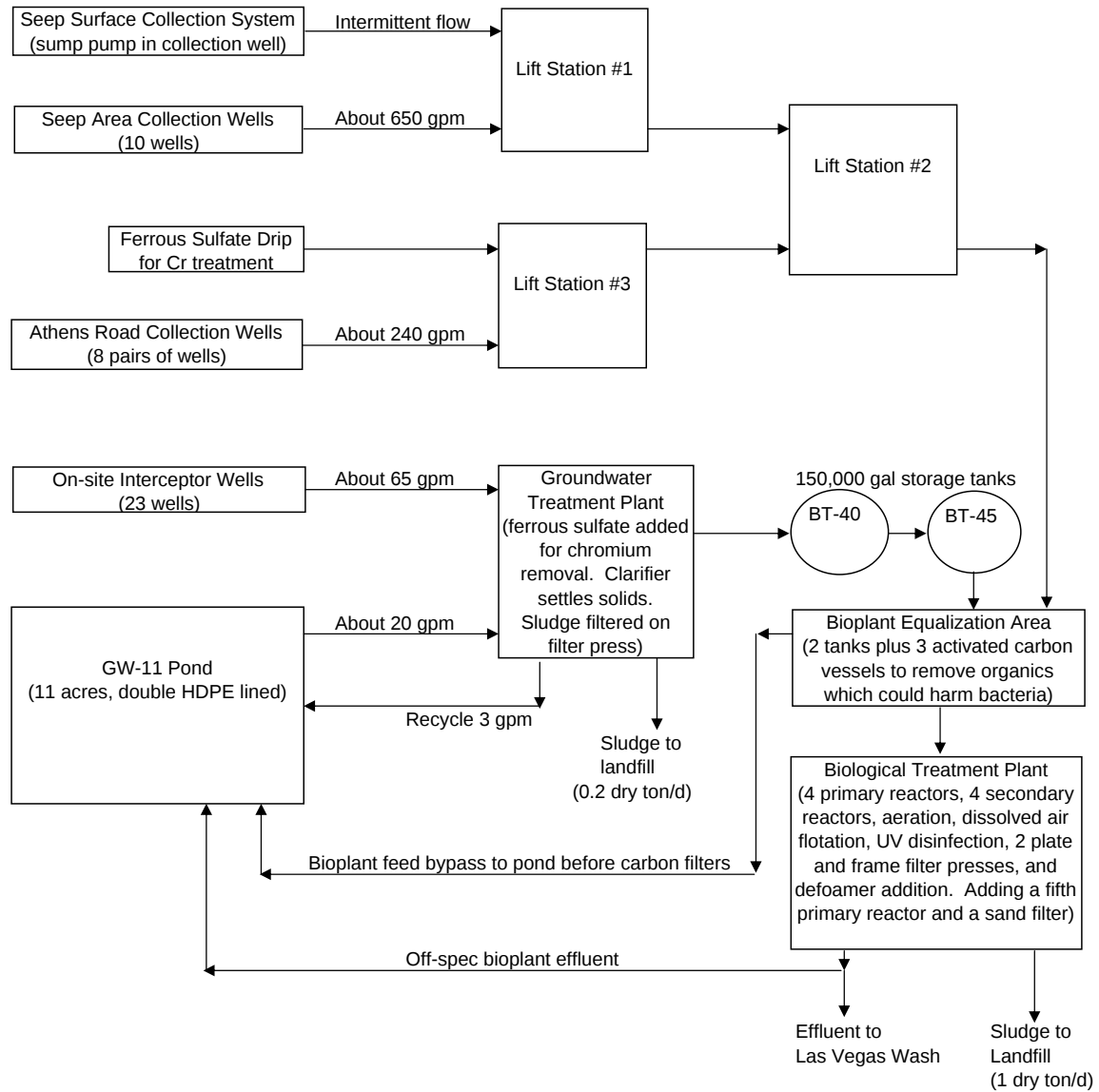
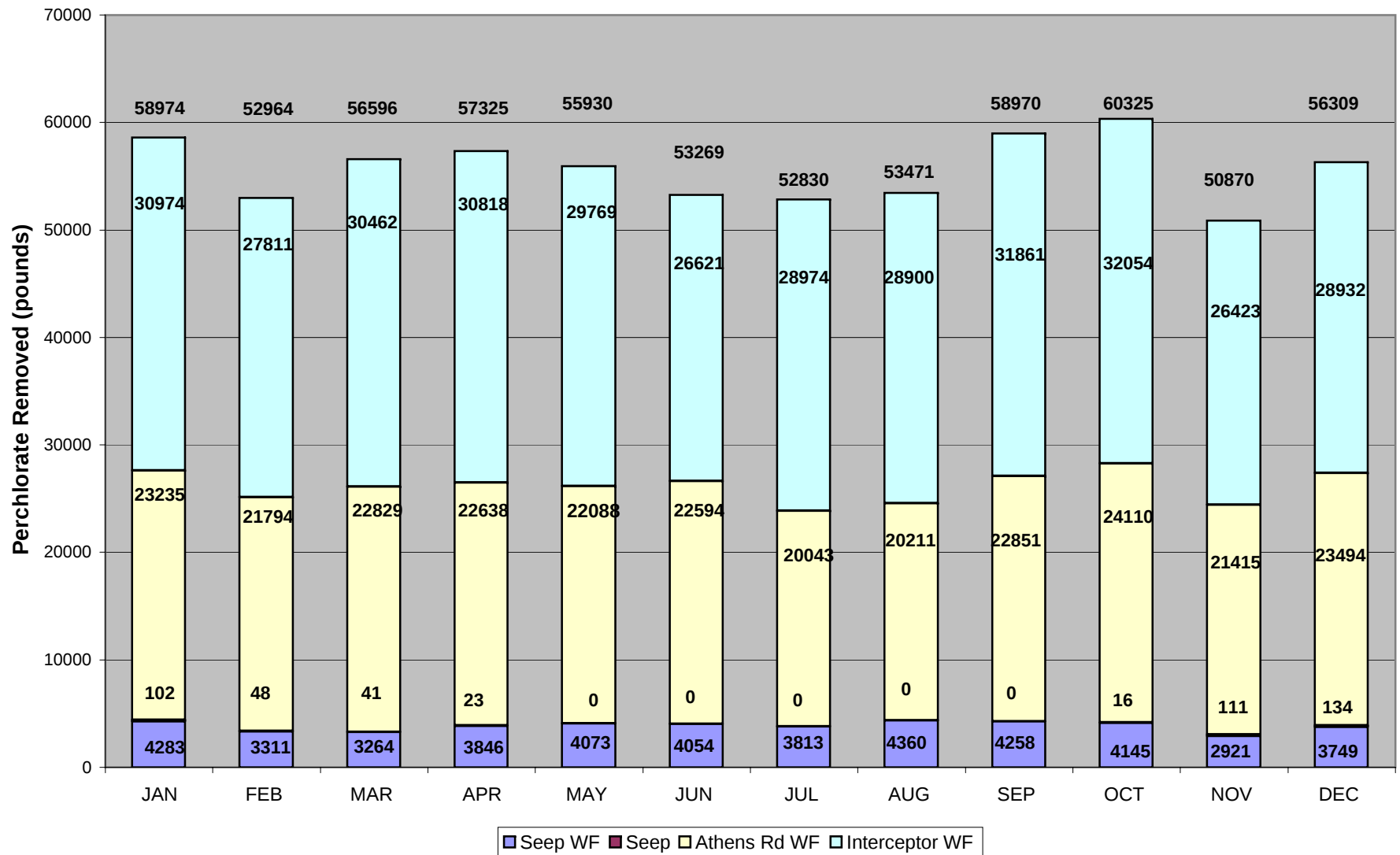


Figure 7
Tronox Henderson Groundwater Treatment Block Flow Diagram

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**

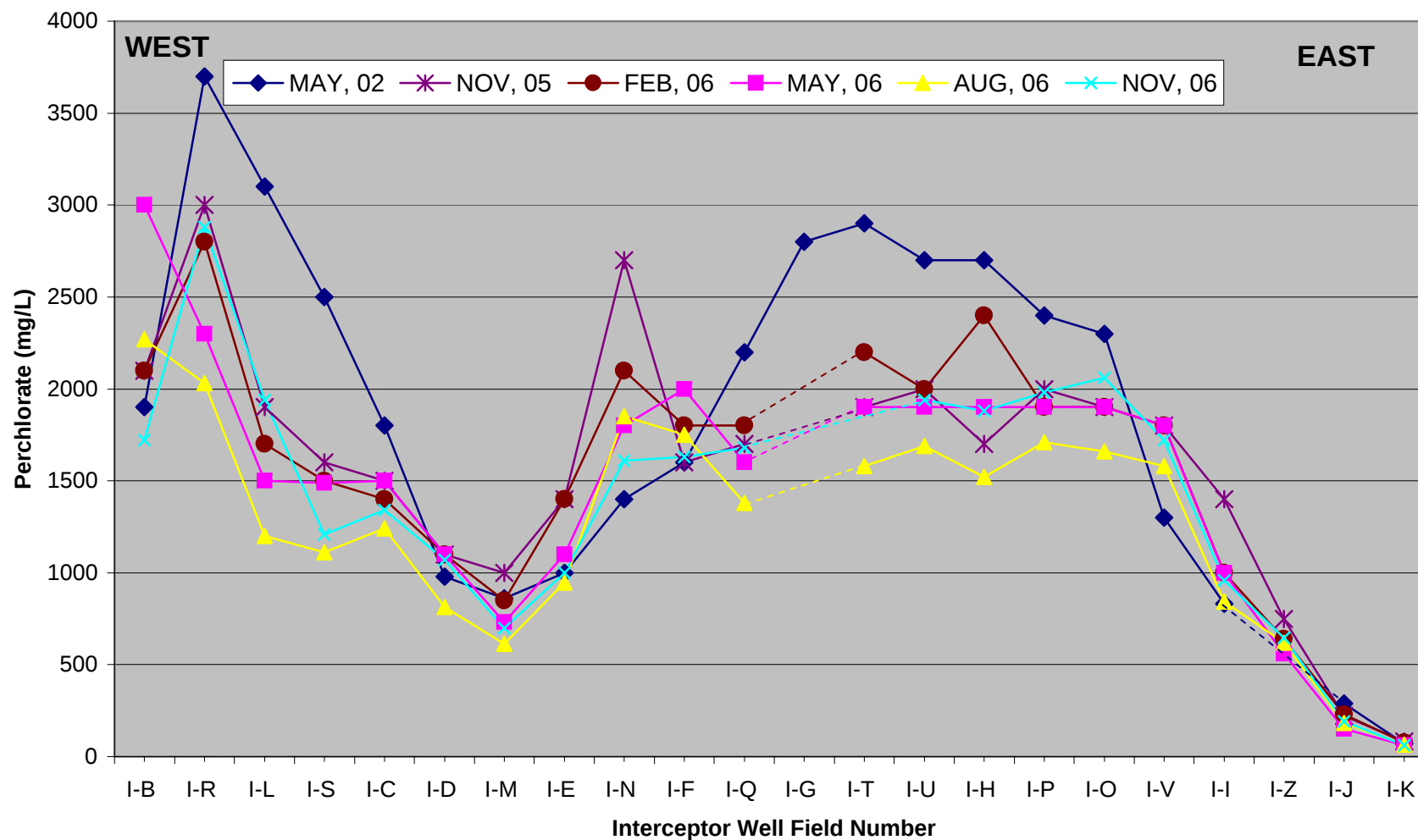
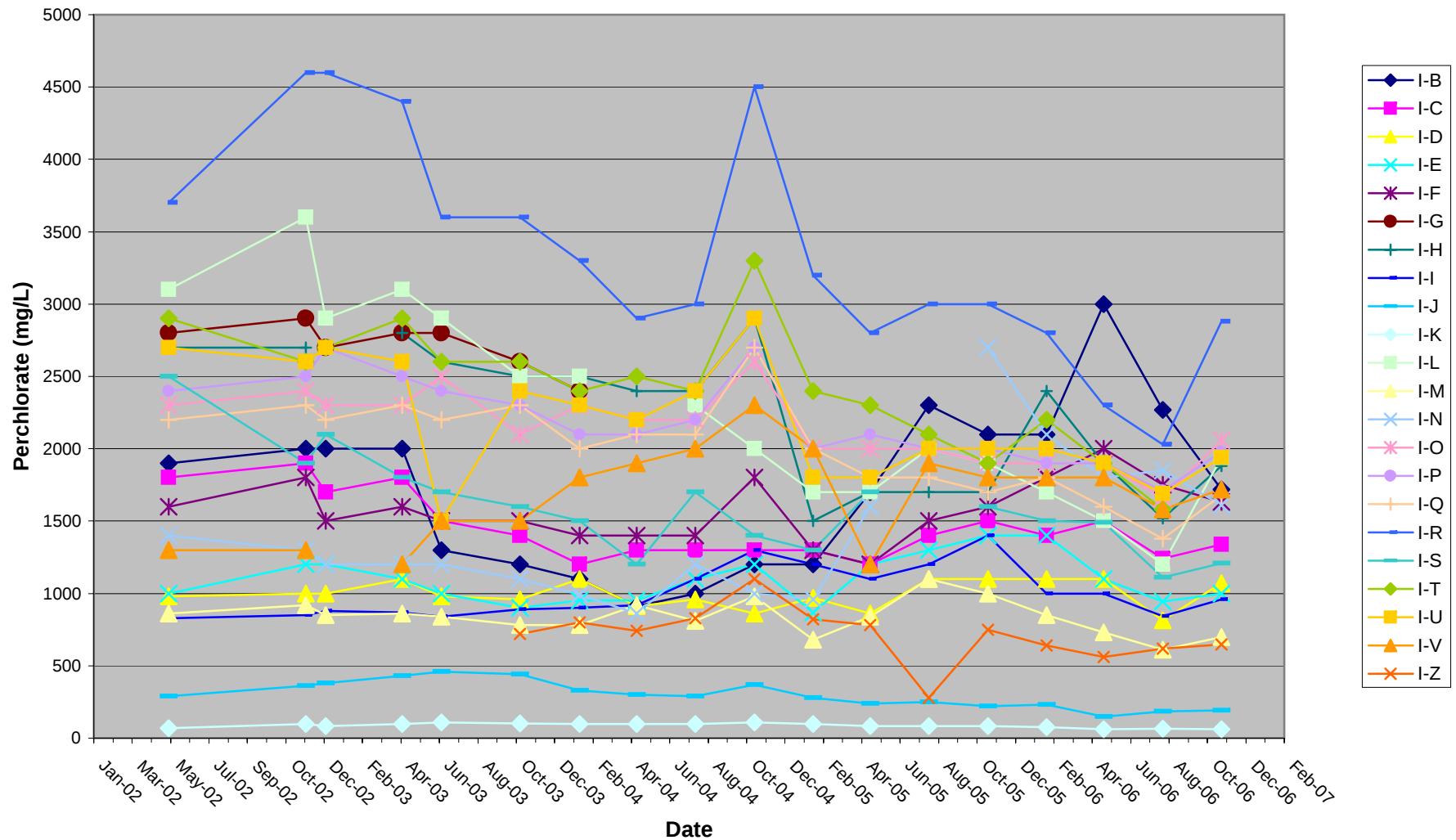
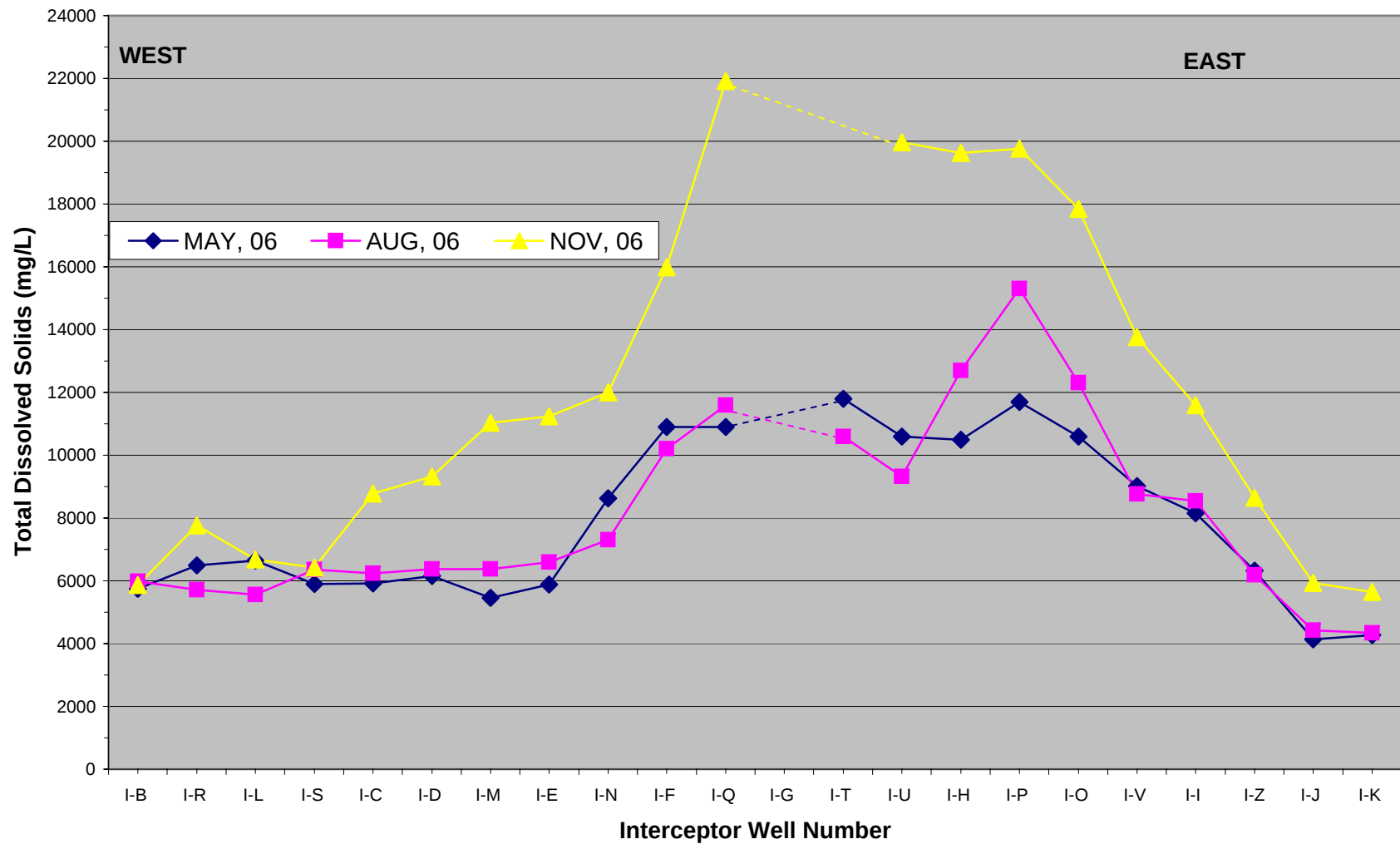


FIGURE 10: INTERCEPTOR WELL FIELD PERCHLORATE TREND GRAPH
TRONOX LLC HENDERSON, NEVADA



**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**

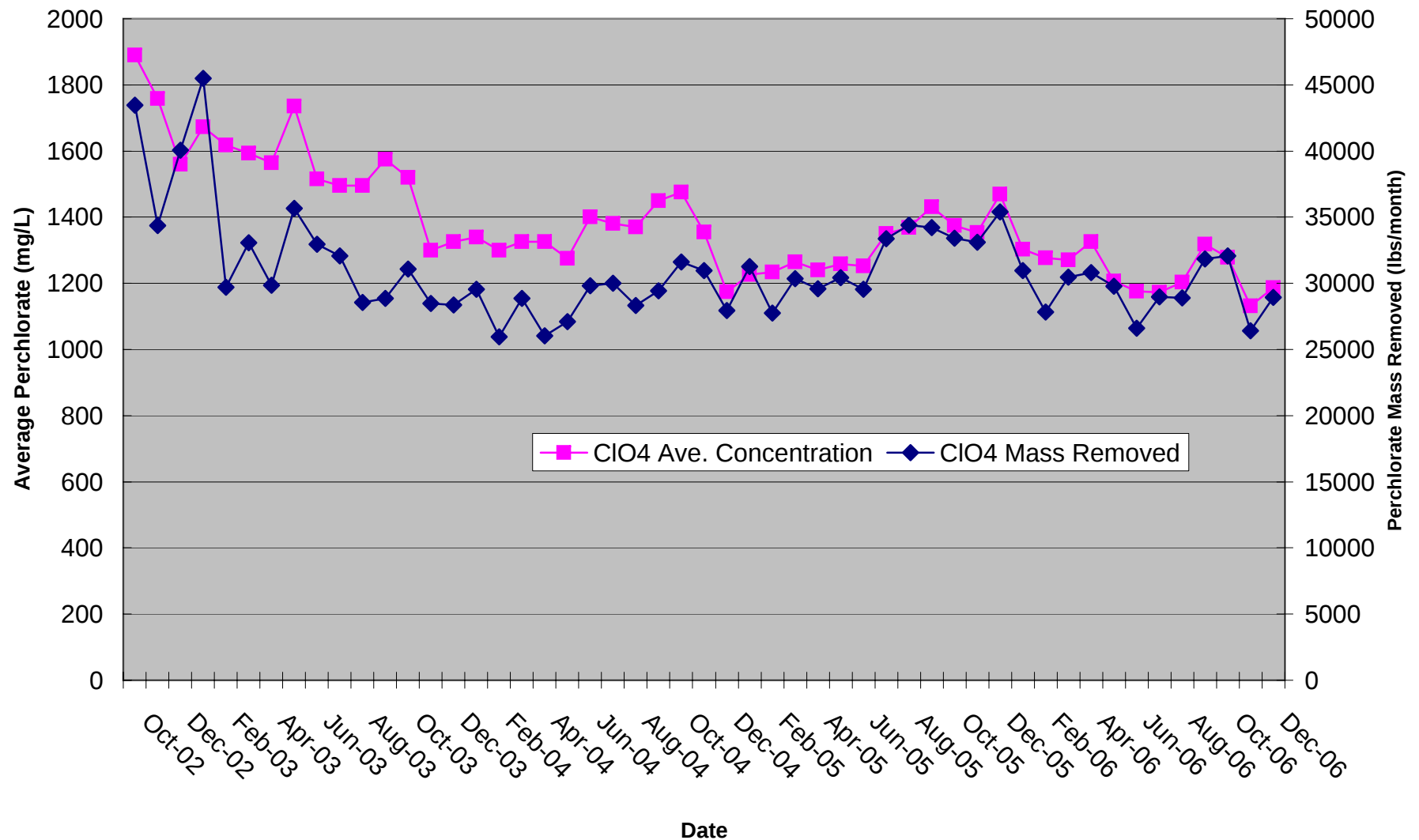


FIGURE 13: WELL M-100 PERCHLORATE VS. WATER ELEVATION TREND GRAPH
TRONOX LLC HENDERSON, NEVADA

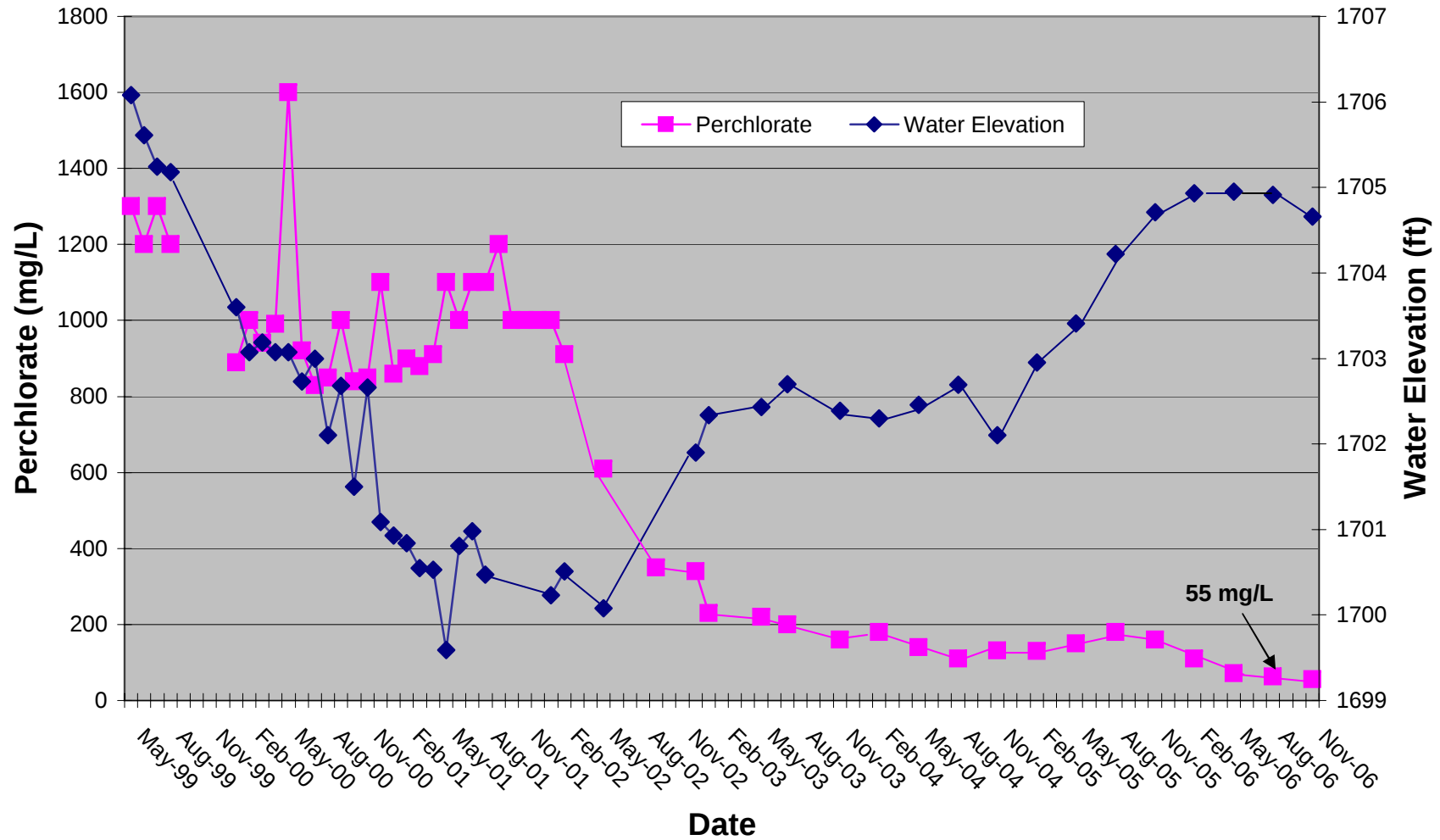
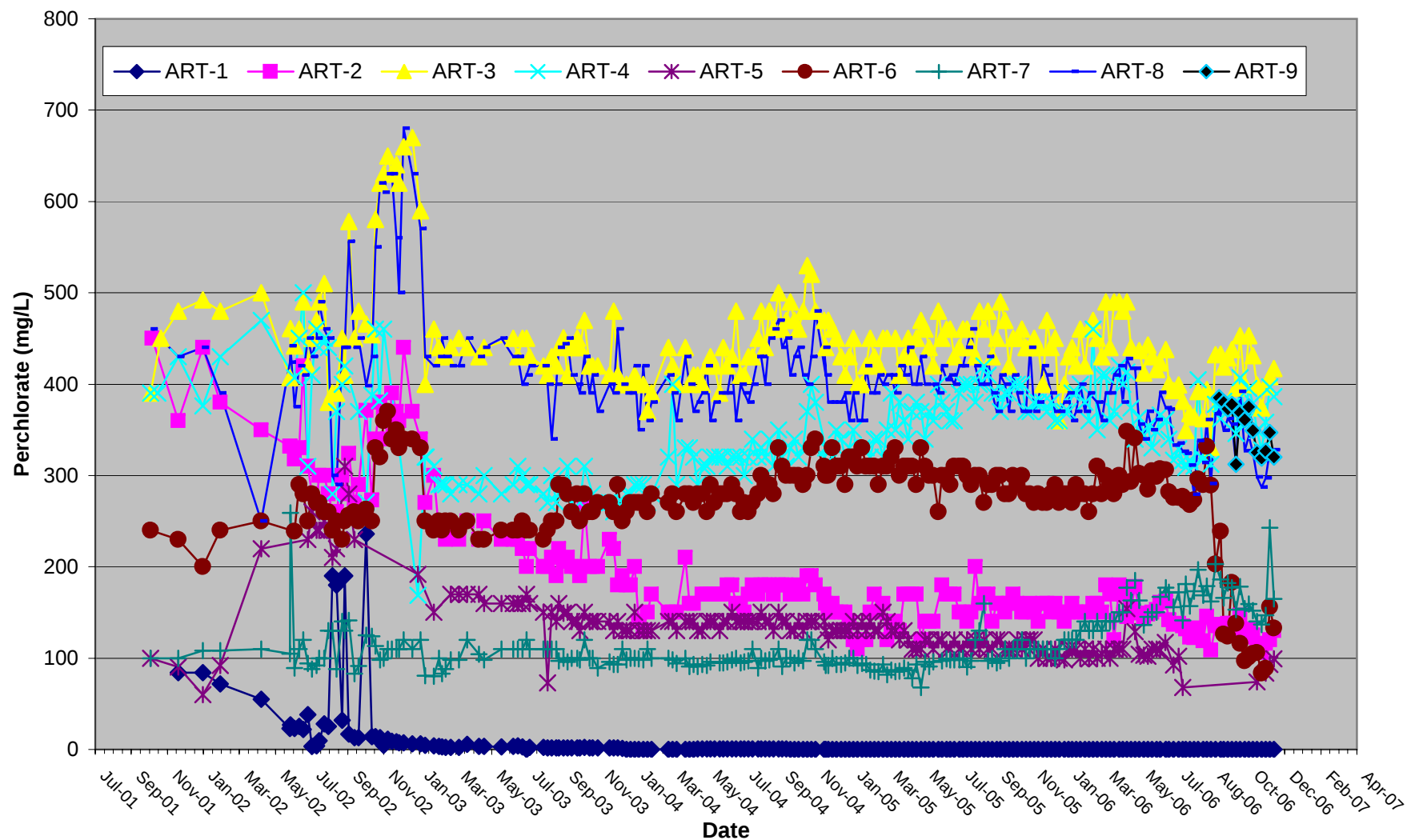
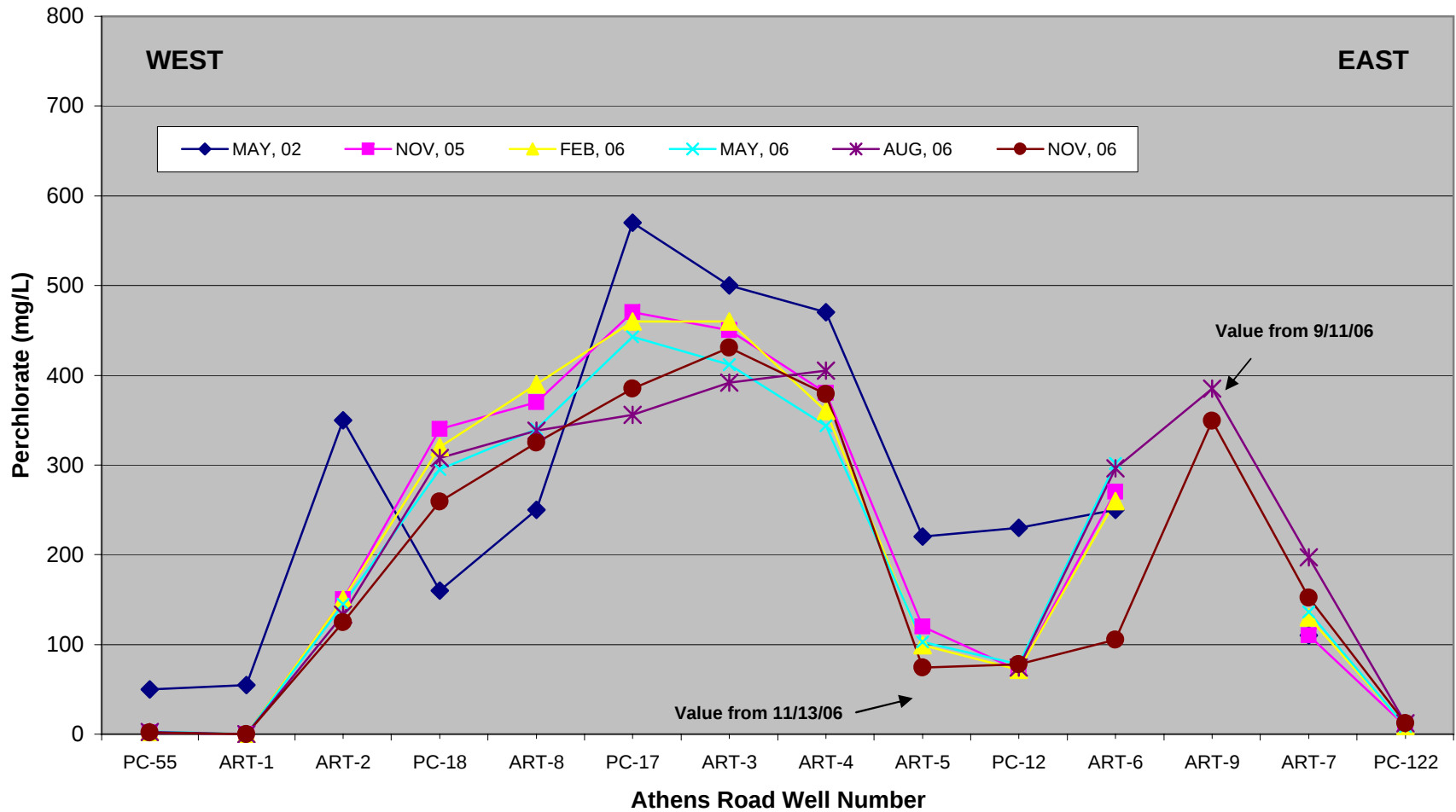


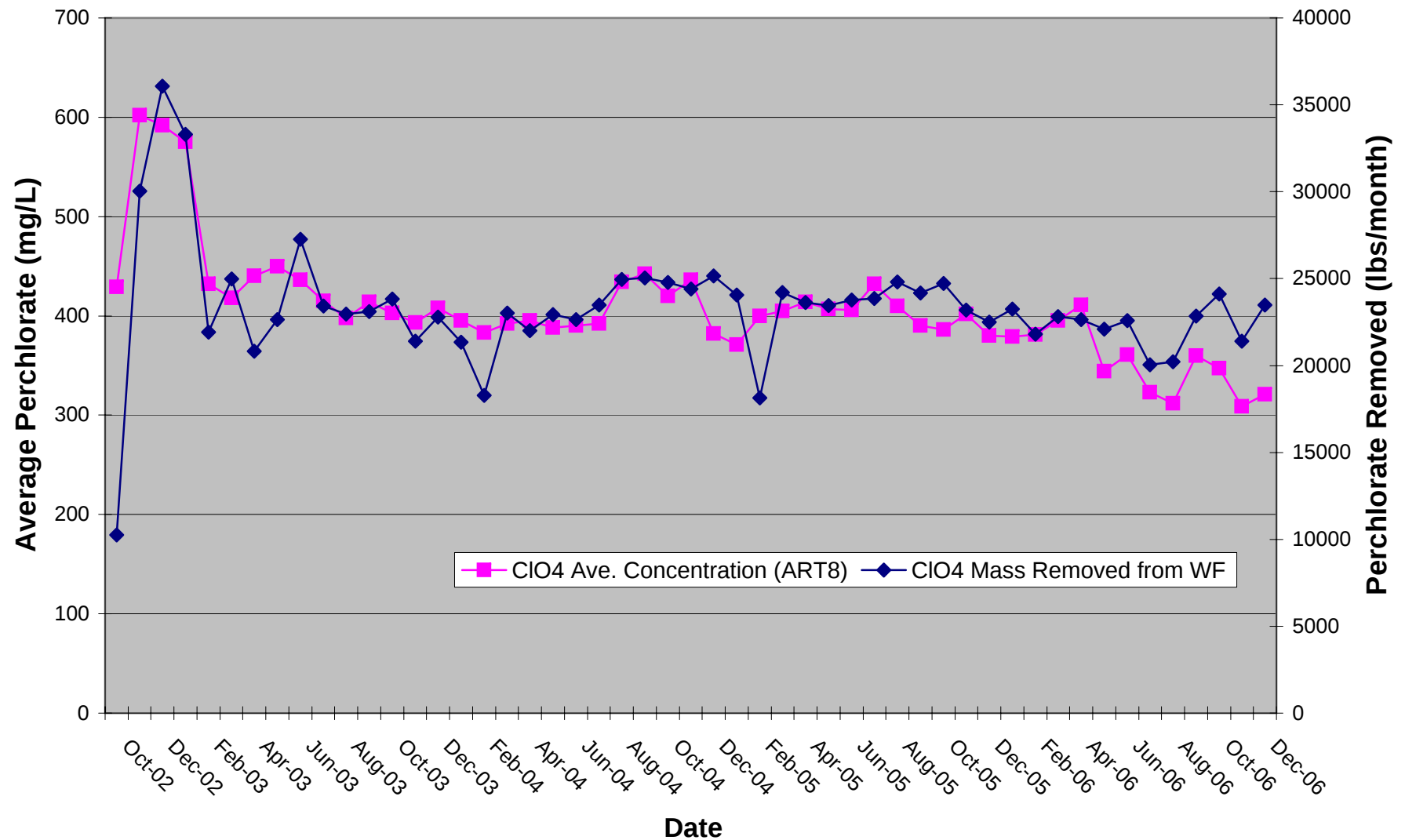
FIGURE 14: ATHENS ROAD WELL FIELD PERCHLORATE CONCENTRATION TREND GRAPH
TRONOX LLC HENDERSON, NEVADA



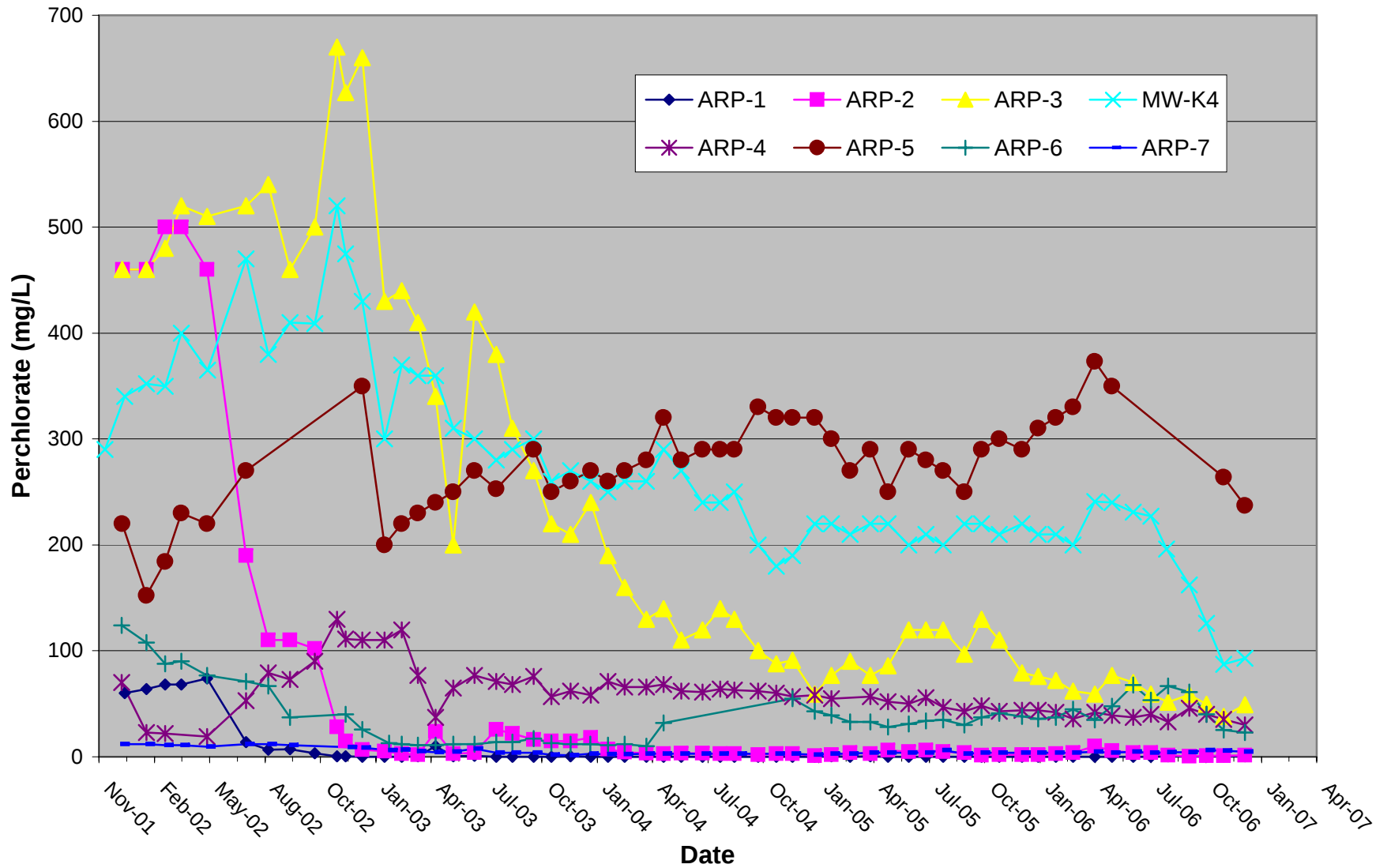
**FIGURE 15: ATHENS ROAD WELL FIELD PERCHLORATE SECTION GRAPH TRONOX LLC
HENDERSON, NEVADA**



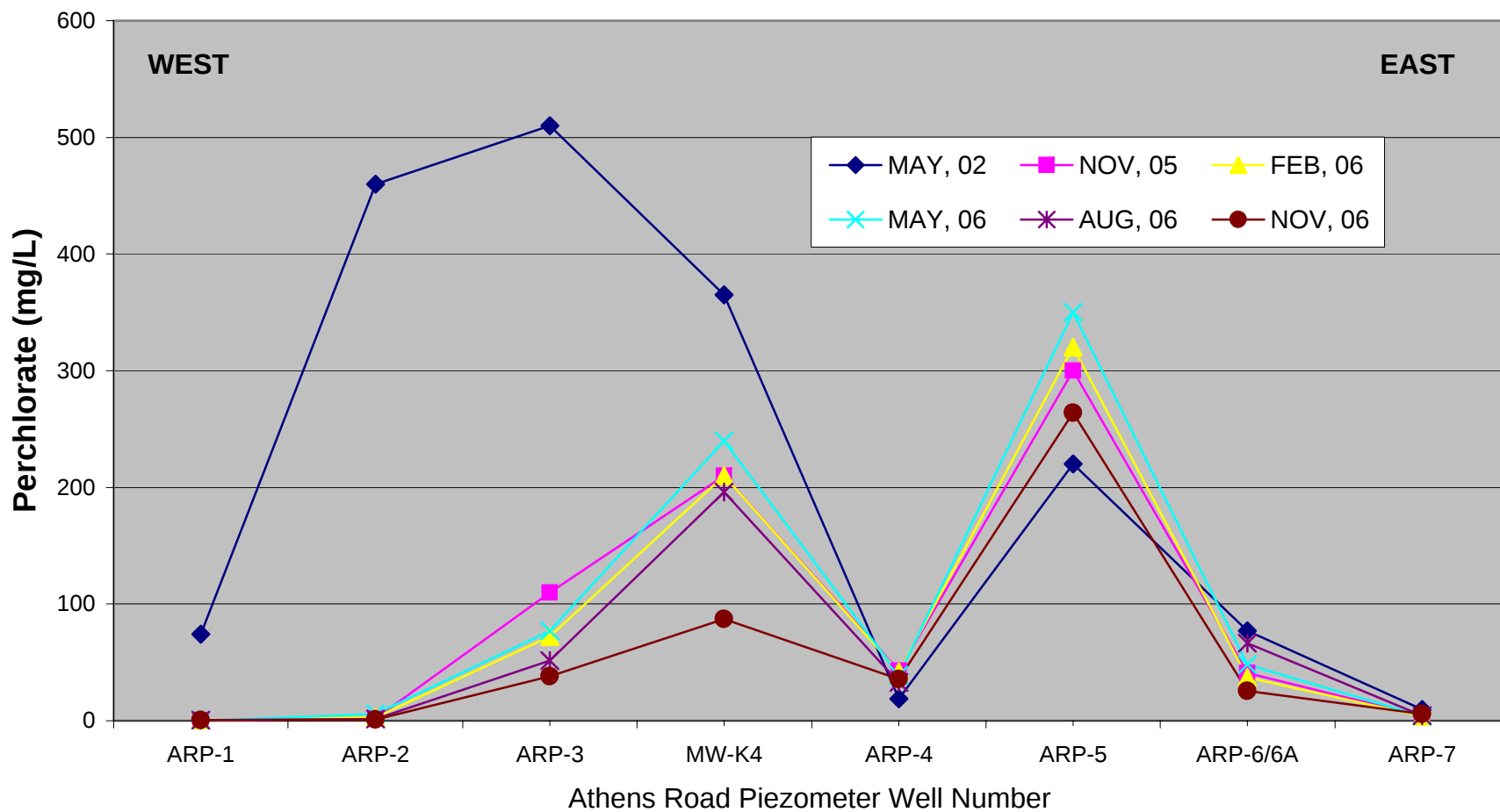
**FIGURE 16: ATHENS ROAD WELL FIELD AVERAGE PERCHLORATE CONCENTRATION IN
ART 8 AND MASS REMOVED TRONOX LLC HENDERSON, NEVADA**



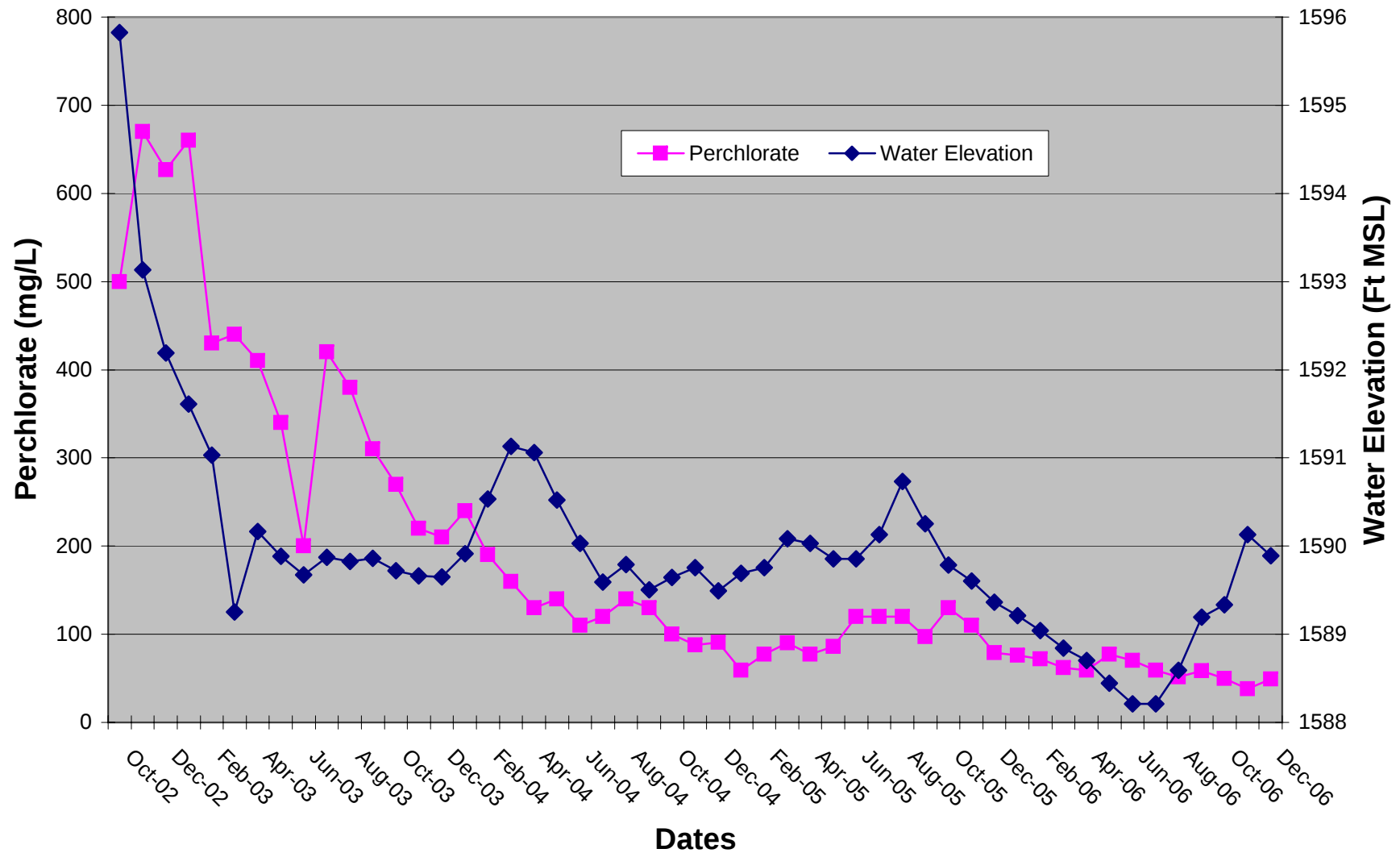
**FIGURE 17: ATHENS ROAD PIEZOMETER WELL LINE PERCHLORATE CONCENTRATION
TREND GRAPH TRONOX LLC HENDERSON, NEVADA**



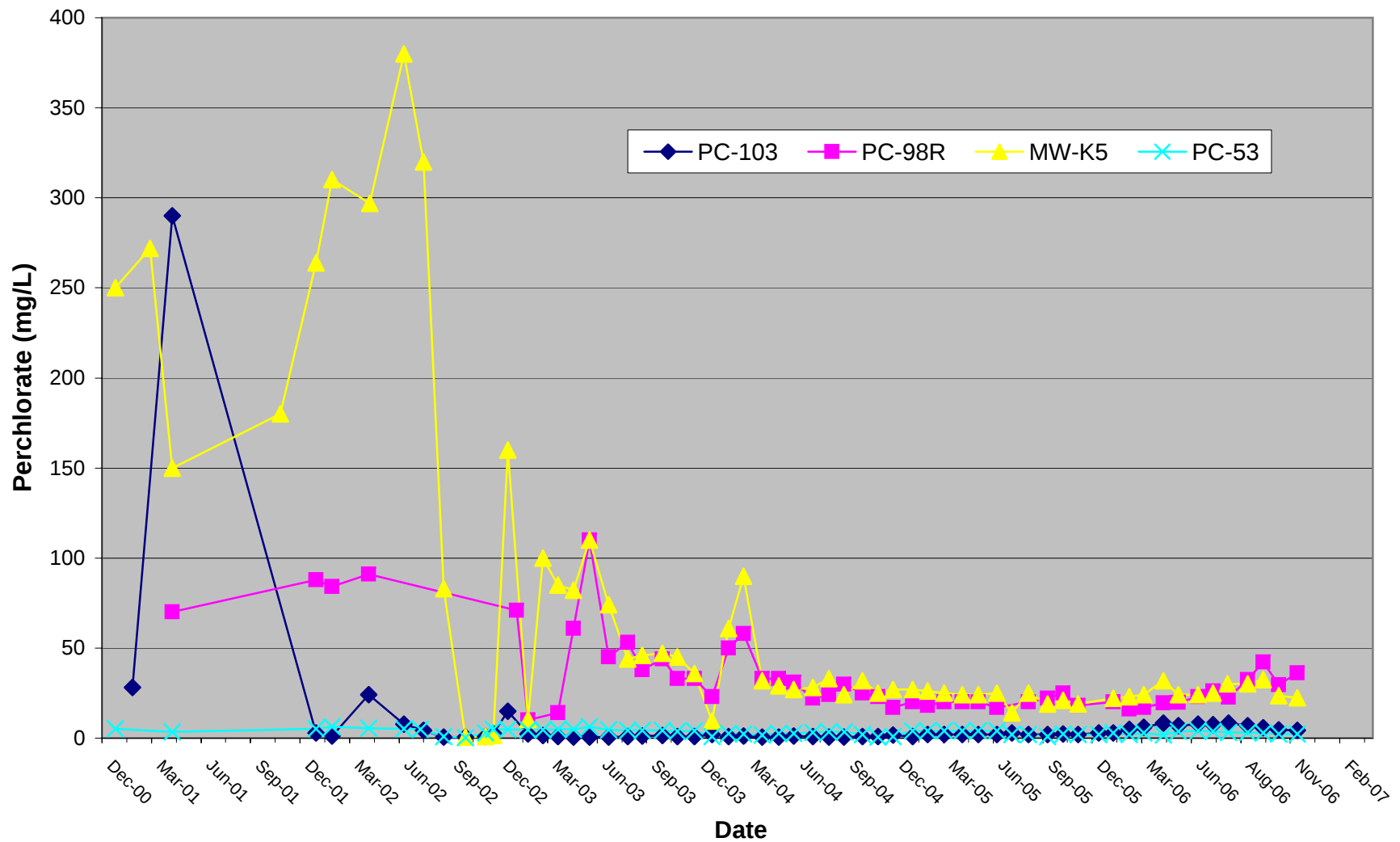
**FIGURE 18: ATHENS ROAD PIEZOMETER WELL LINE PERCHLORATE CONCENTRATION
SECTION GRAPH TRONOX LLC HENDERSON, NEVADA**



**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**

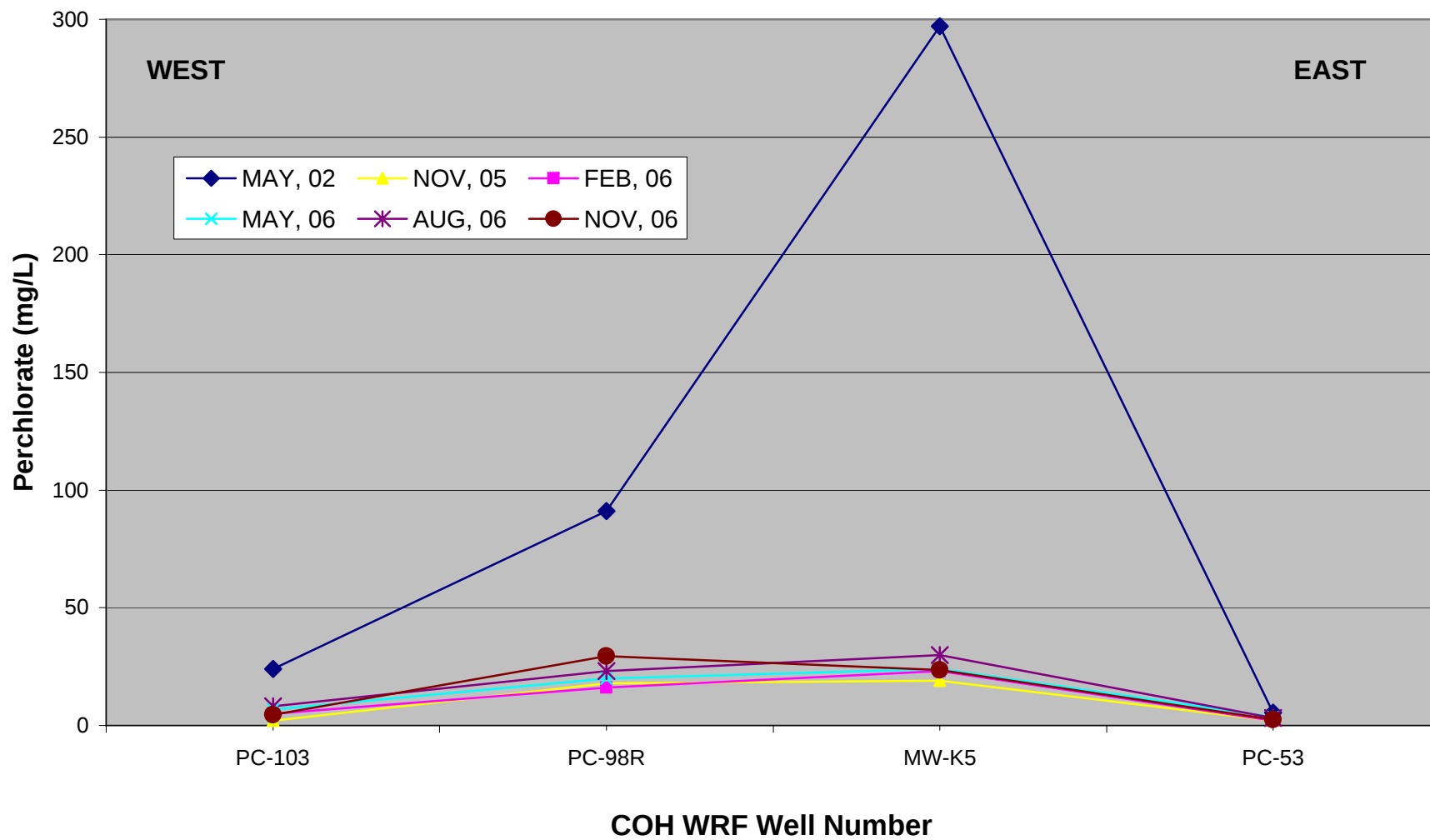


FIGURE 22: WELL PC-98R PERCHLORATE VS. WATER ELEVATION TREND GRAPH
TRONOX LLC HENDERSON, NEVADA

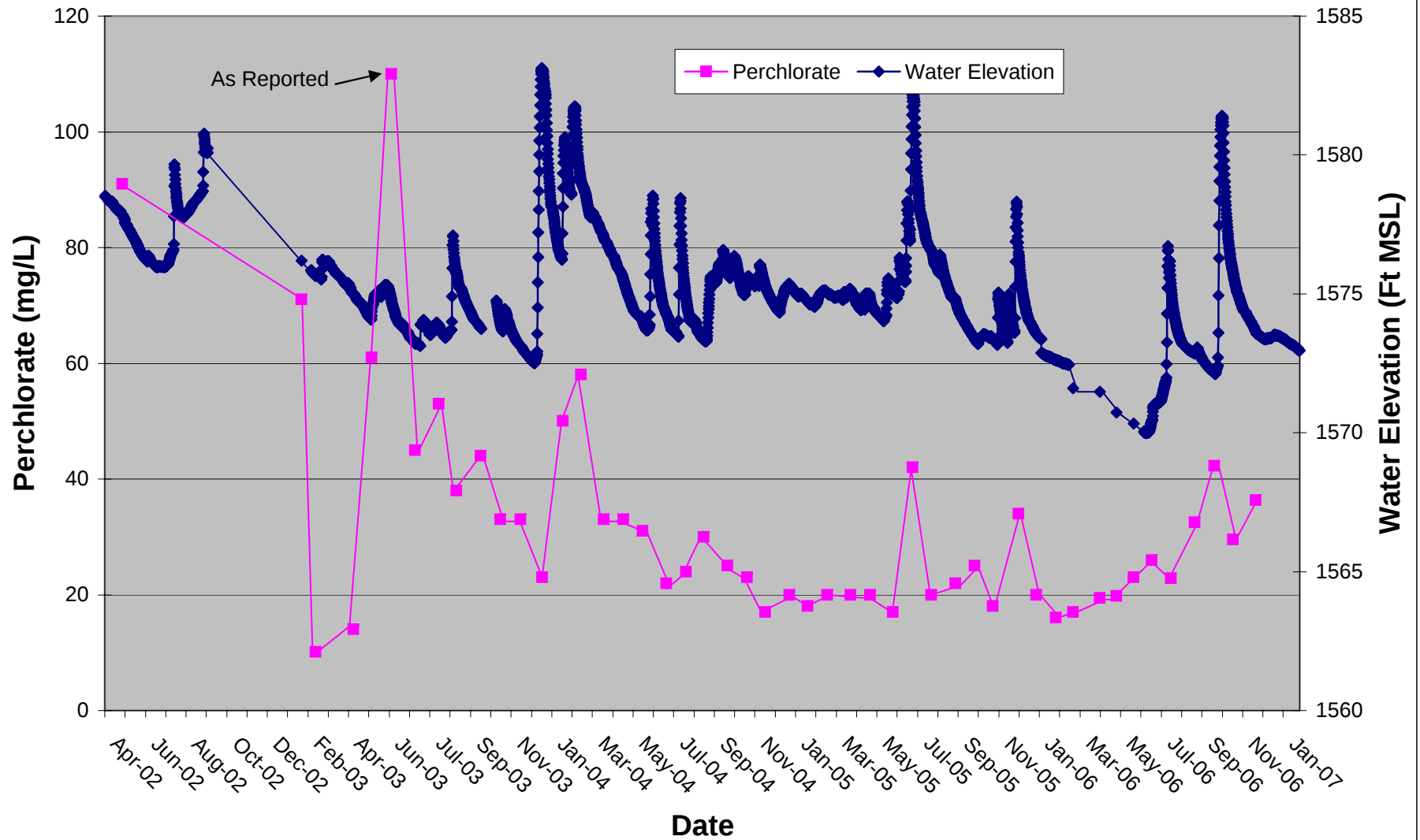
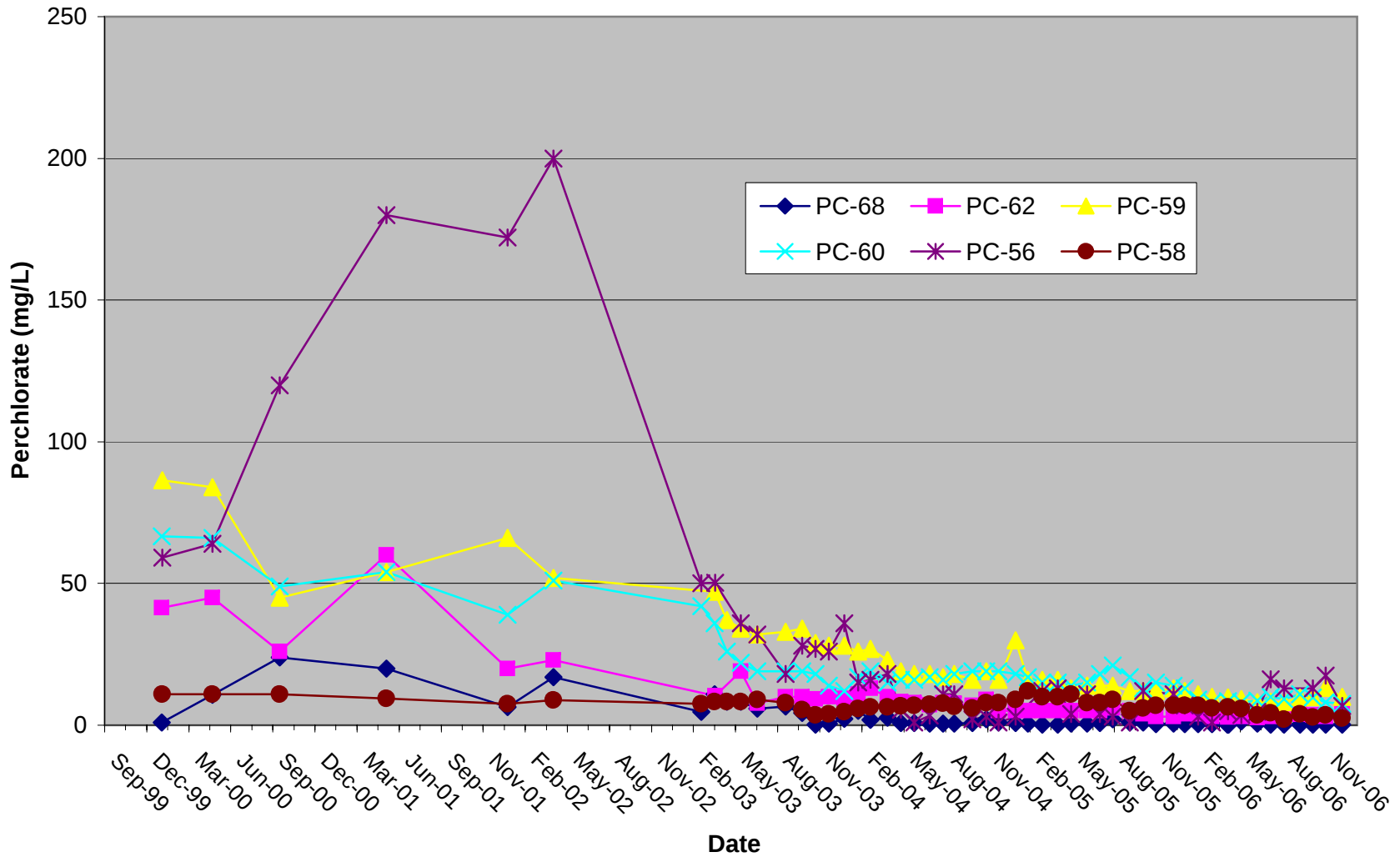
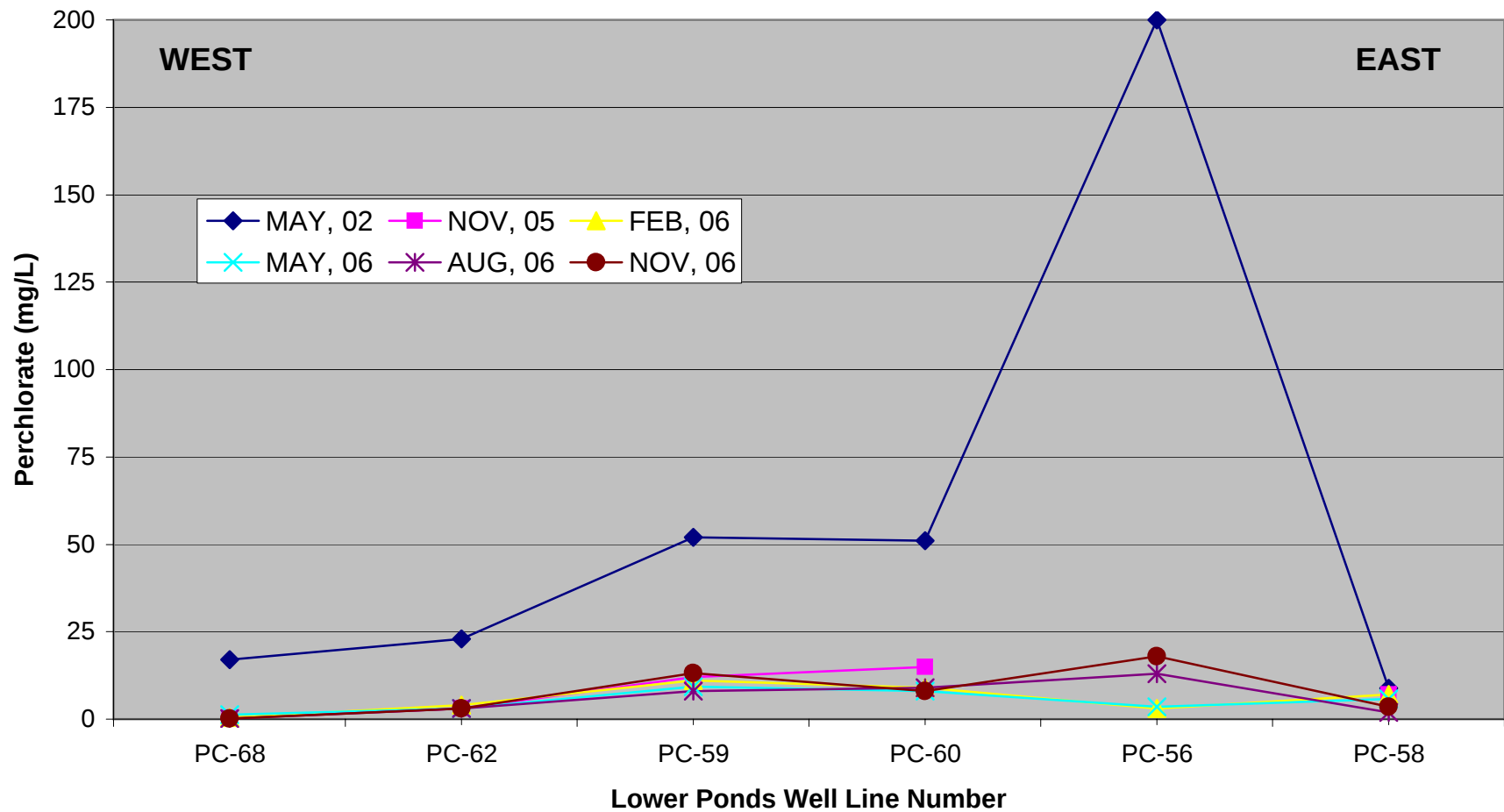


FIGURE 23: LOWER PONDS WELL LINE PERCHLORATE CONCENTRATION TREND
GRAPH TRONOX LLC HENDERSON, NEVADA



**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**

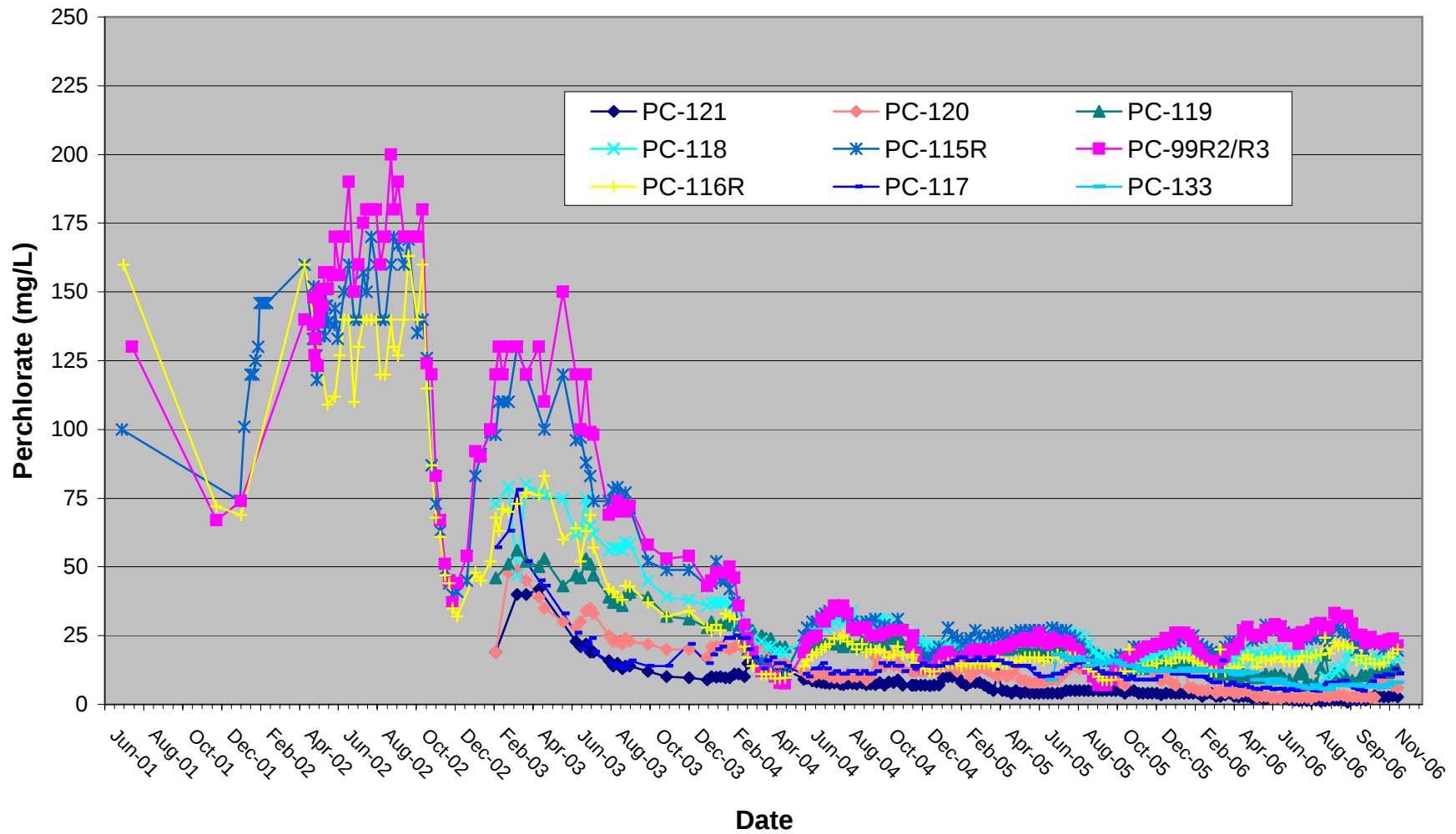


FIGURE 26: WELL PC-97 PERCHLORATE VS. WATER ELEVATION TREND GRAPH
TRONOX LLC HENDERSON, NEVADA

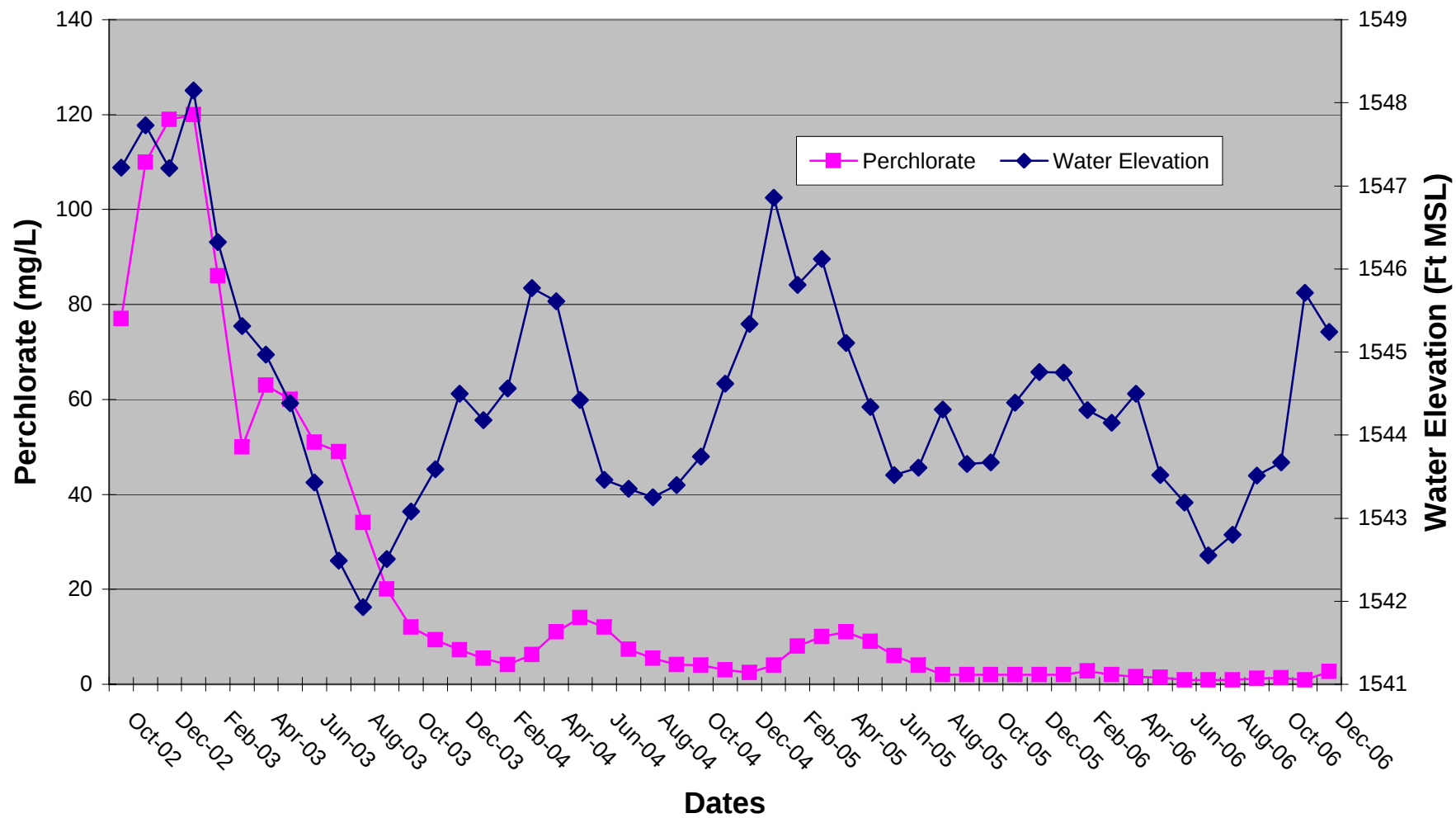
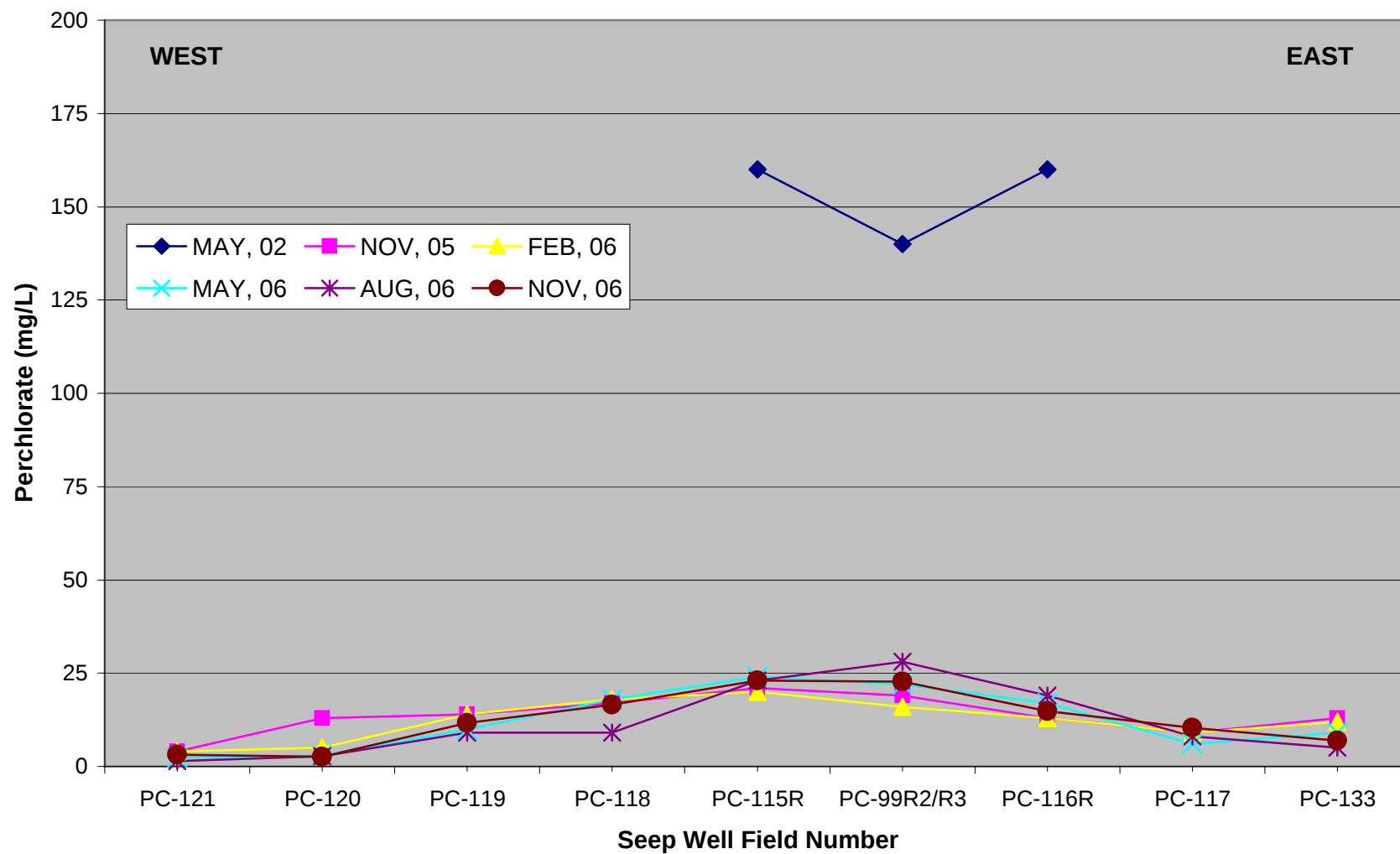
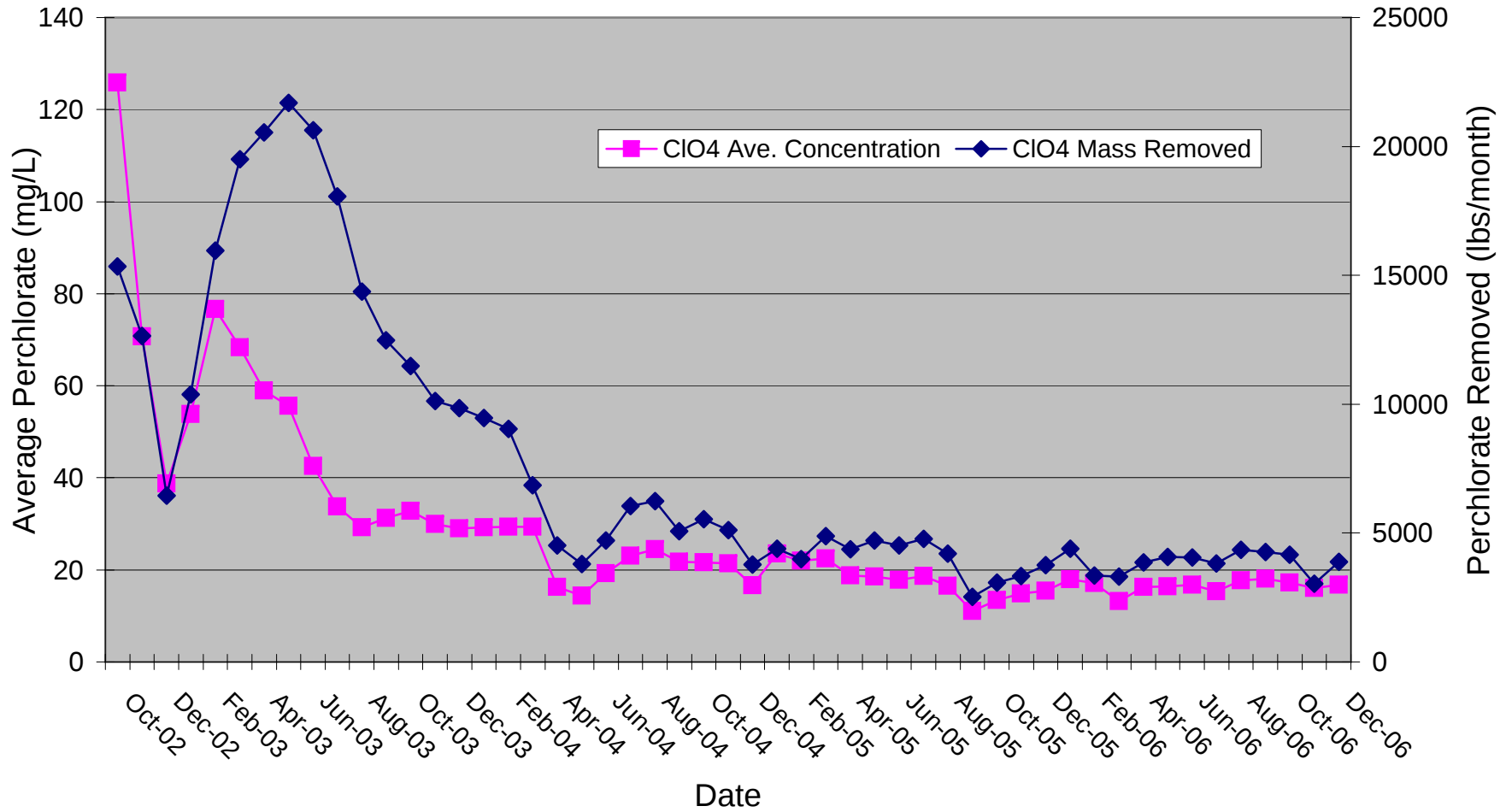


FIGURE 27: SEEP WELL FIELD PERCHLORATE CONCENTRATION SECTION GRAPH
TRONOX LLC HENDERSON, NEVADA



**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**

