

APPENDIX G
STREAM SEDIMENT AND SURFACE WATER QUALITY
GRAPHS

**APPENDIX G-1
STREAM SEDIMENT GRAPHS**

Figure G-1A

STREAM SEDIMENT
Arsenic (mg/kg)

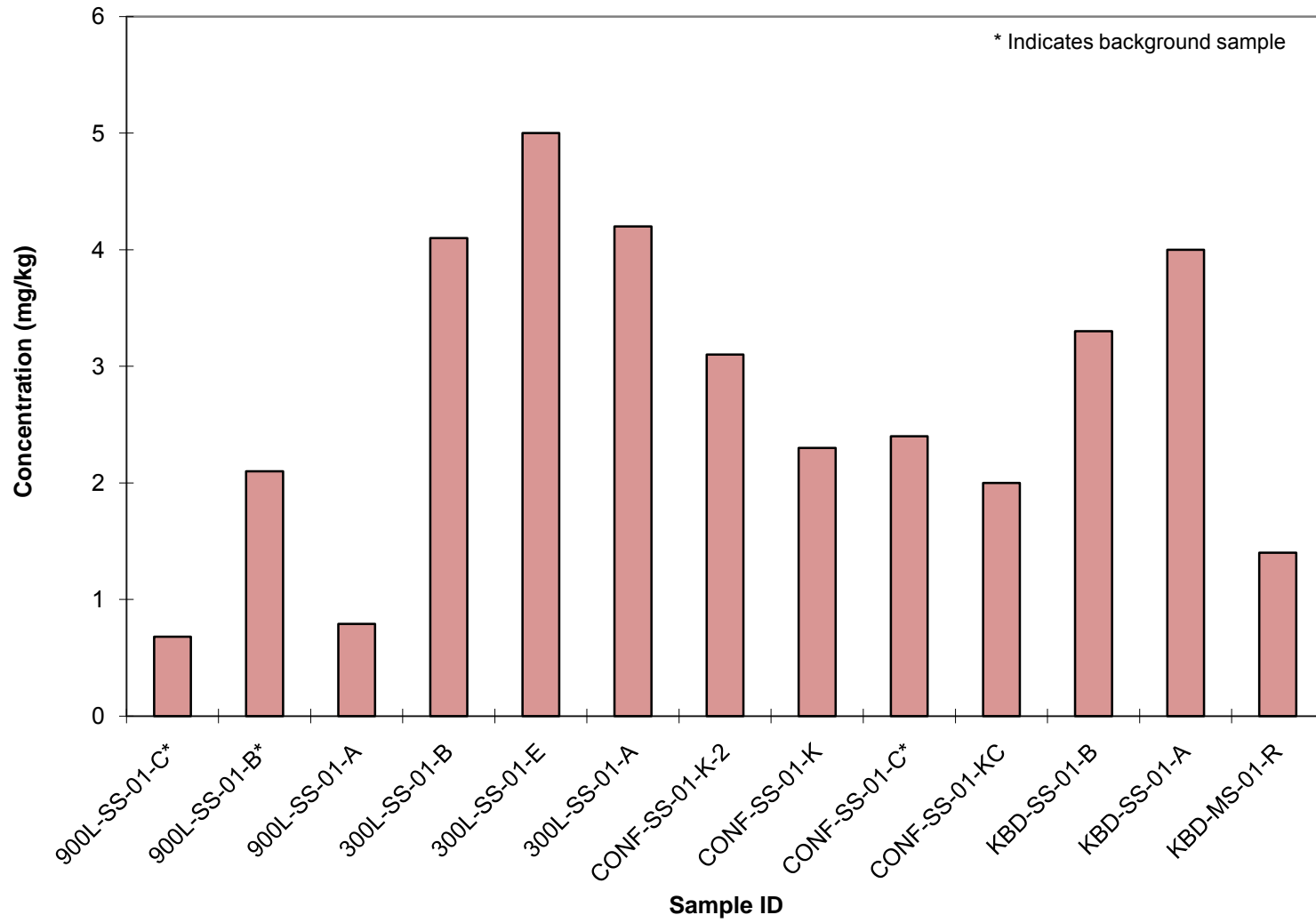


Figure G-1B

**STREAM SEDIMENT
Barium (mg/kg)**

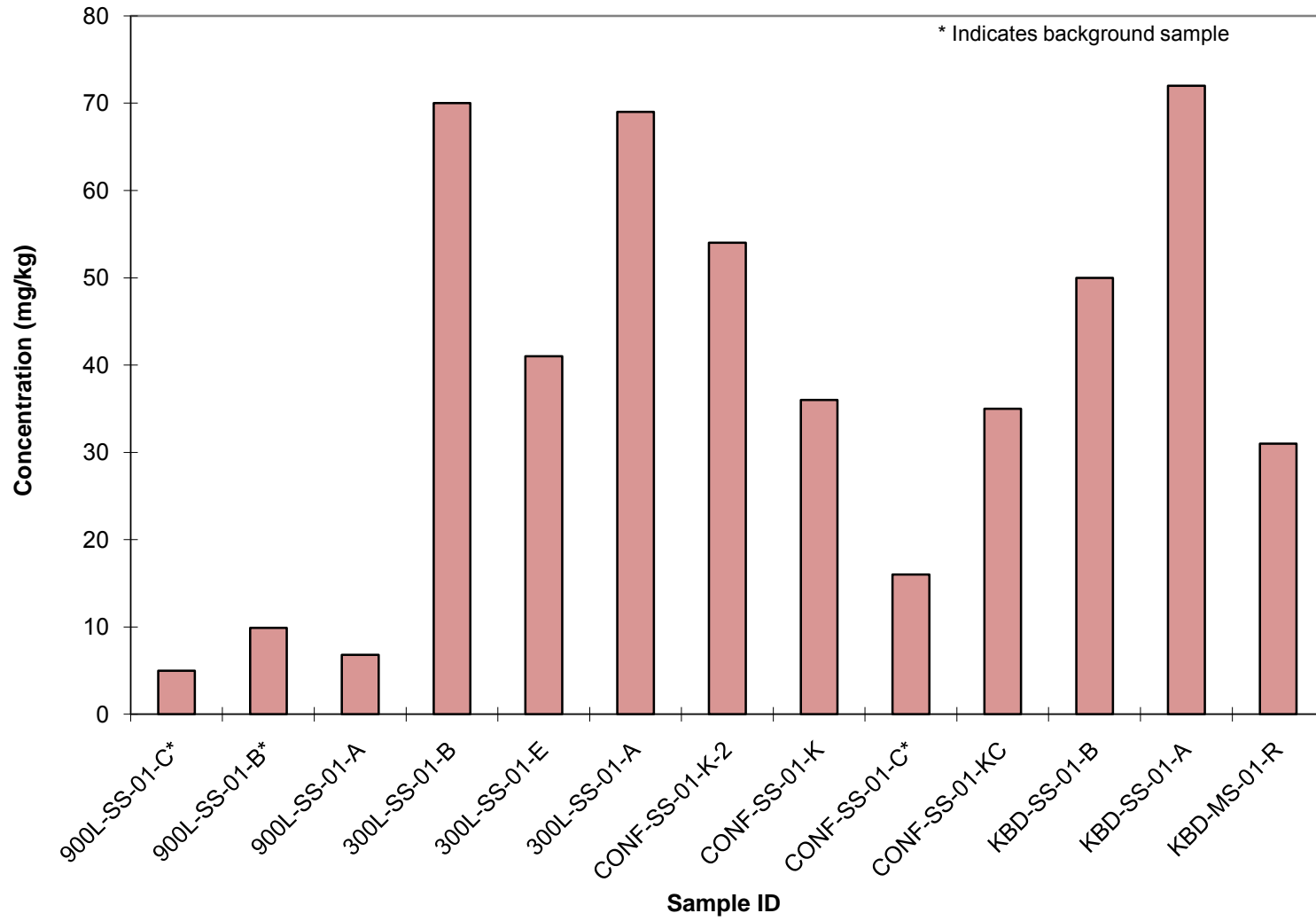


Figure G-1C

STREAM SEDIMENT
Beryllium (mg/kg)

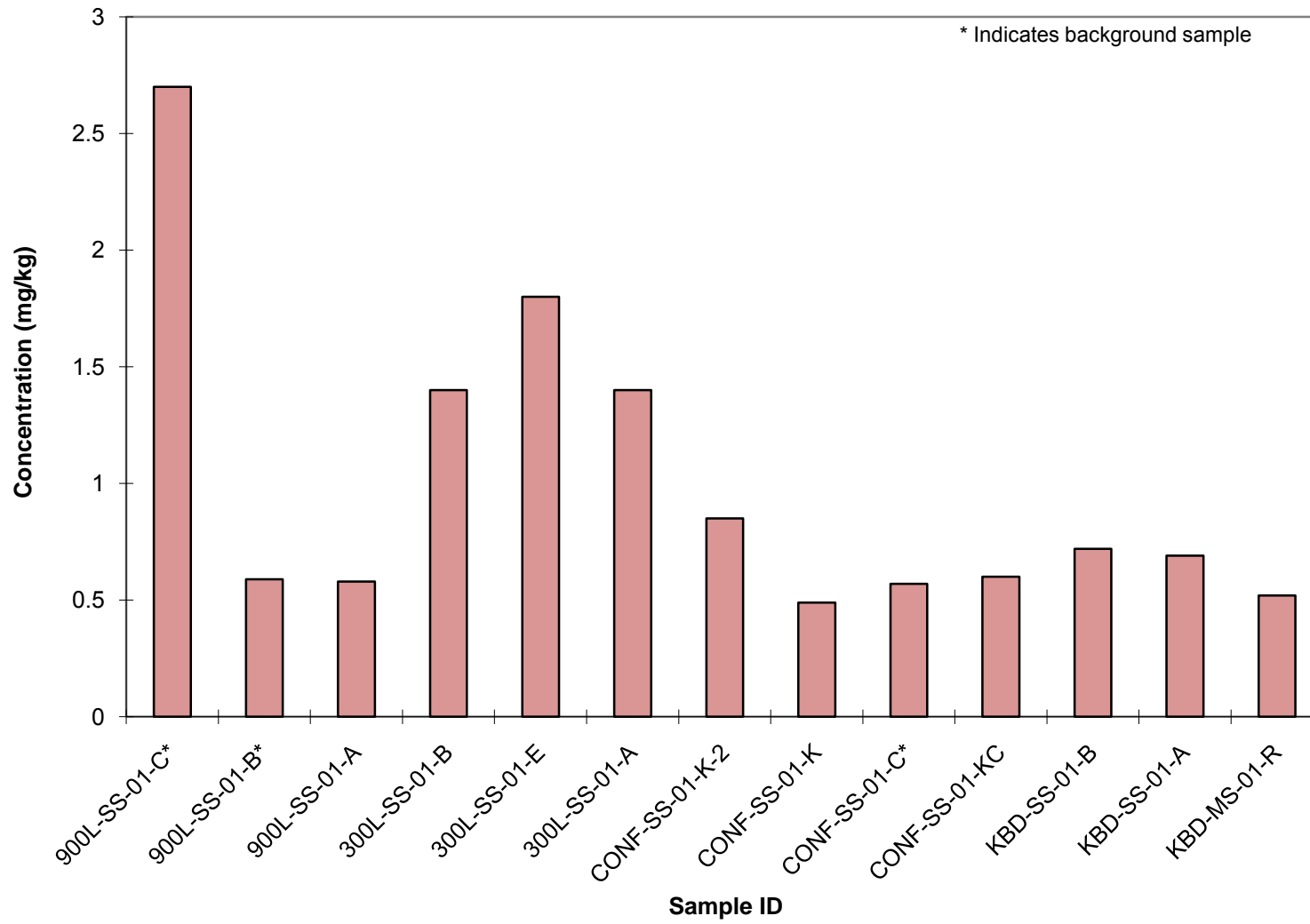


Figure G-1D

**STREAM SEDIMENT
Cadmium (mg/kg)**

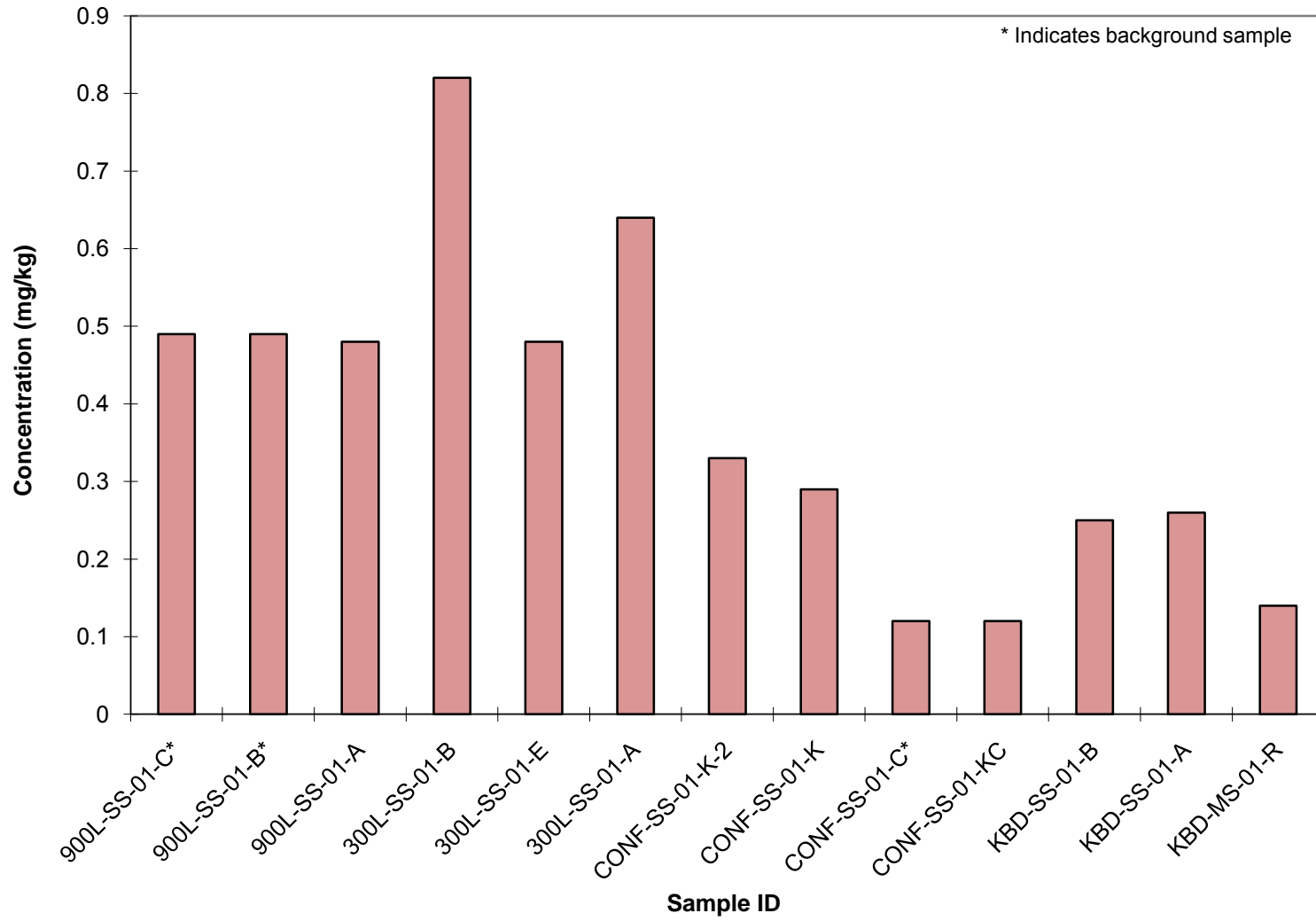


Figure G-1E

**STREAM SEDIMENT
Copper (mg/kg)**

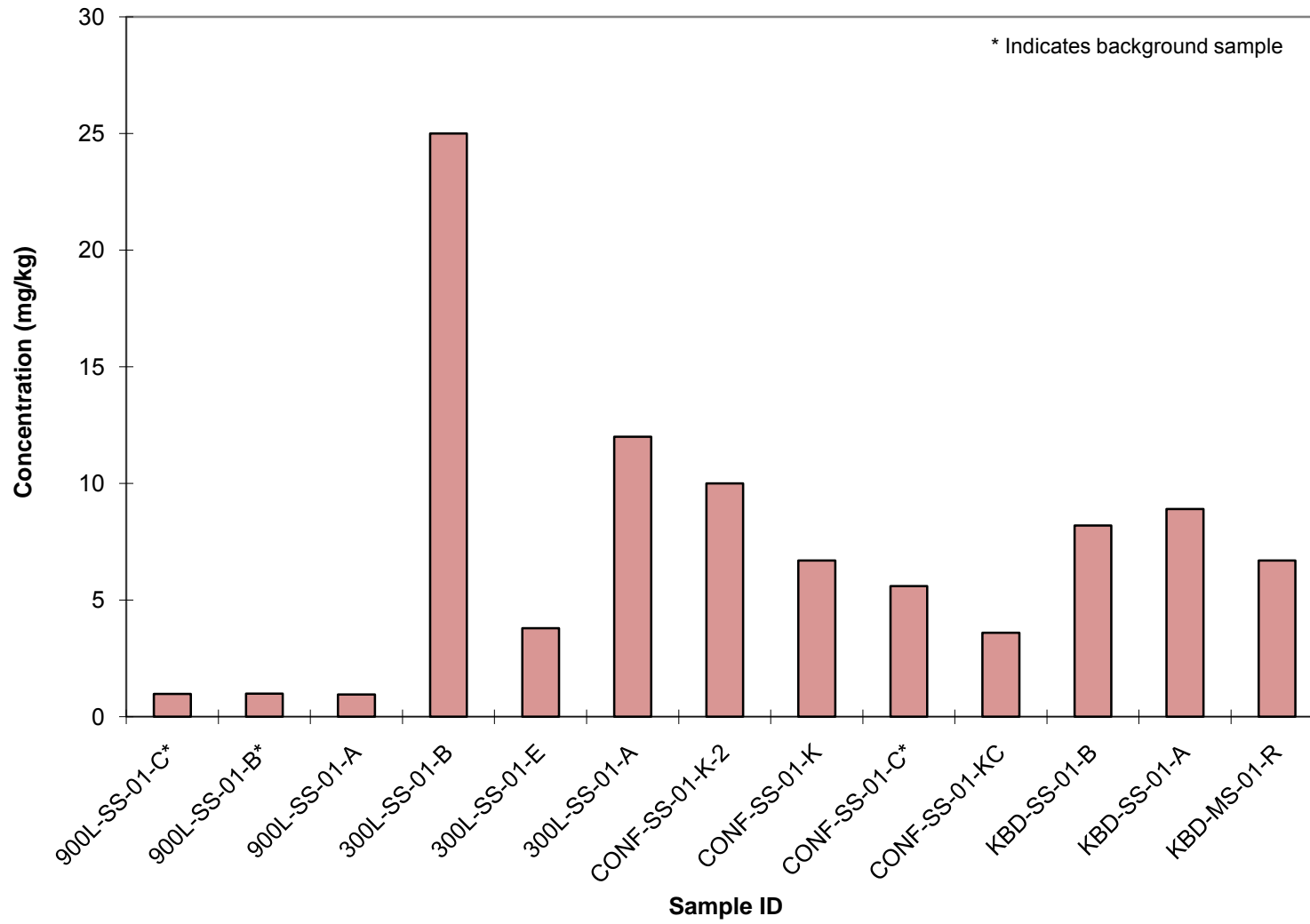


Figure G-1F

**STREAM SEDIMENT
Lead (mg/kg)**

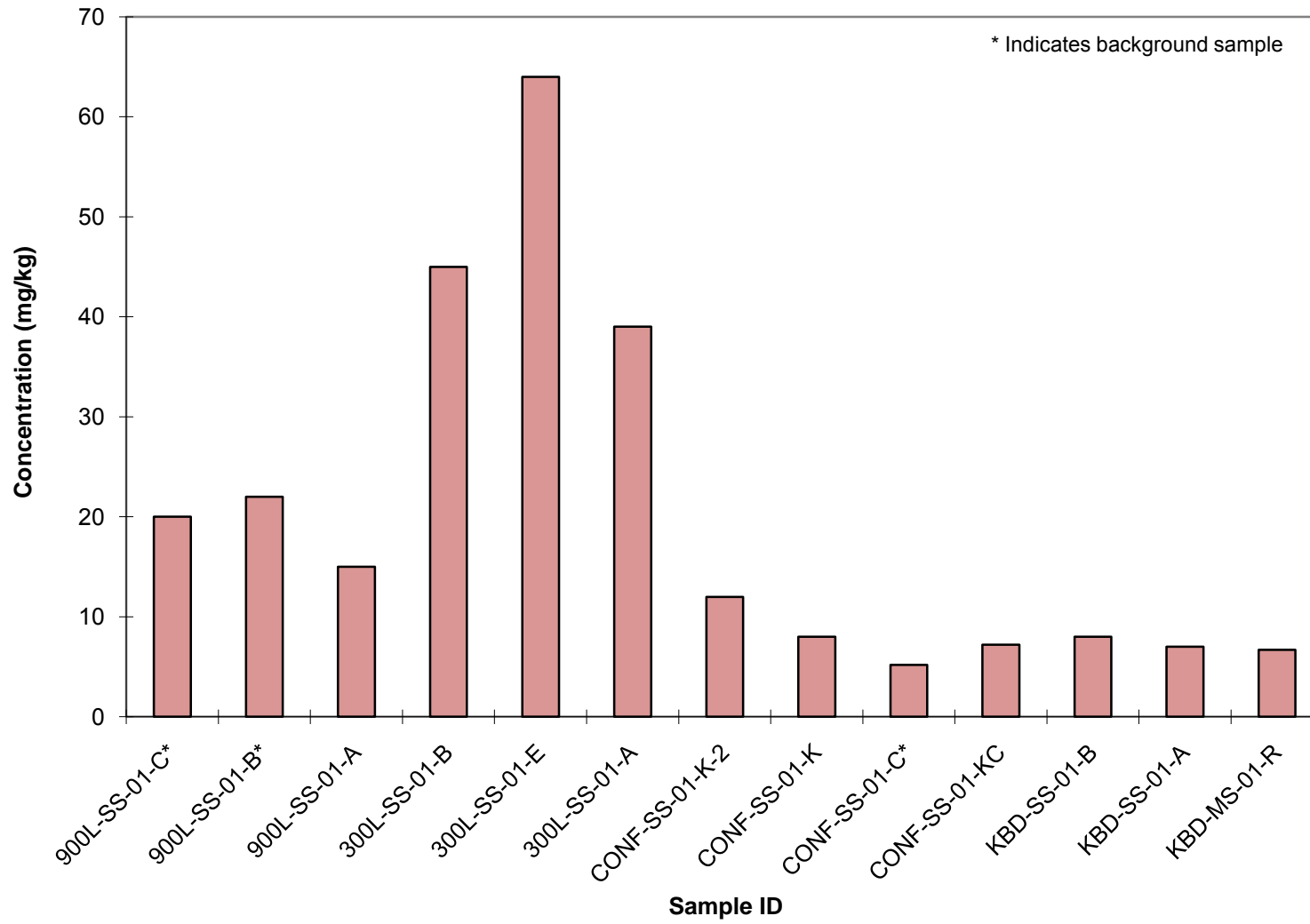


Figure G-1G

**STREAM SEDIMENT
Manganese (mg/kg)**

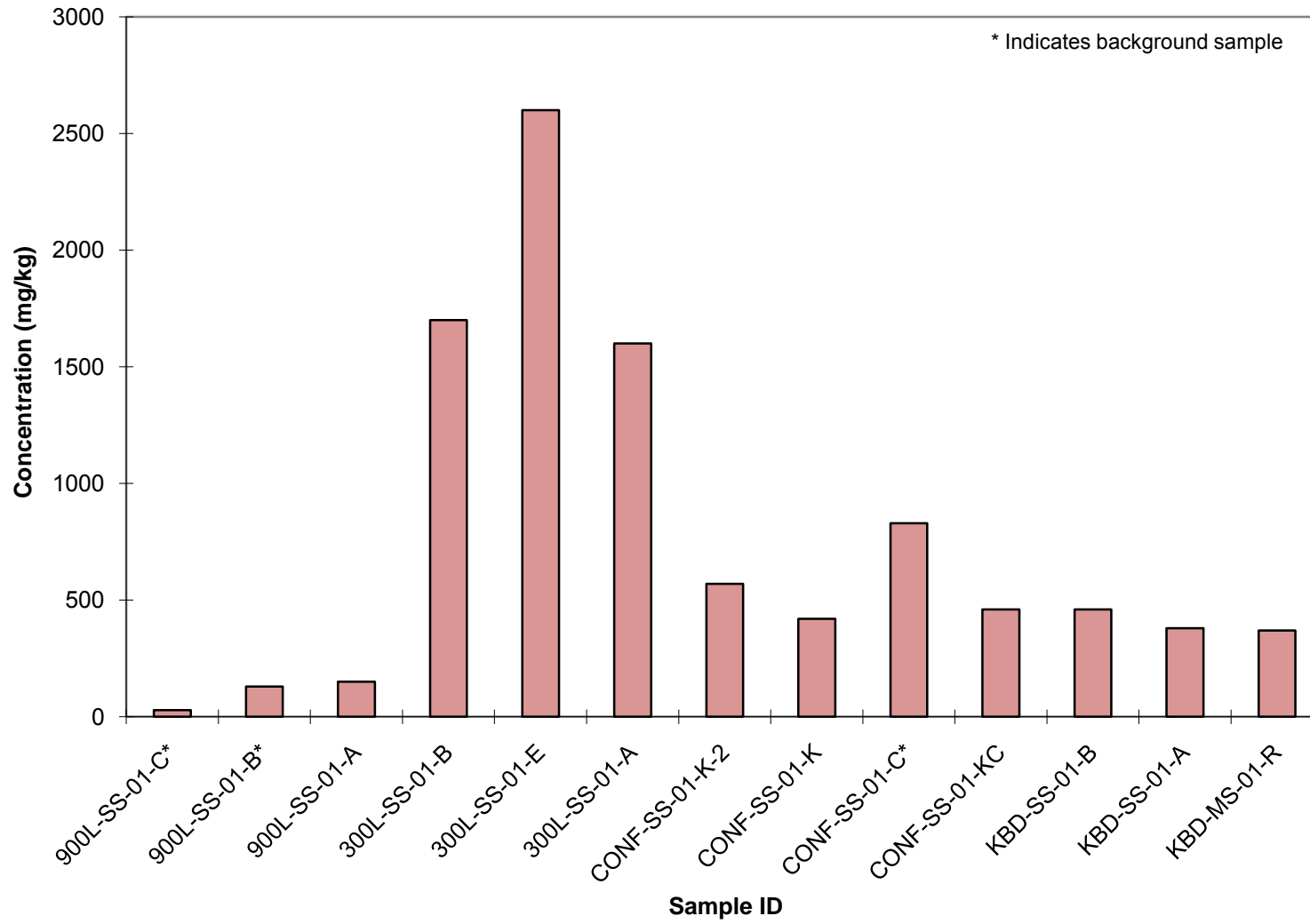


Figure G-1H

**STREAM SEDIMENT
Molybdenum (mg/kg)**

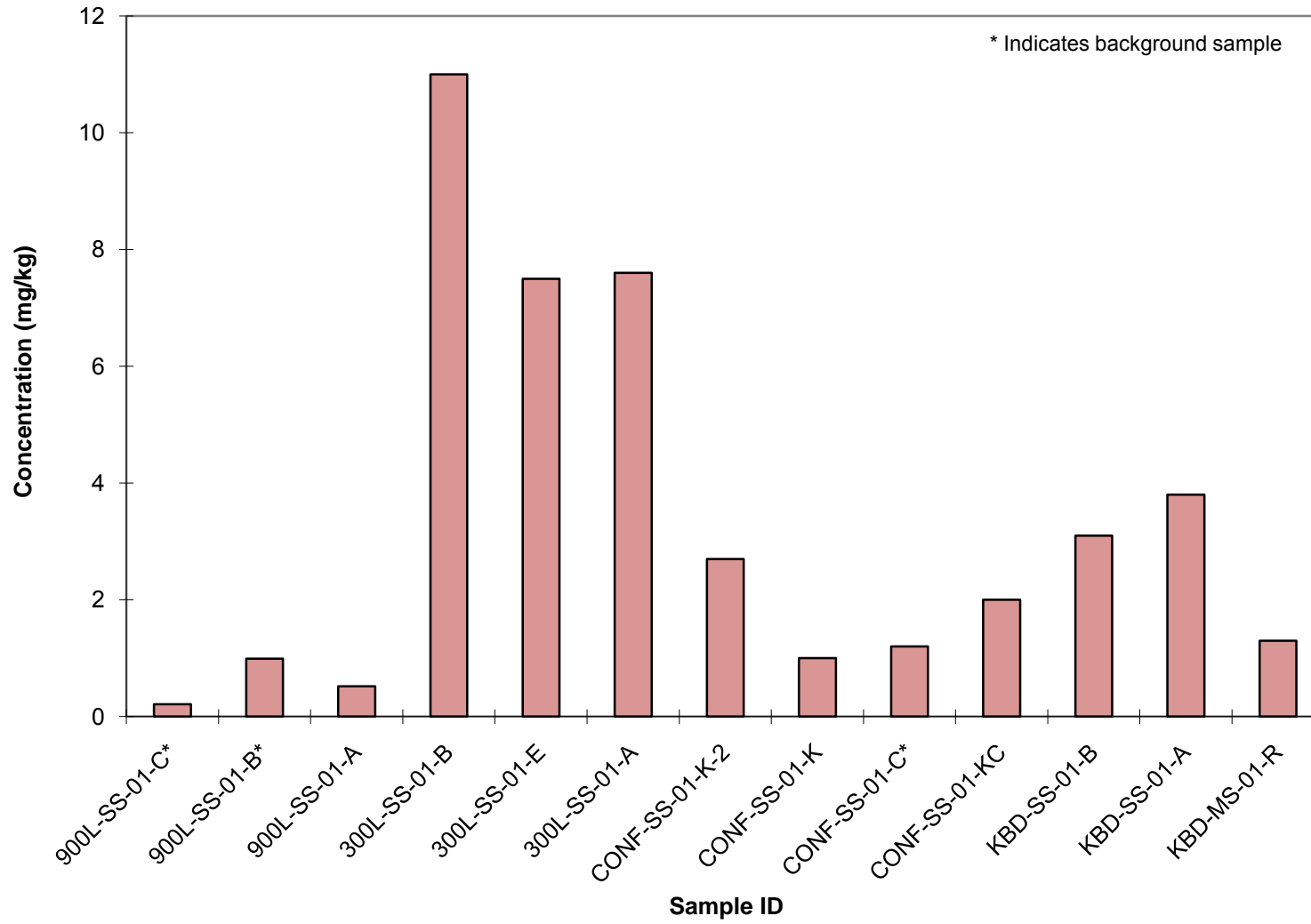


Figure G-11

STREAM SEDIMENT
Thallium (mg/kg)

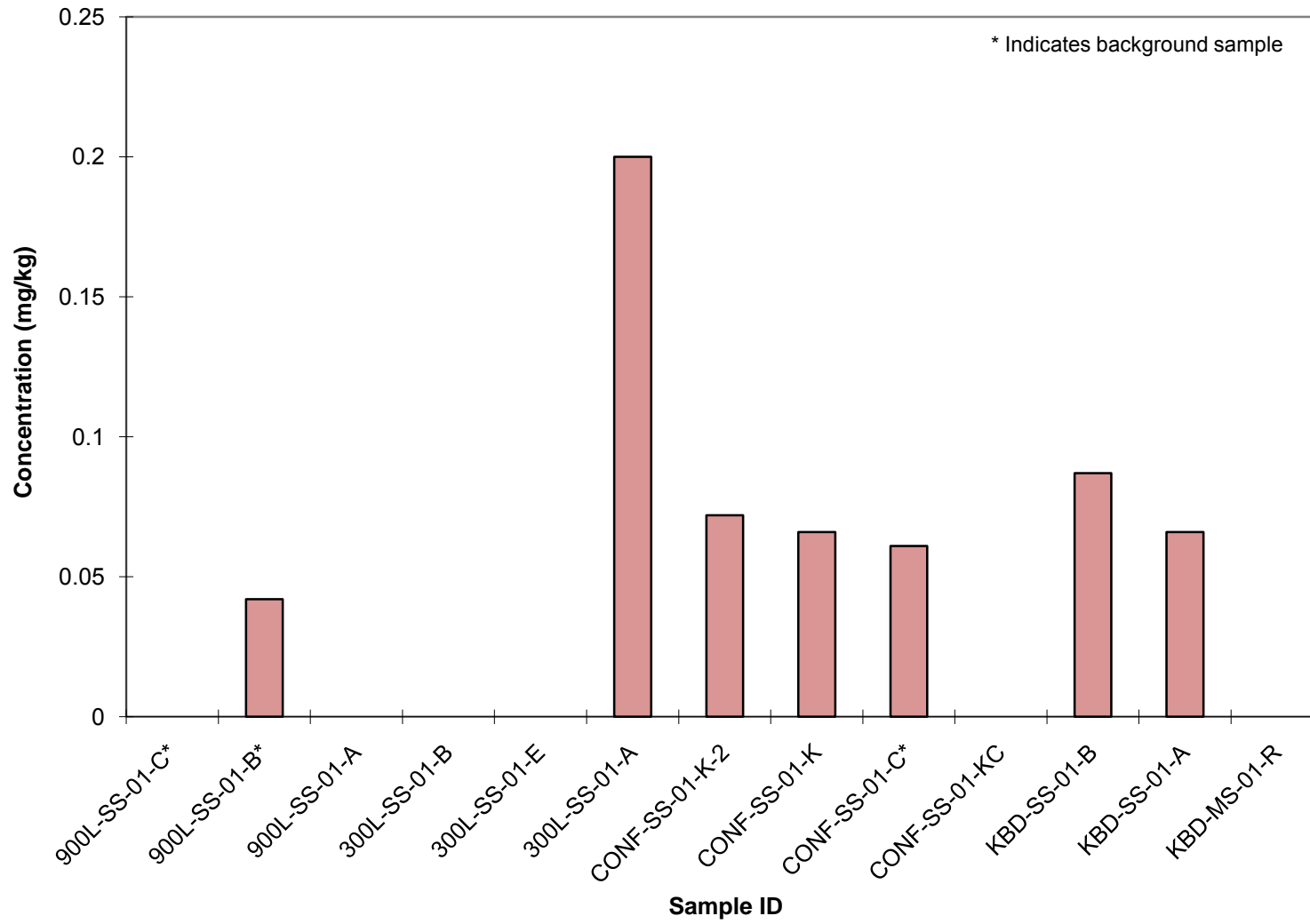


Figure G-1J

STREAM SEDIMENT
Uranium (mg/kg)

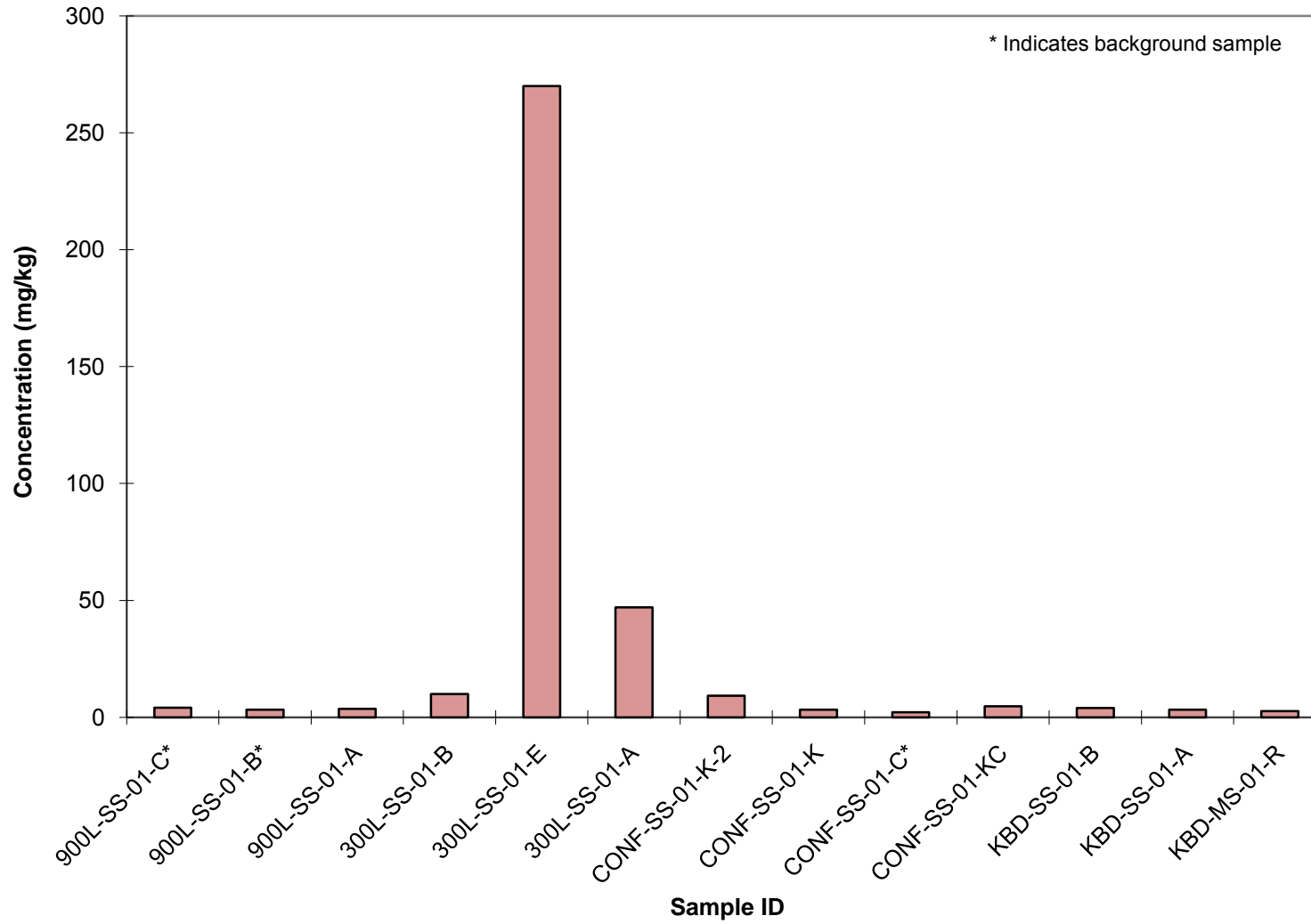


Figure G-1K

STREAM SEDIMENT
Zinc (mg/kg)

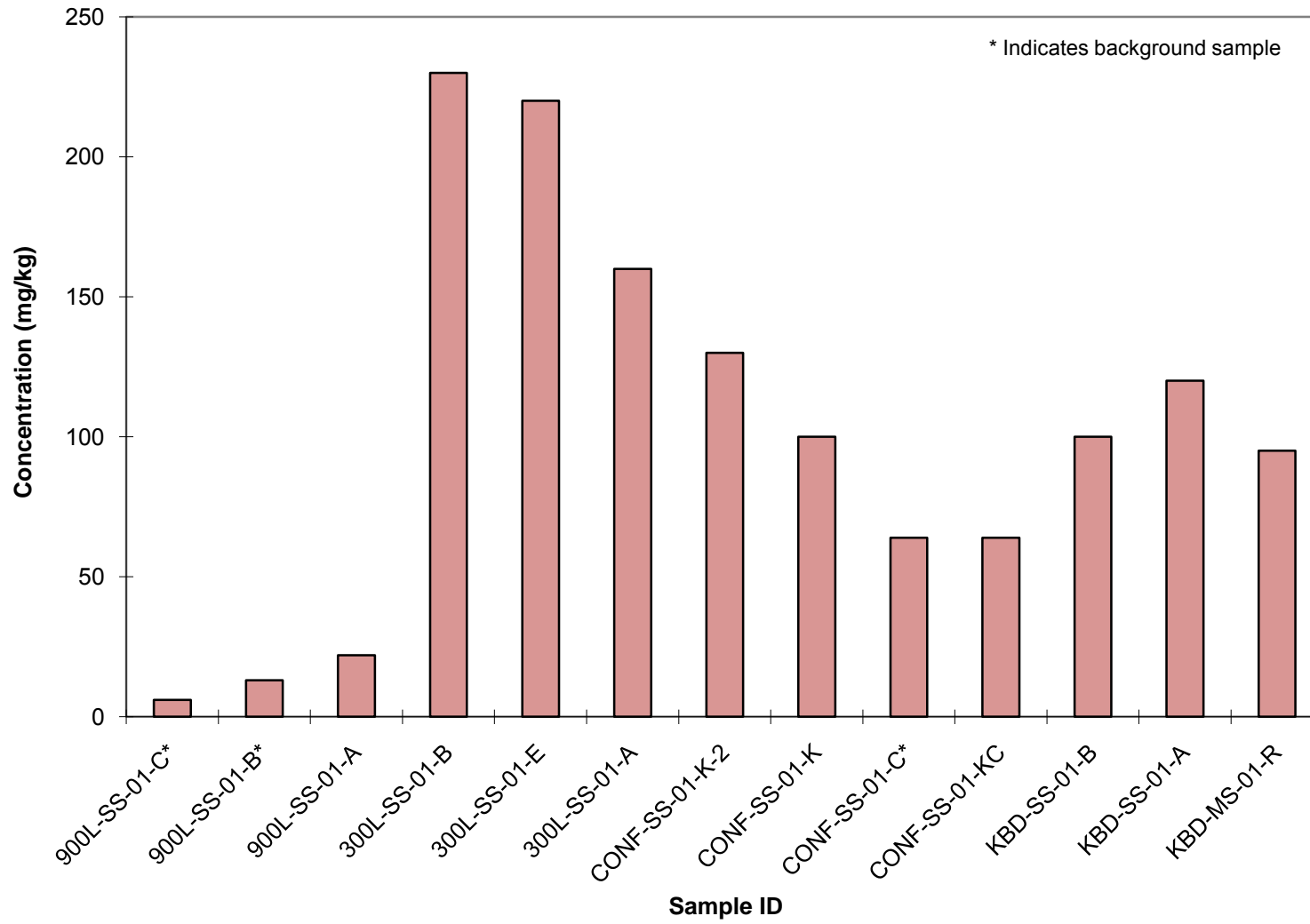


Figure G-1L

**STREAM SEDIMENT
Thorium-228 (pCi/g)**

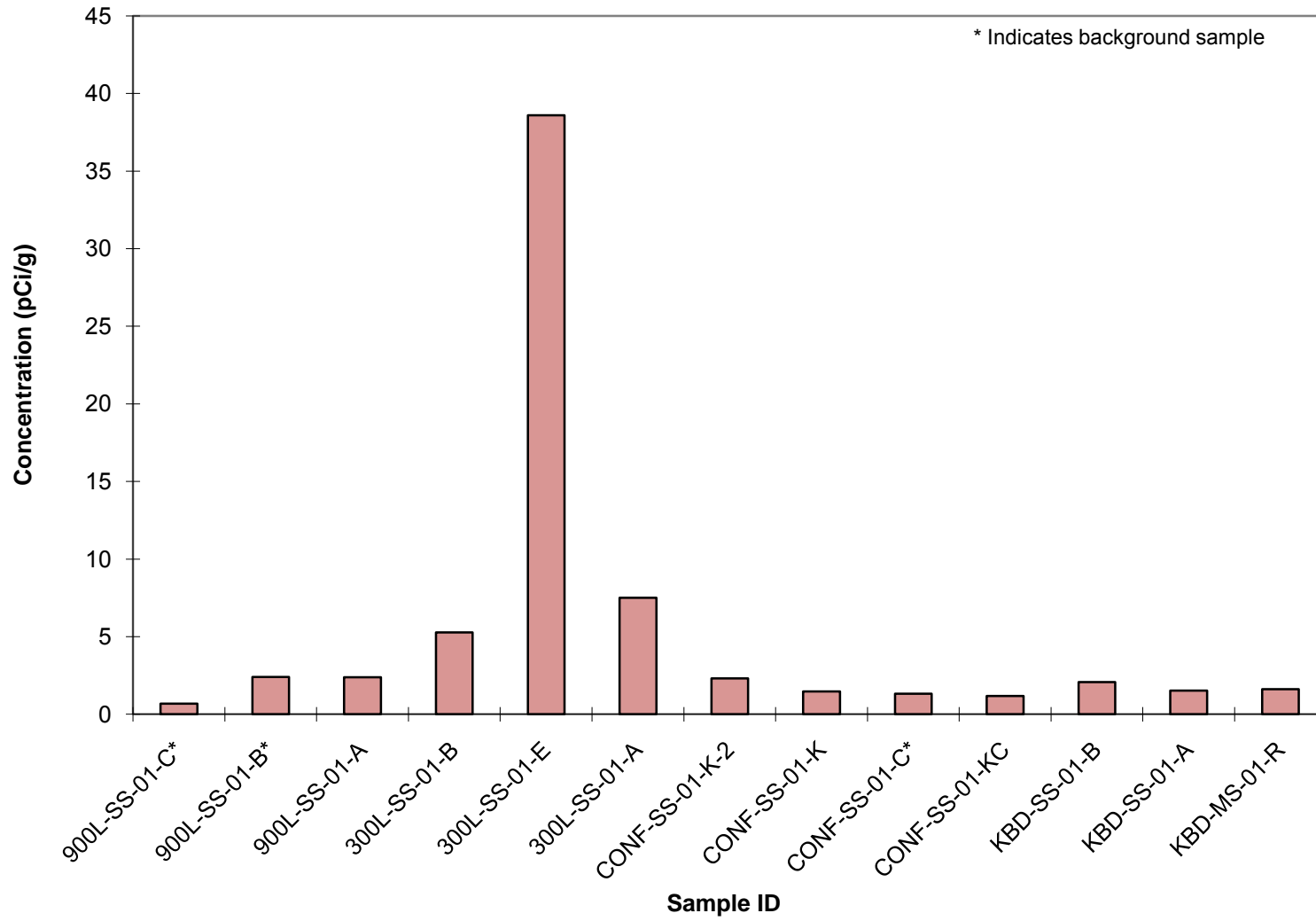


Figure G-1M

STREAM SEDIMENT
Thorium-230 (pCi/g)

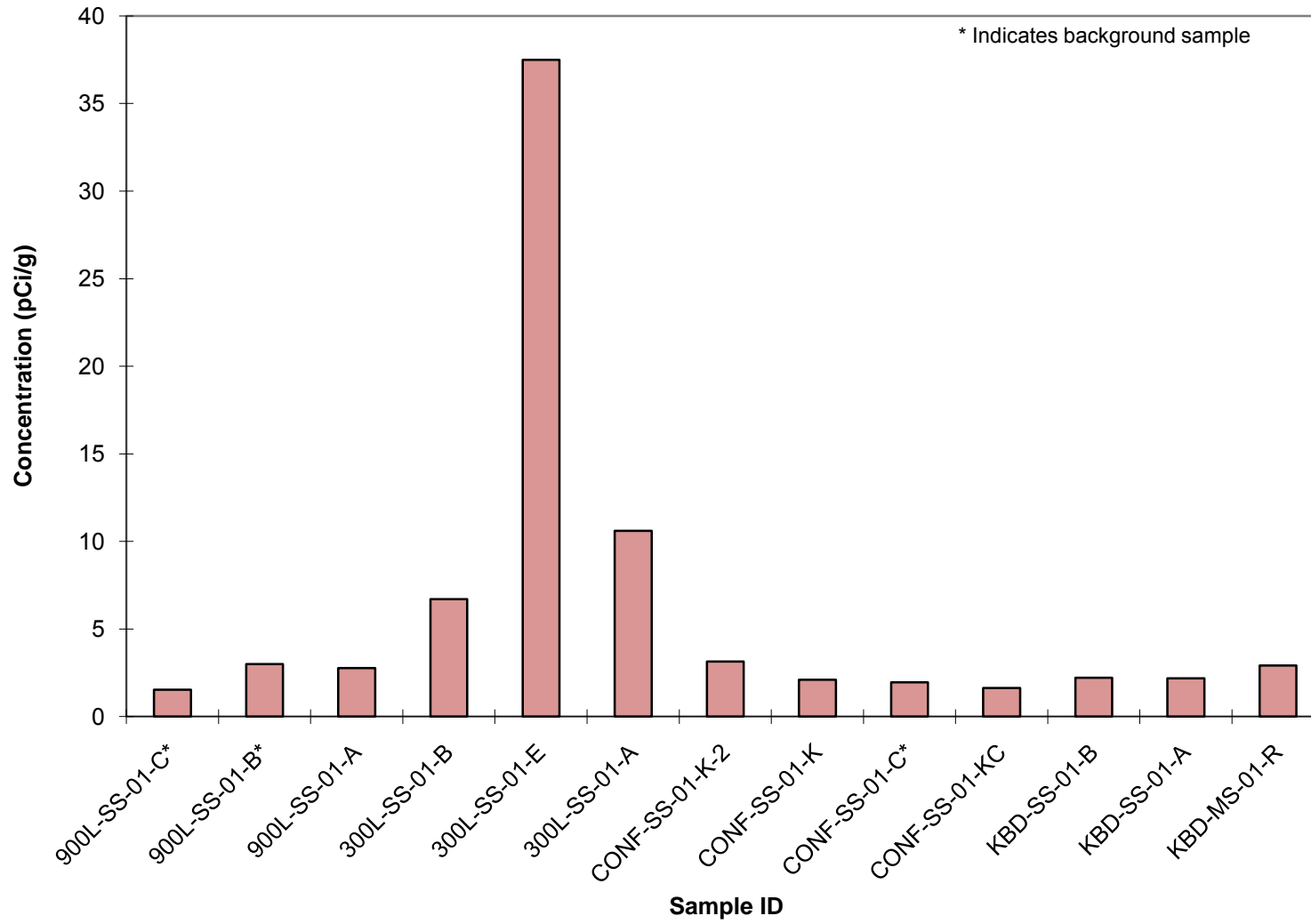


Figure G-1N

STREAM SEDIMENT
Radium-226 (pCi/g)

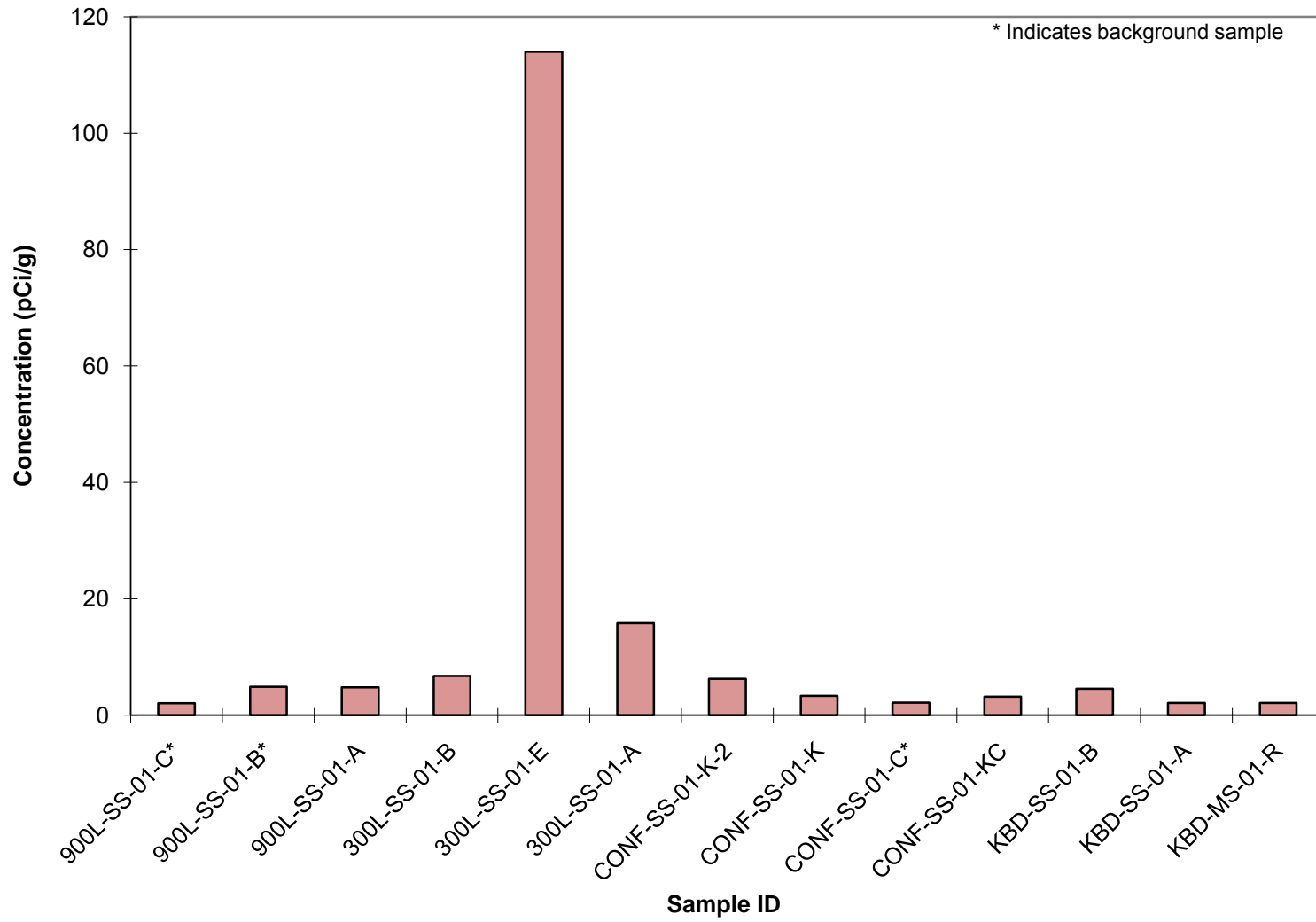


Figure G-10

**STREAM SEDIMENT
Radium-228 (pCi/g)**

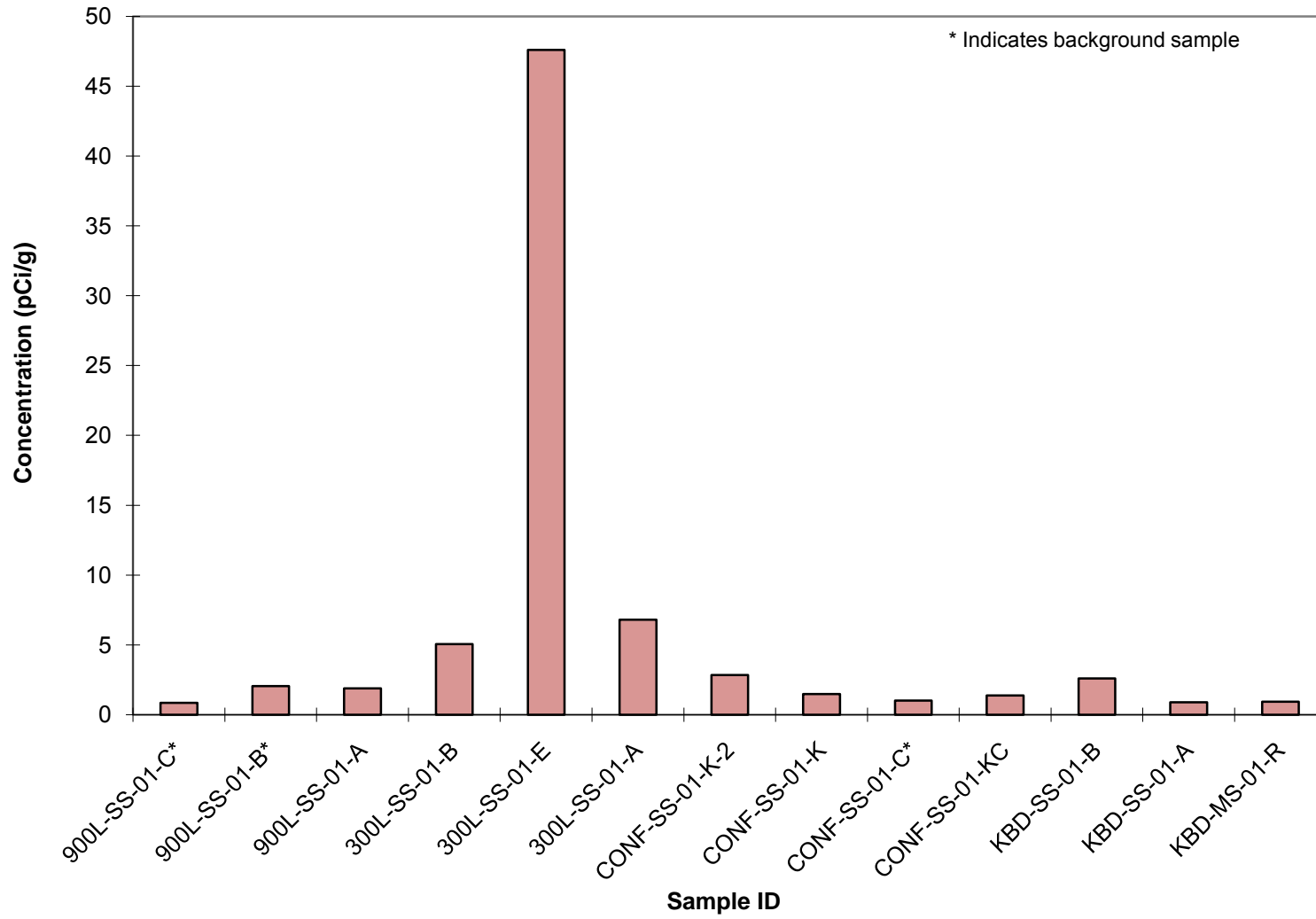
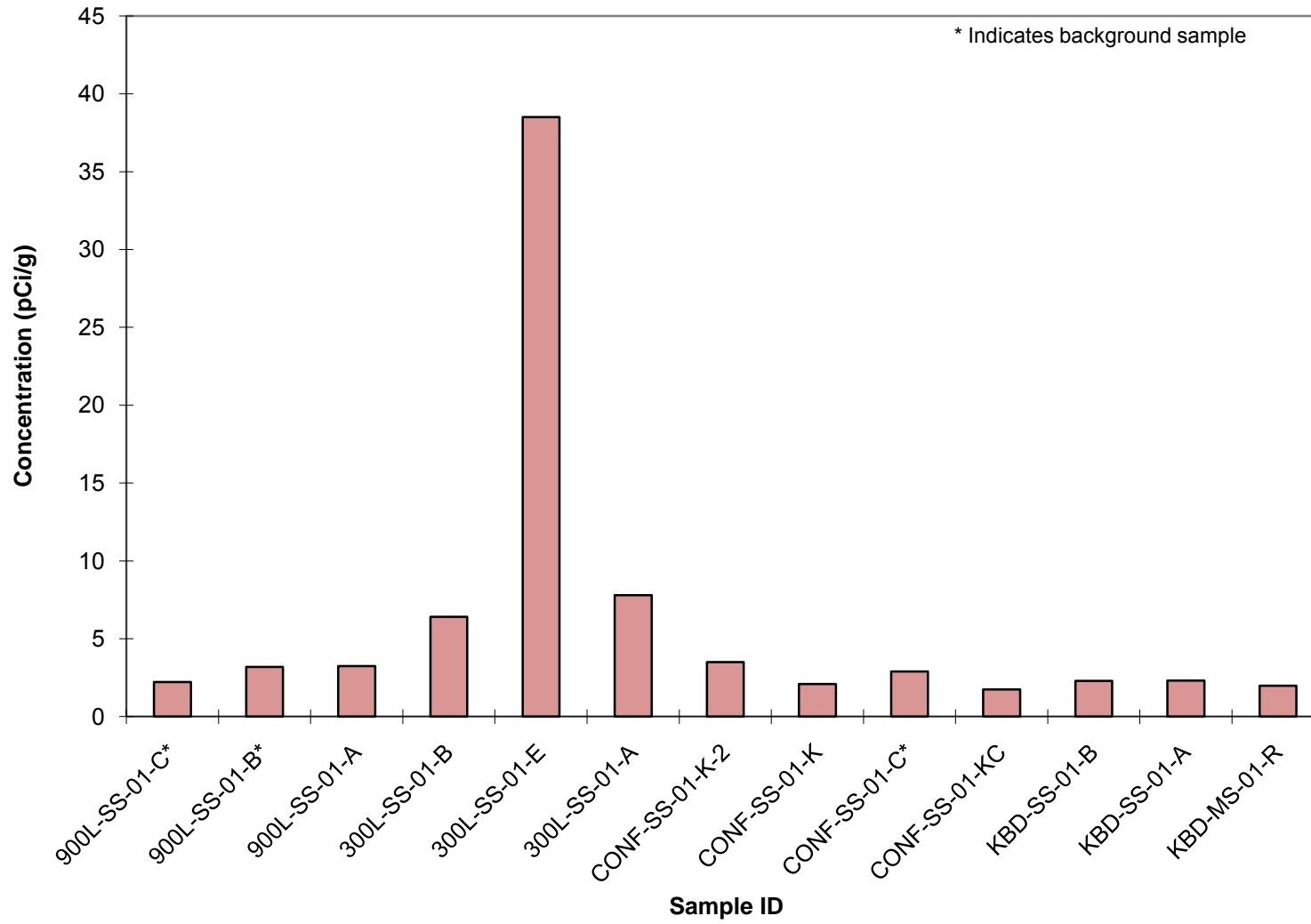


Figure G-1P

STREAM SEDIMENT
Lead-210 (pCi/g)



APPENDIX G-2
WATER QUALITY GRAPHS FOR KENDRICK CREEK
AND MINE FORK CREEK

Figure G-2A

SURFACE WATER
Arsenic

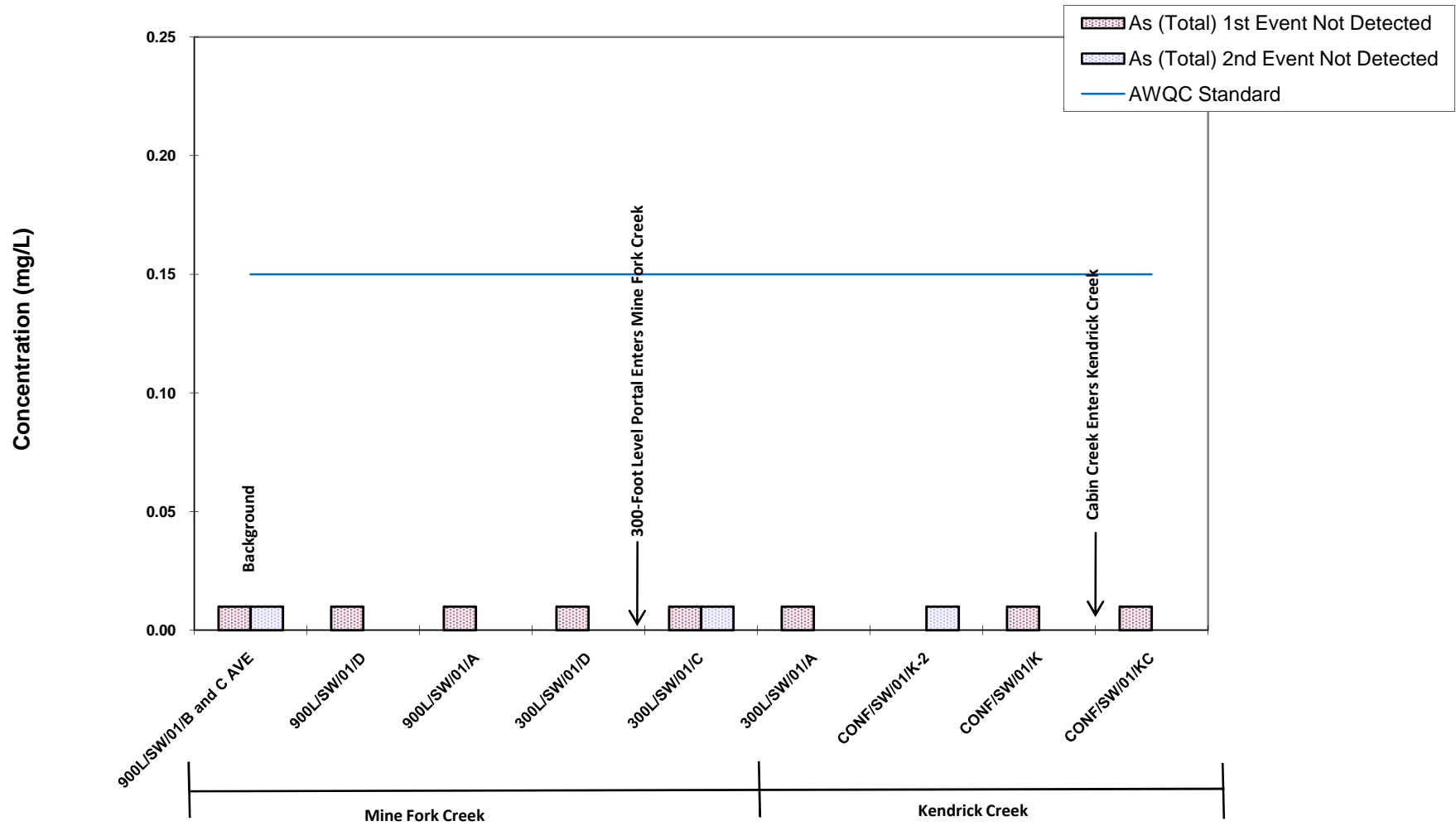


Figure G-2B

SURFACE WATER
Barium

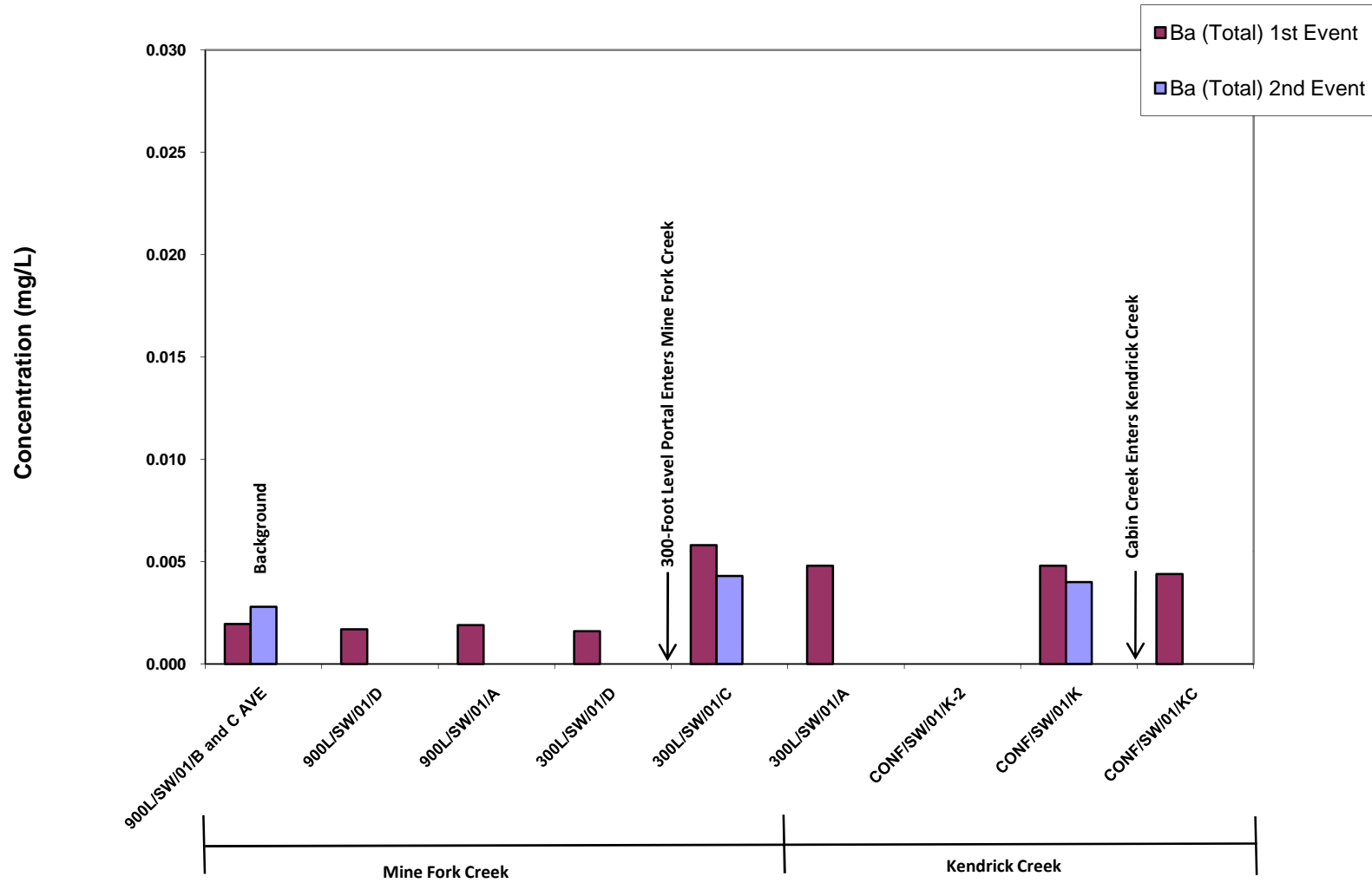


Figure G-2C

SURFACE WATER
Beryllium

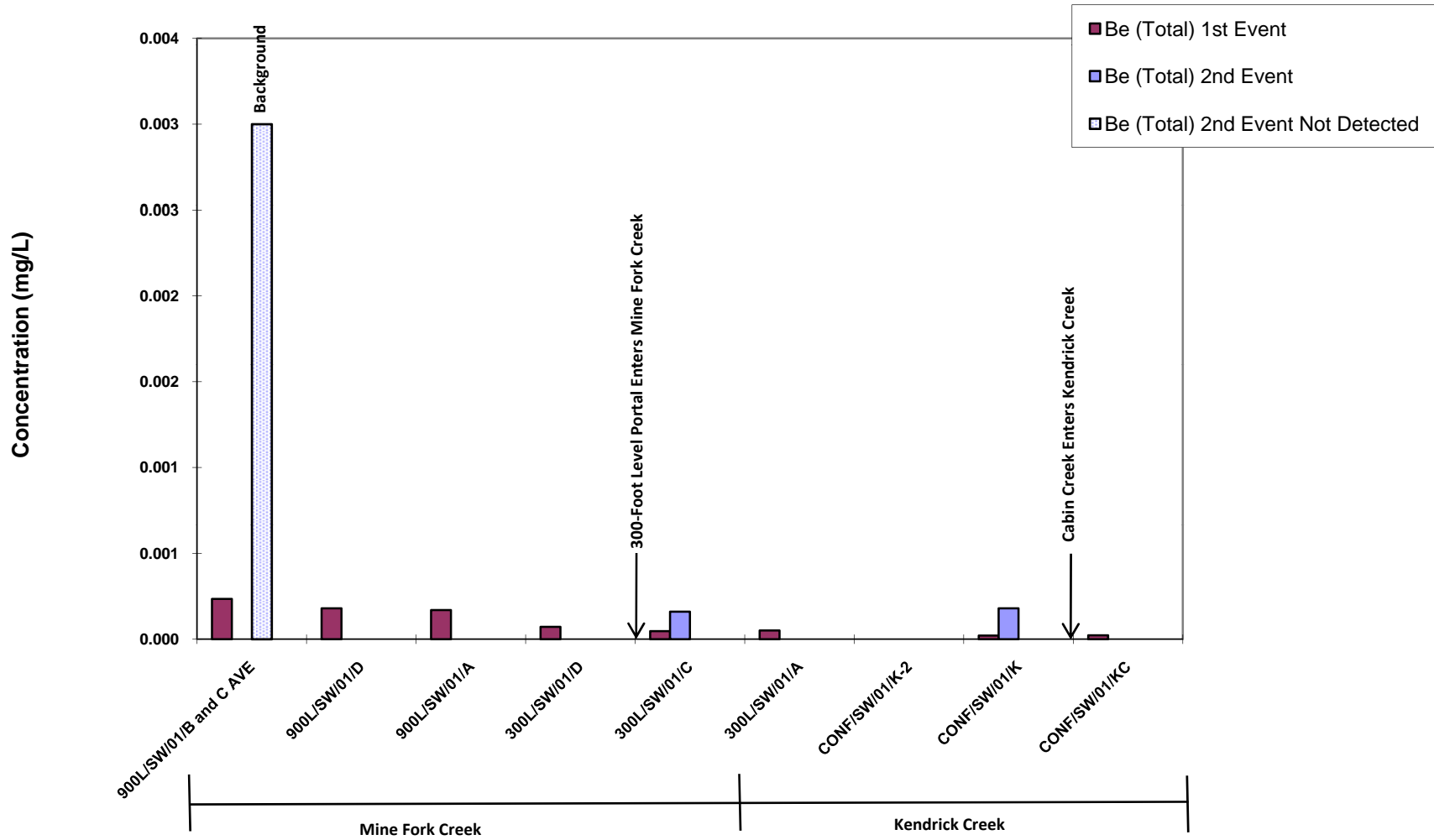


Figure G-2D

SURFACE WATER
Cadmium

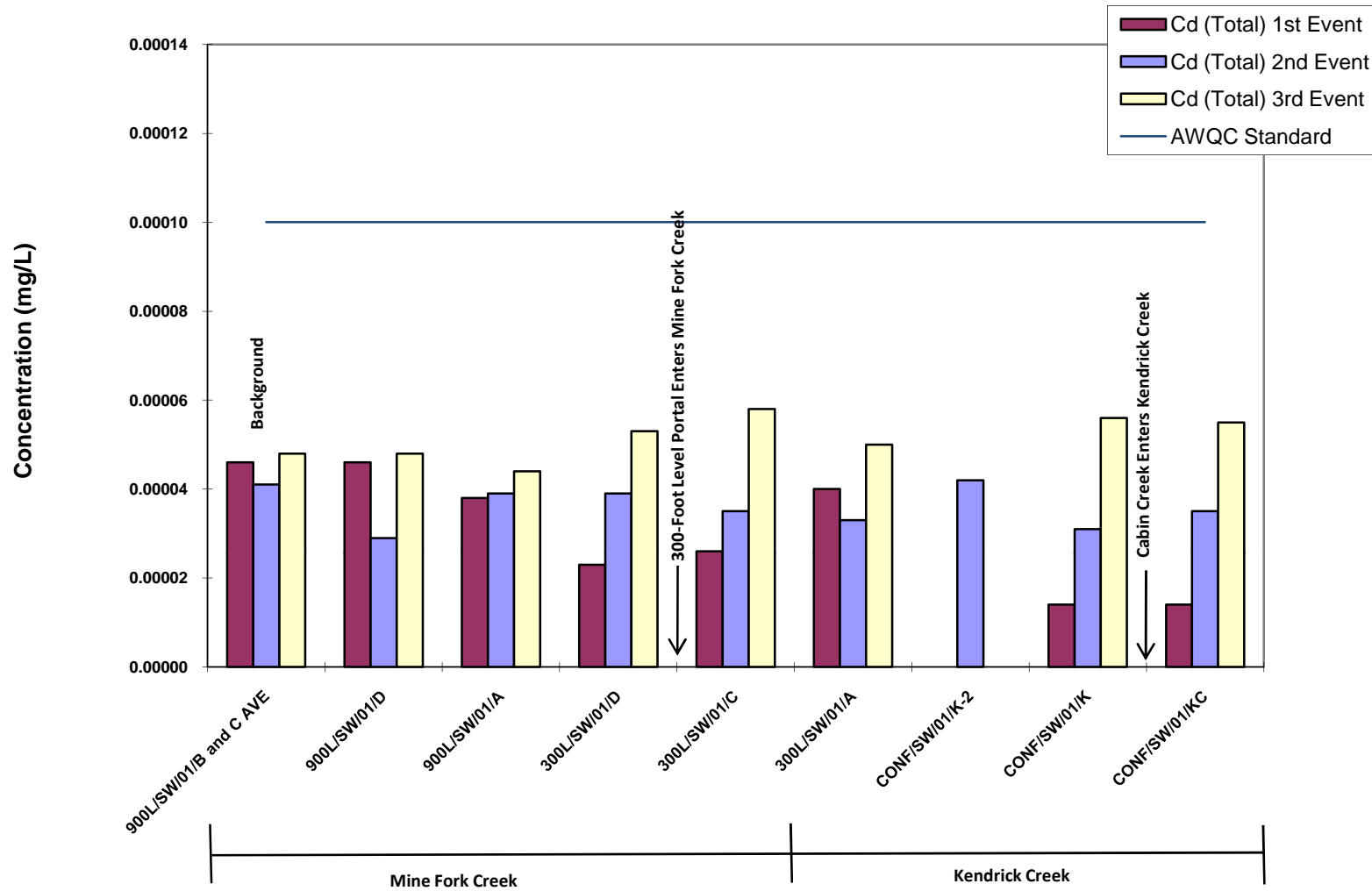


Figure G-2E

SURFACE WATER
Copper

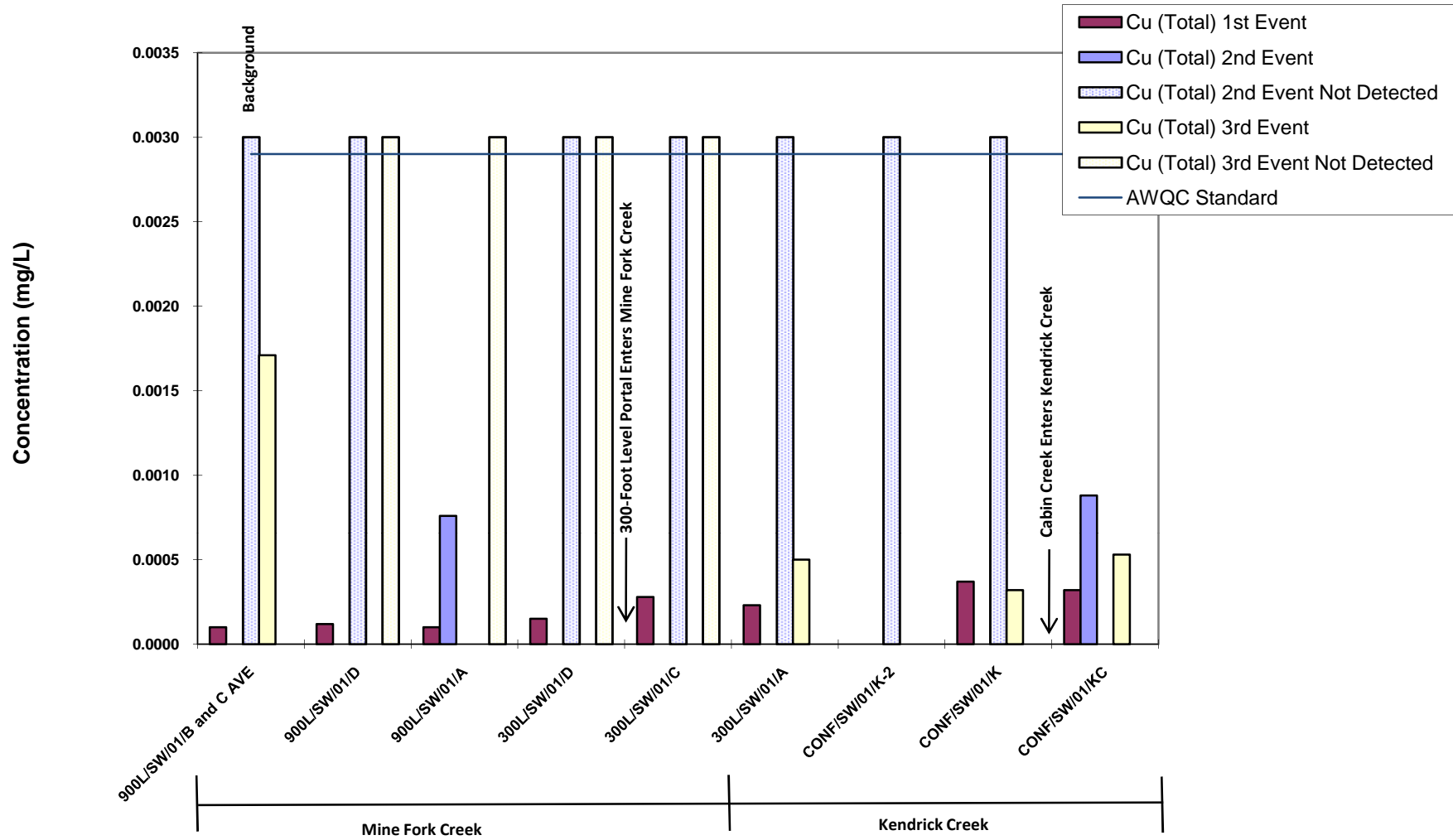


Figure G-2F

SURFACE WATER
Lead

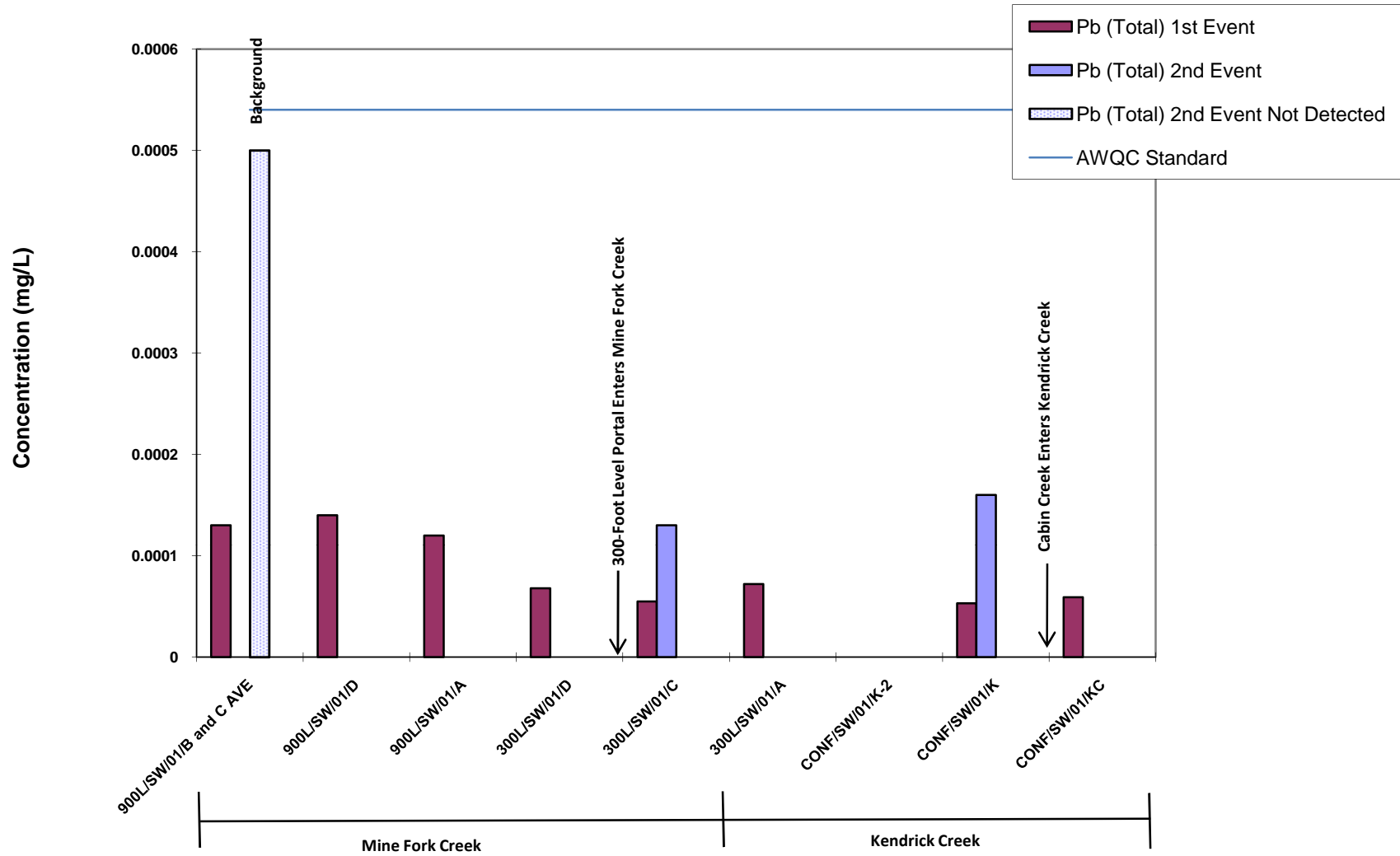


Figure G-2G

SURFACE WATER
Manganese

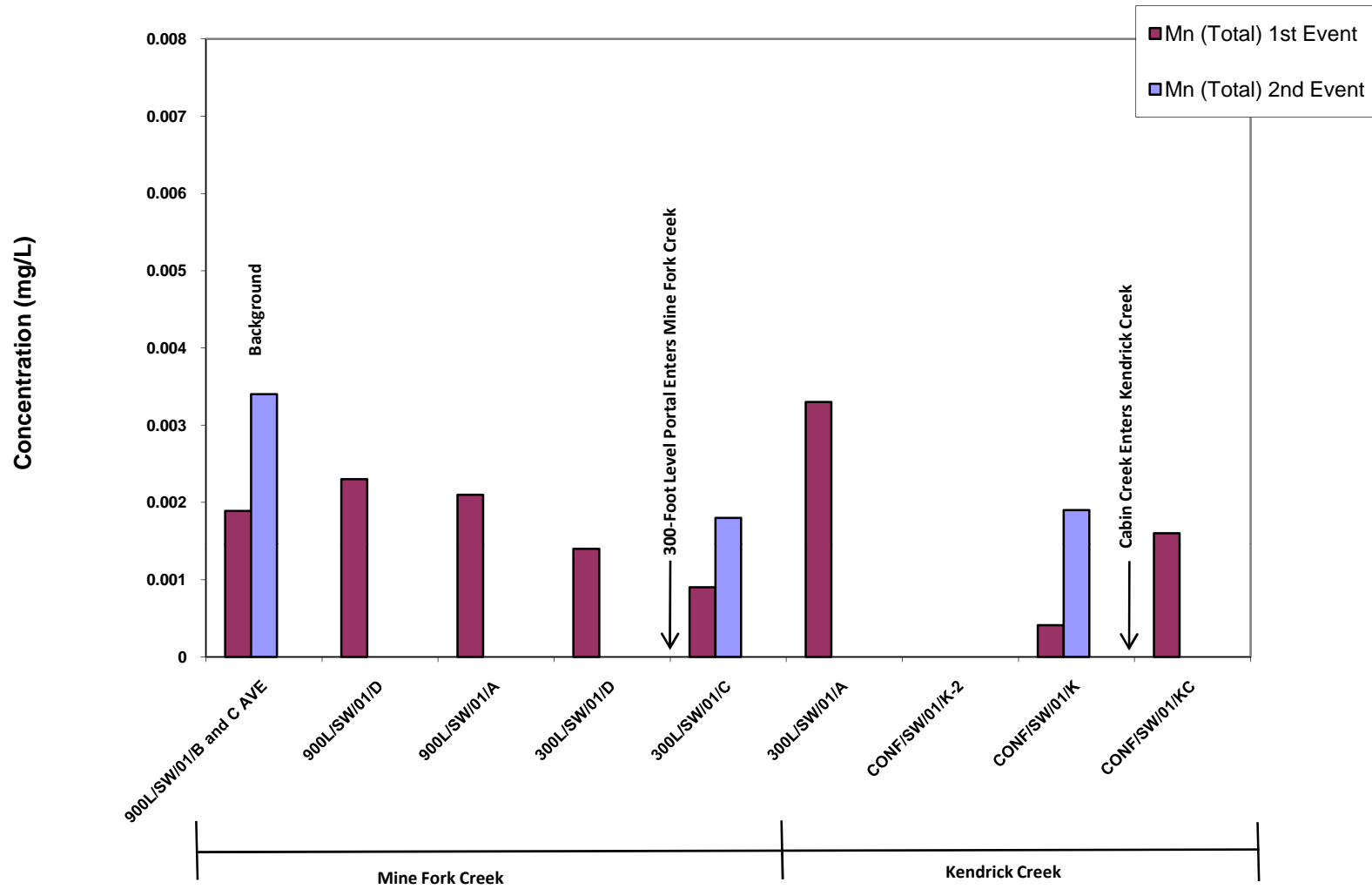


Figure G-2H

SURFACE WATER
Molybdenum

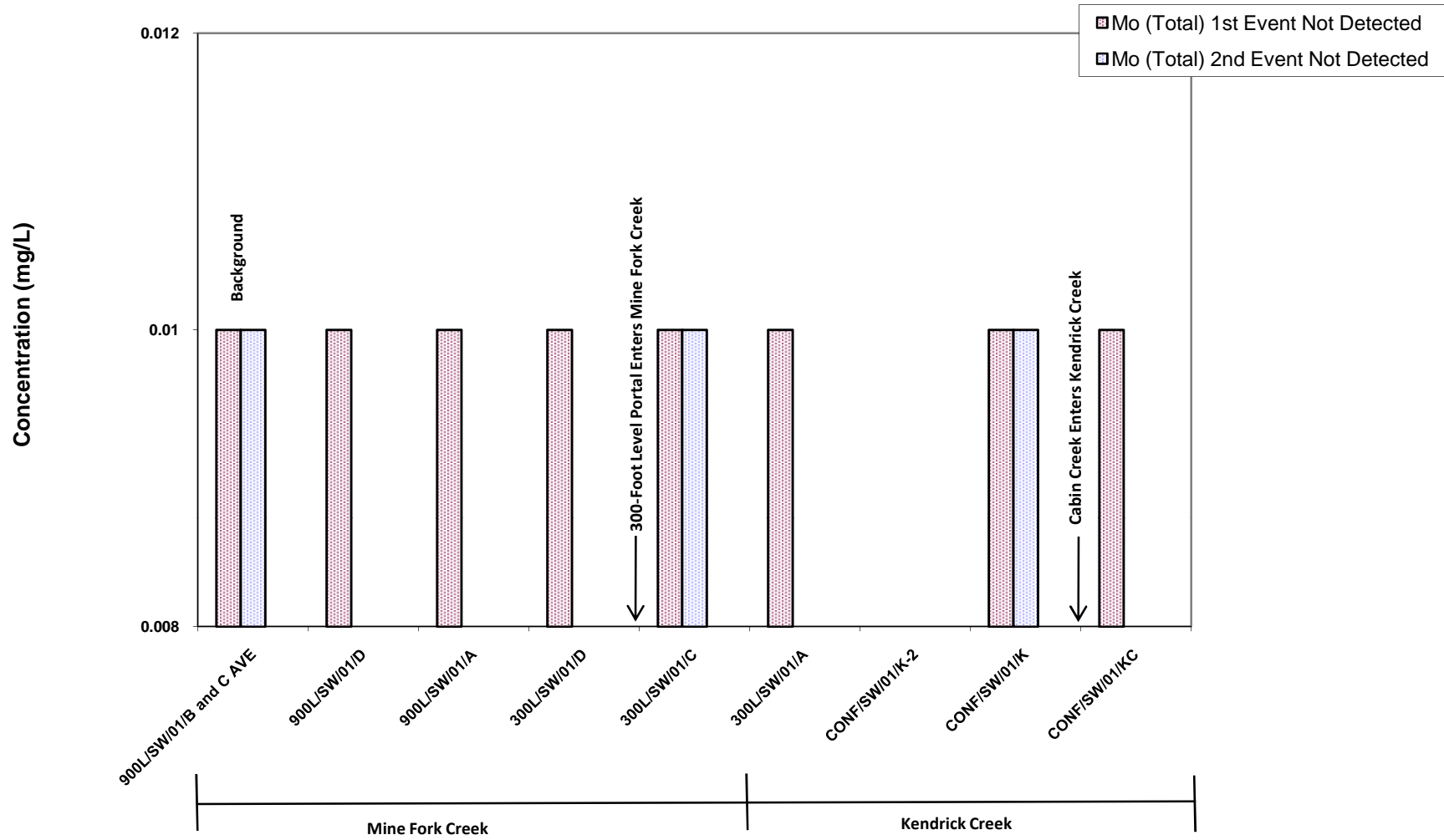


Figure G-21

SURFACE WATER
Uranium

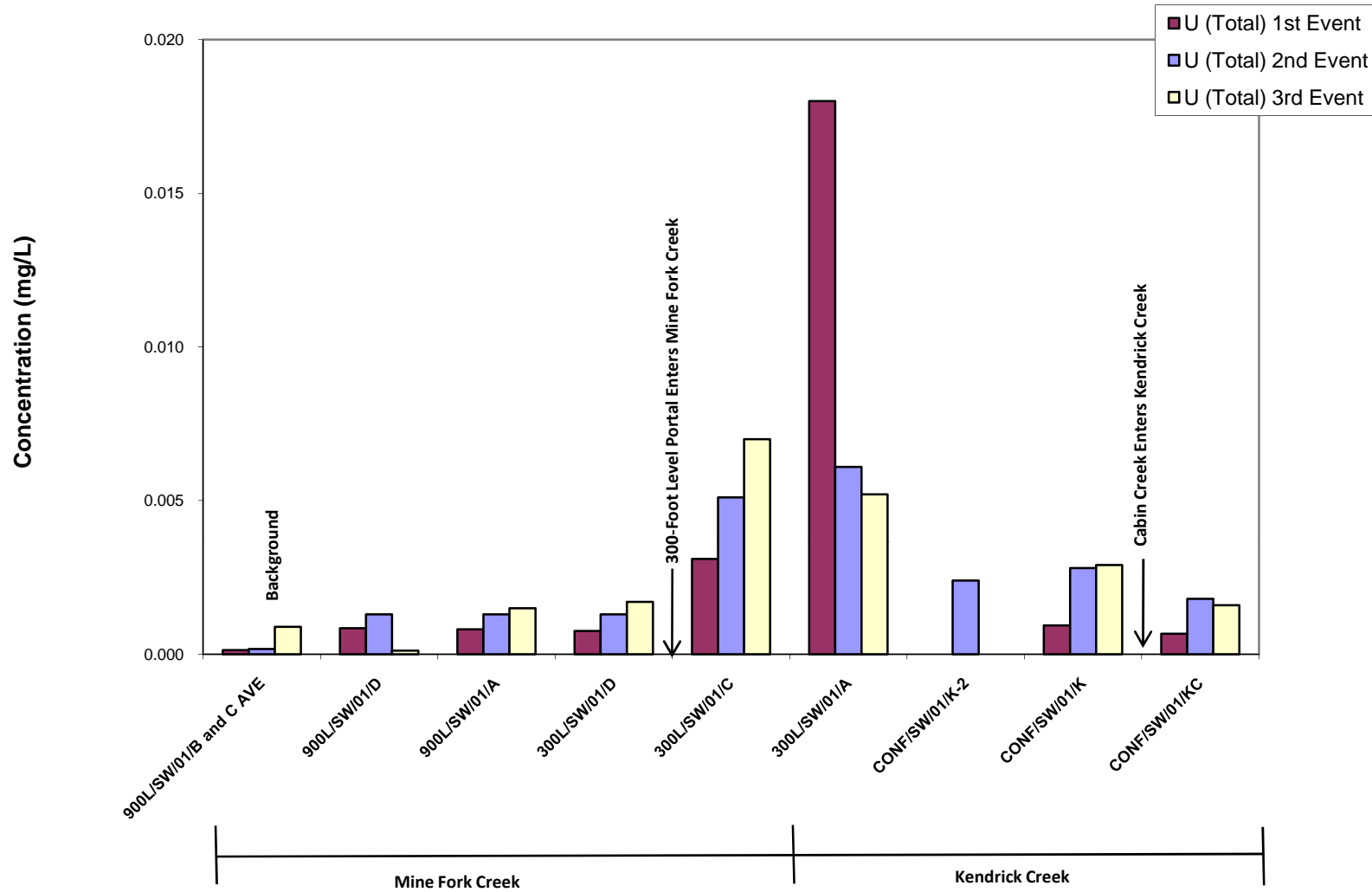


Figure G-2J

SURFACE WATER
Thallium

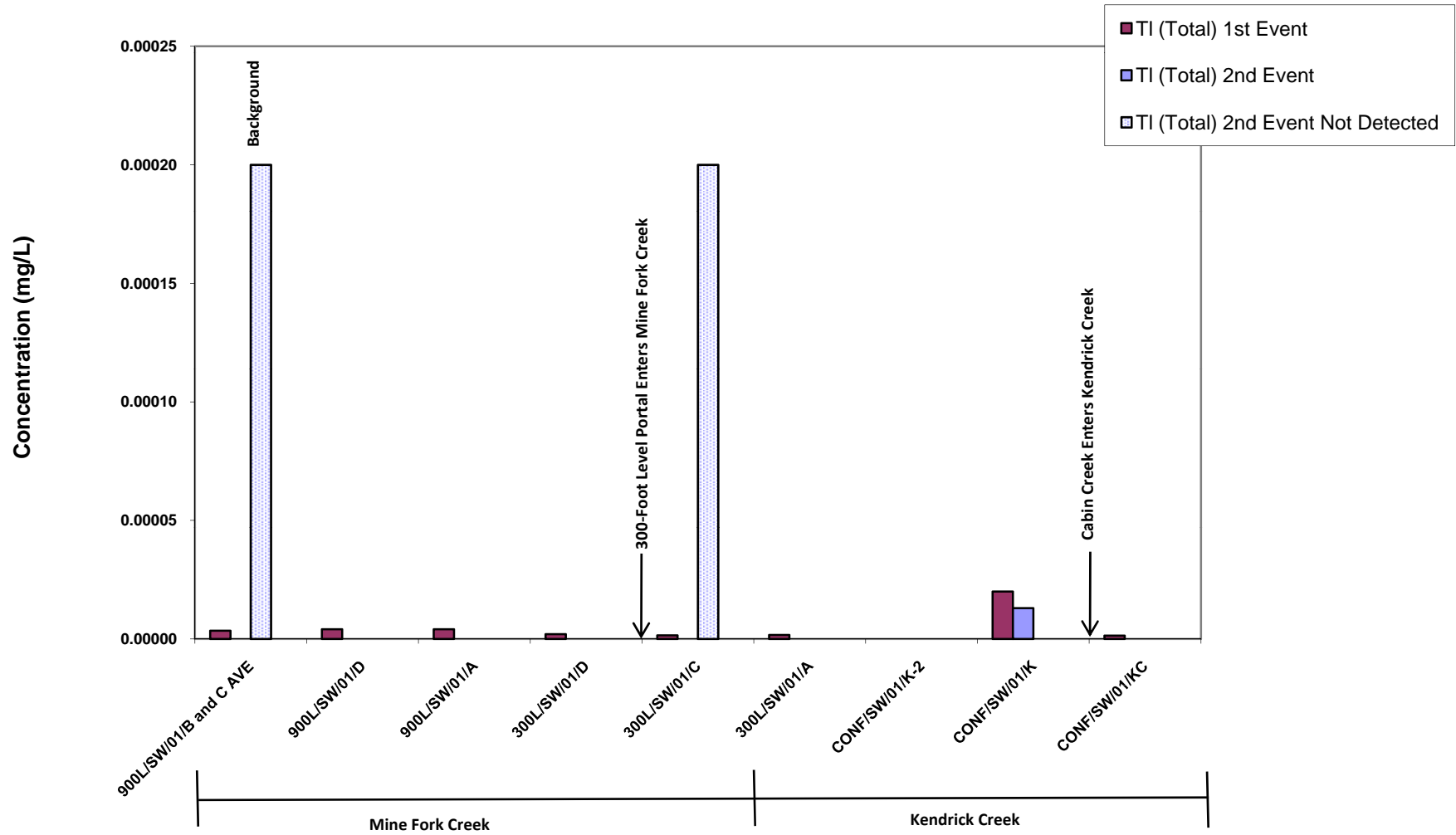


Figure G-2K

SURFACE WATER
Zinc

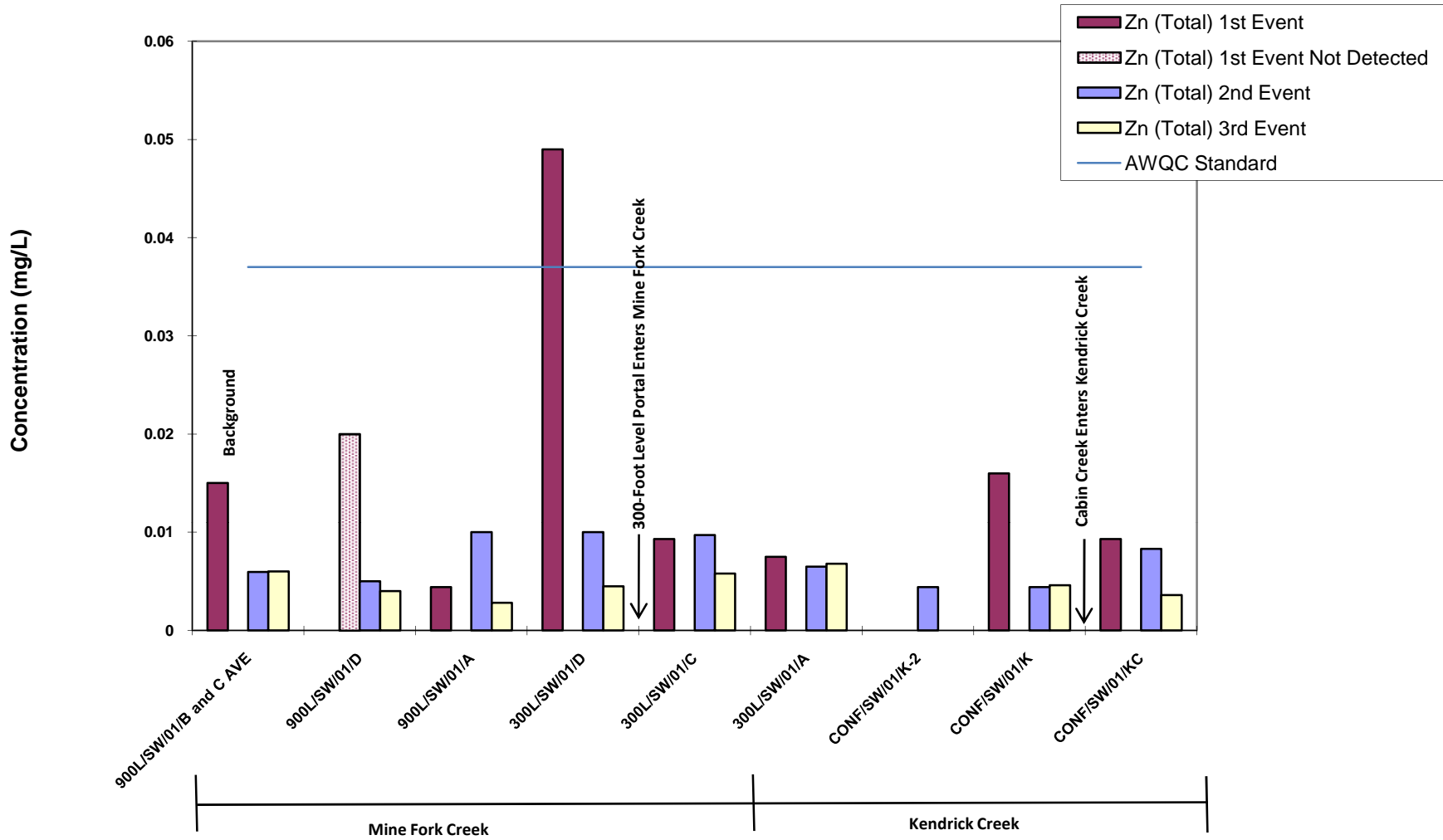


Figure G-2L

SURFACE WATER
Th-228

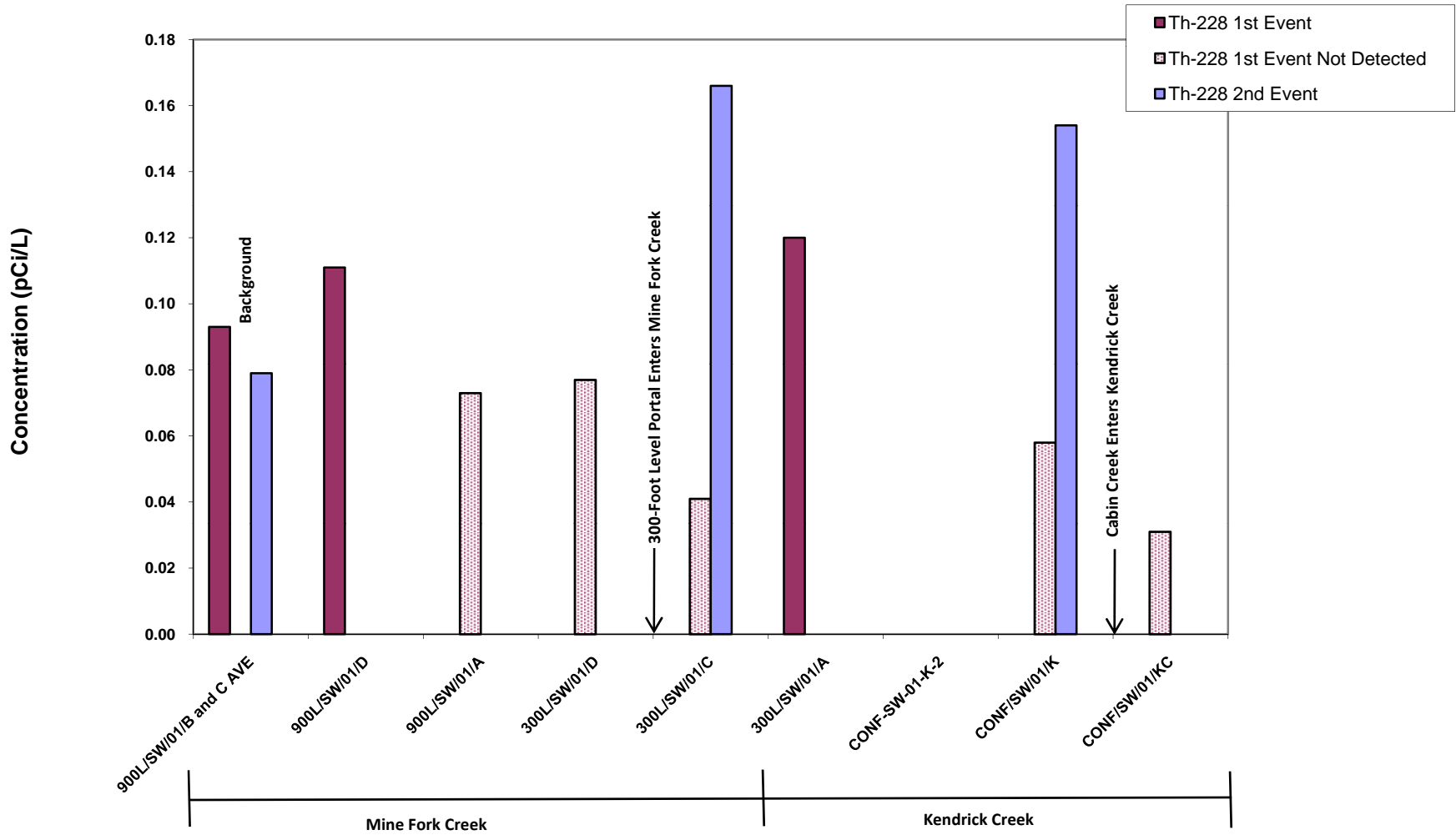


Figure G-2M

SURFACE WATER
Th-230

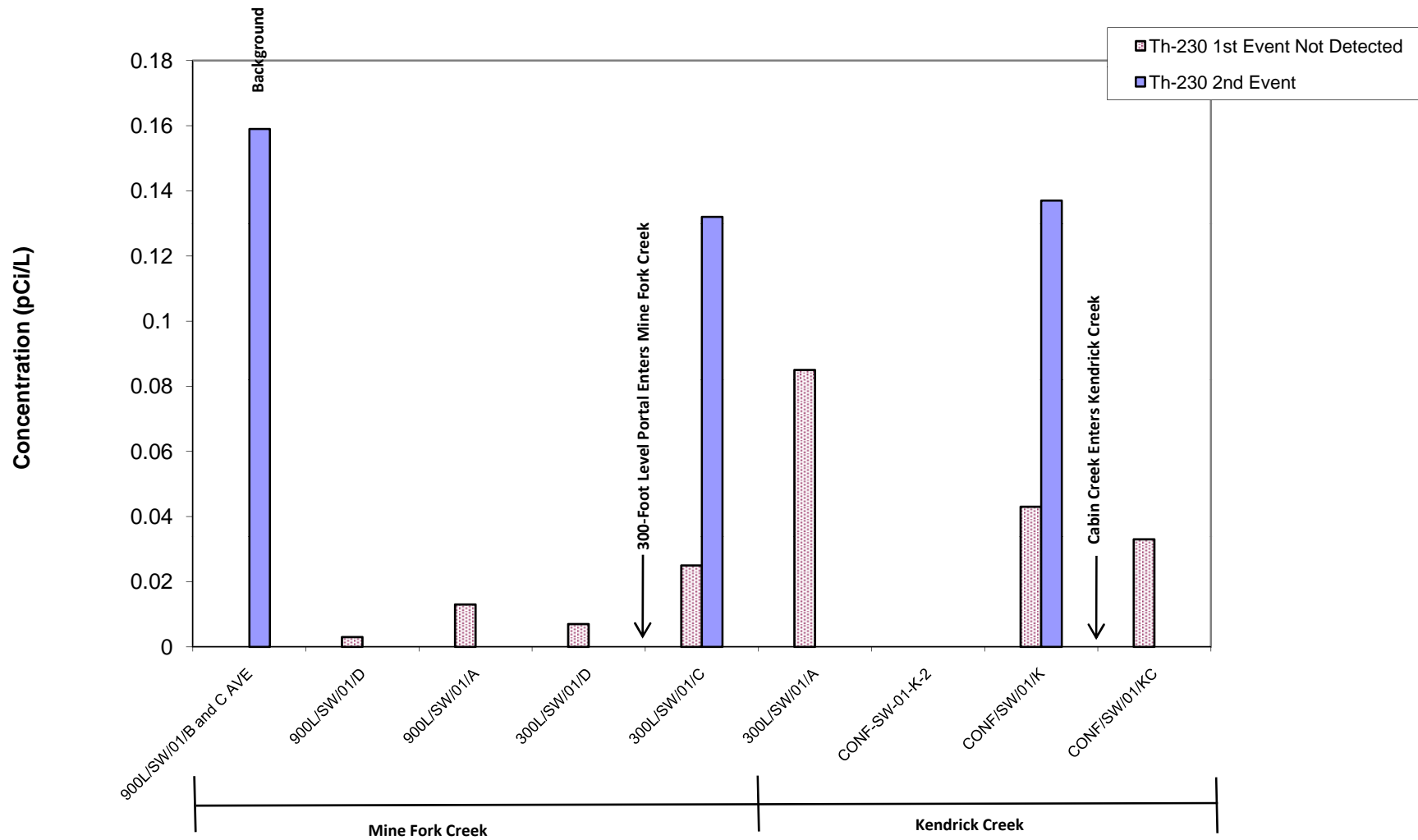


Figure G-2N

SURFACE WATER
Th-232

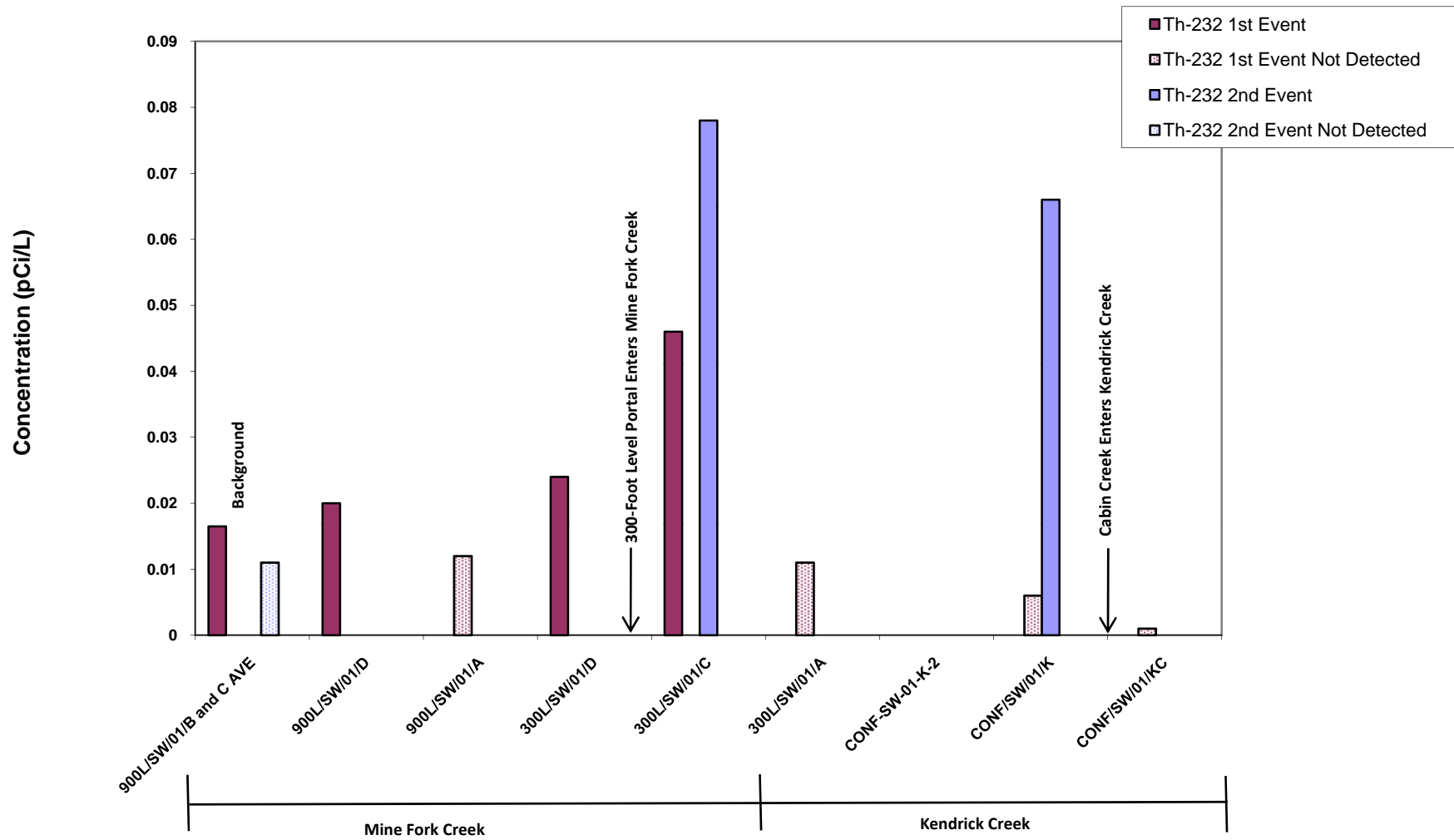


Figure G-20

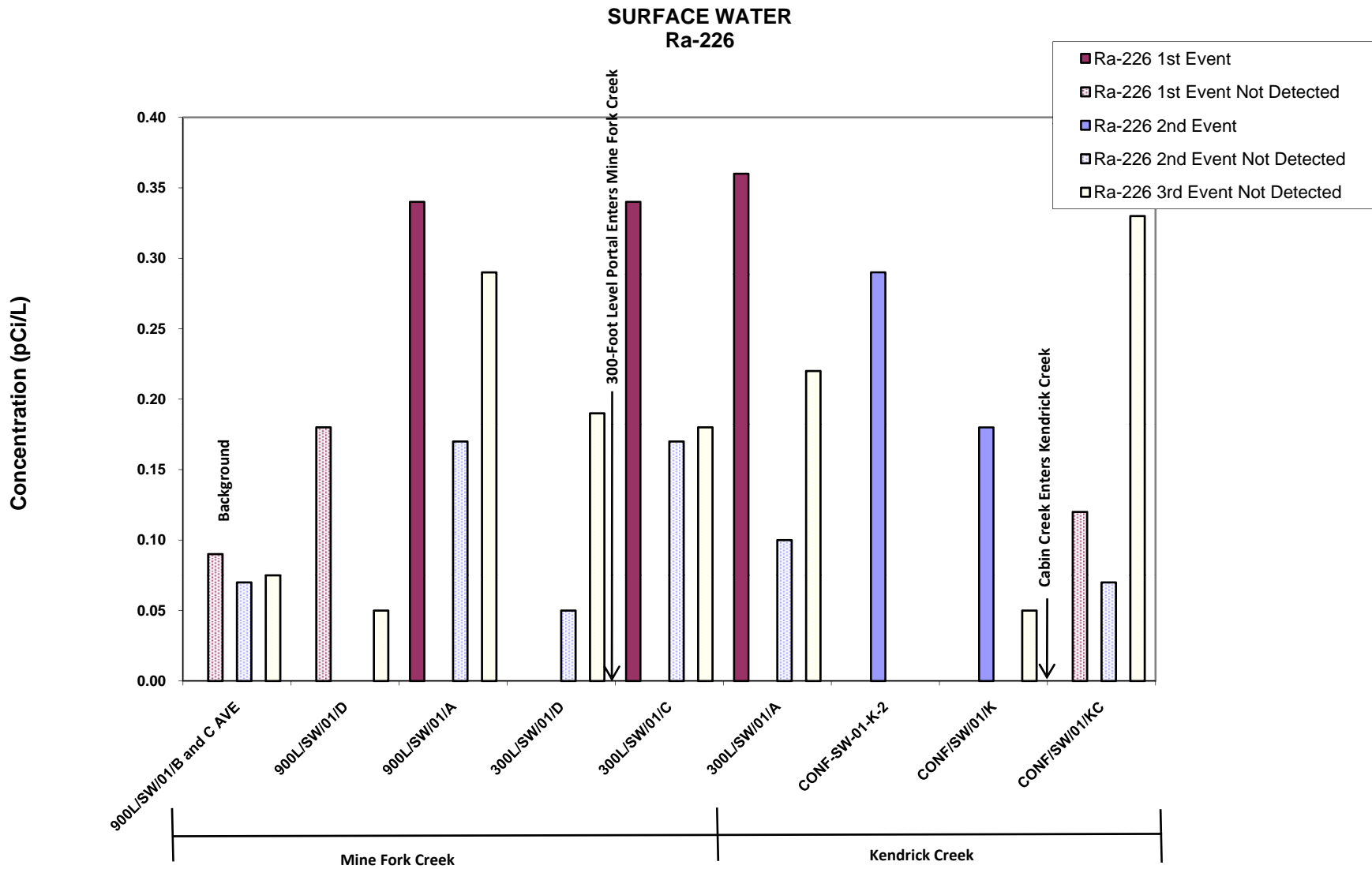
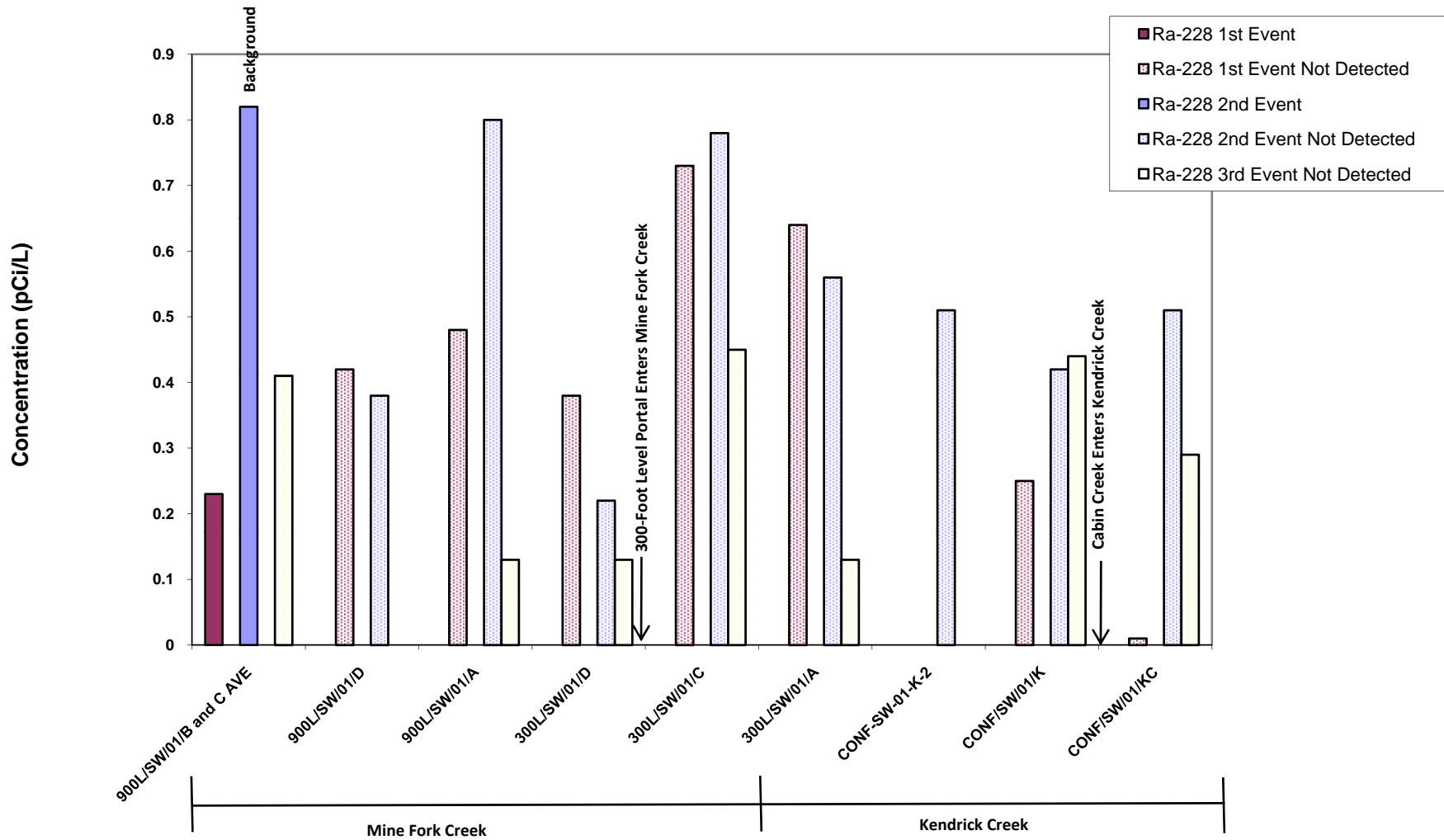


Figure G-2P

SURFACE WATER
Ra-228



**APPENDIX G-3
AIR MONITORING STATION DATA**

Air Station Location	Air Station ID	Temp Inside	Details
300 Level	4	Console	Located near radon station at mouth of portal 5 feet high, out of rain
700 Level	3	Console	Located at mouth of portal on rock approximately 10 feet high, out of rain
900 Level	2	Console	Located on rocks inside open pit, inside a rain proof bag , approximately 20 feet outside portal at ground level
		Temp Outside	Details
300 Level	4	ISS	Located at center of mouth of portal, collected wind speed, approximately 3-5 feet high
700 Level	3	ISS	Located at center of mouth of portal, collected wind speed, approximately 3-5 feet high
900 Level	2	ISS	No wind speed collected (no flat surface available), located at fence outside mouth of portal
		Temp #2	Details
300 Level	4	Weather Station #2	Inside portal approximately 50 feet at boat
700 Level	3	Weather Station #5	Located approximately 75 feet inside Portal, on rope/ pulley system, approx. 5 feet high
900 Level	2	Weather Station #7	Located approximately 75 feet inside Portal, on rope/ pulley system, approx. 7 feet high
		Temp #3	Details
300 Level	4	Weather Station #3	Down airstream of portal, ~150 feet, located 10 feet high in tree, ambient air conditions
700 Level	3	Weather Station #6	Located 150 feet outside portal in tree (6 feet high), in canyon ambient air conditions
900 Level	2	N/A	No station installed because both the ISS and console provide outside ambient air temperature at differing locations

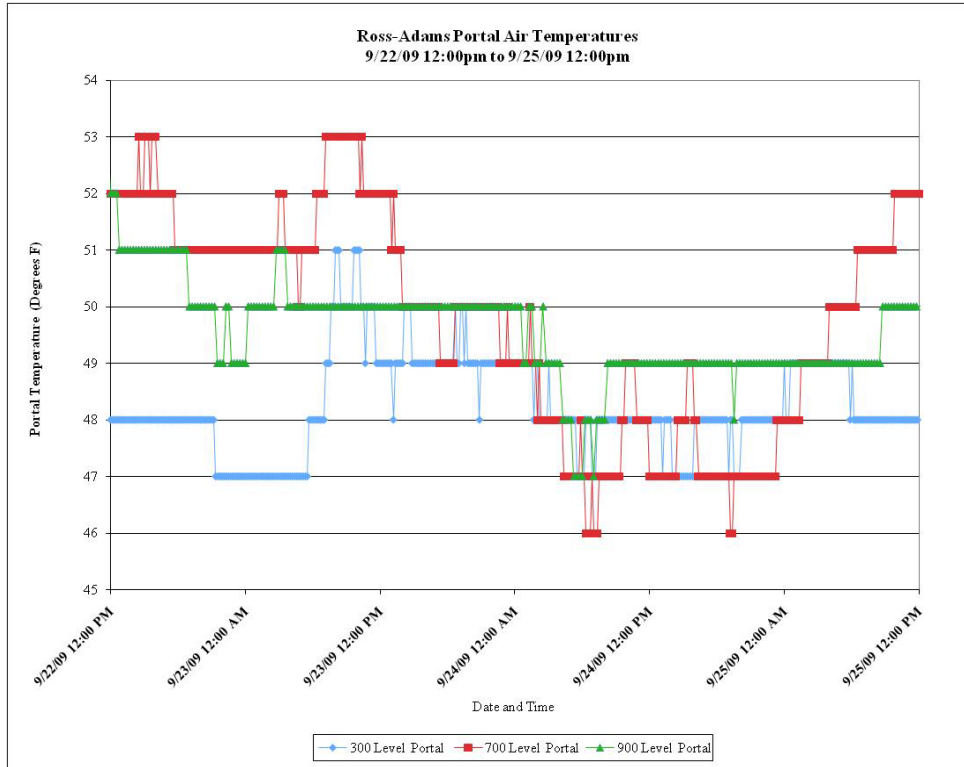


Figure G-3A. Ross-Adams Portal Air Temperatures

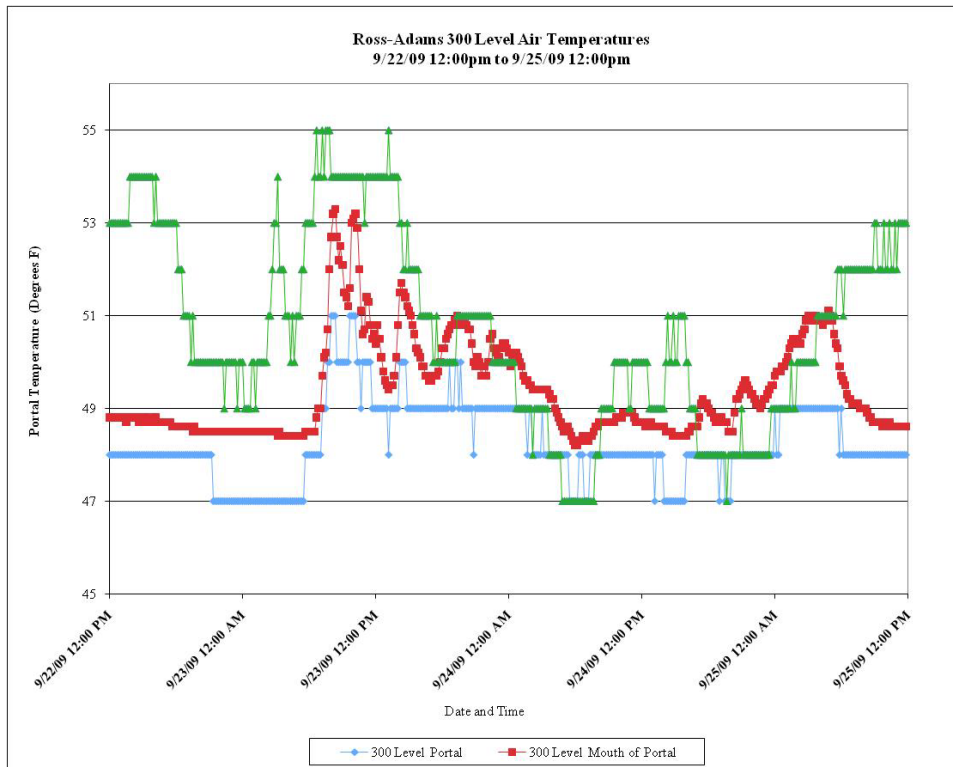


Figure G-3B. Ross-Adams 300 Level Air Temperatures

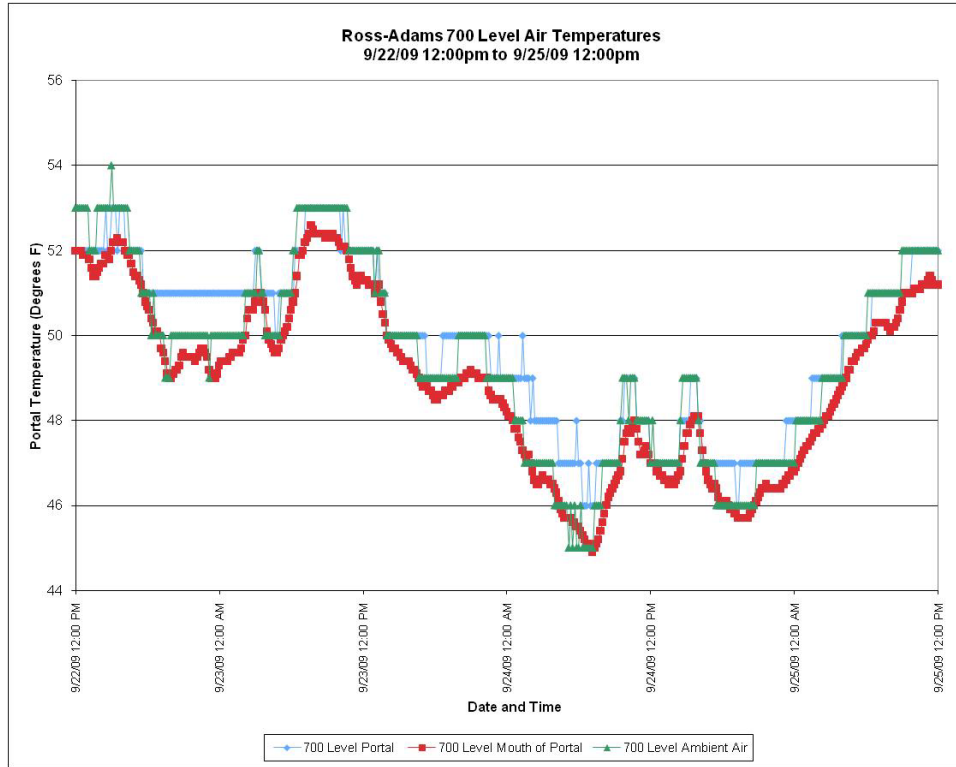


Figure G-3C. Ross-Adams 700 Level Air Temperatures

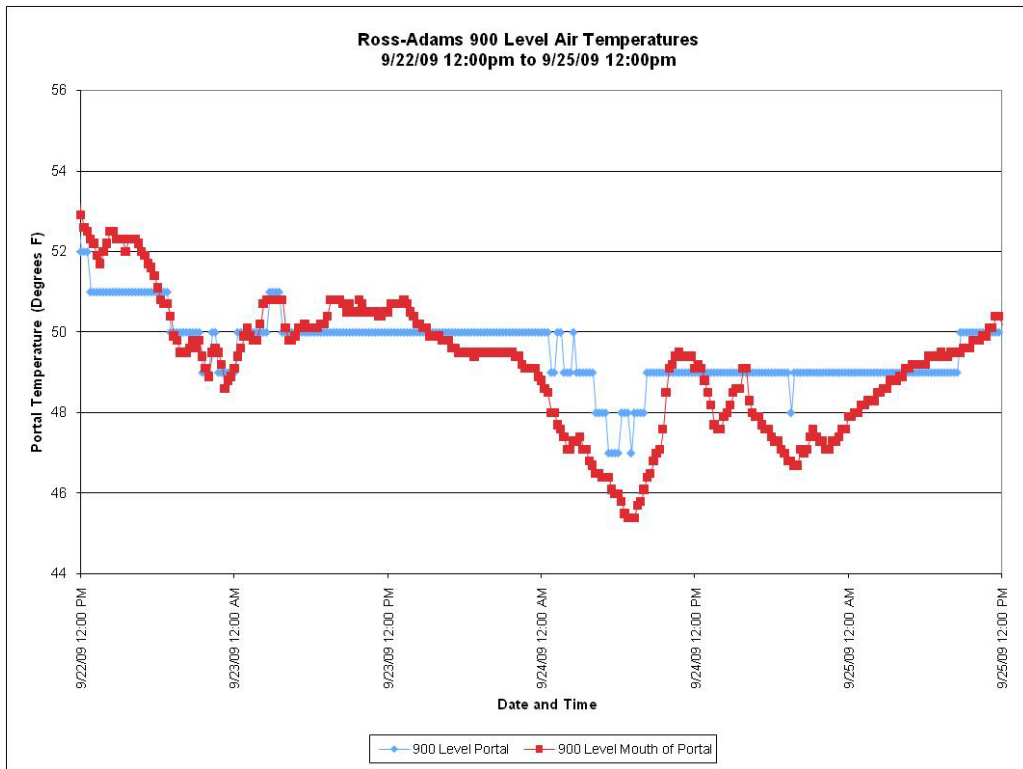


Figure G-3D. Ross-Adams 900 Level Air Temperatures

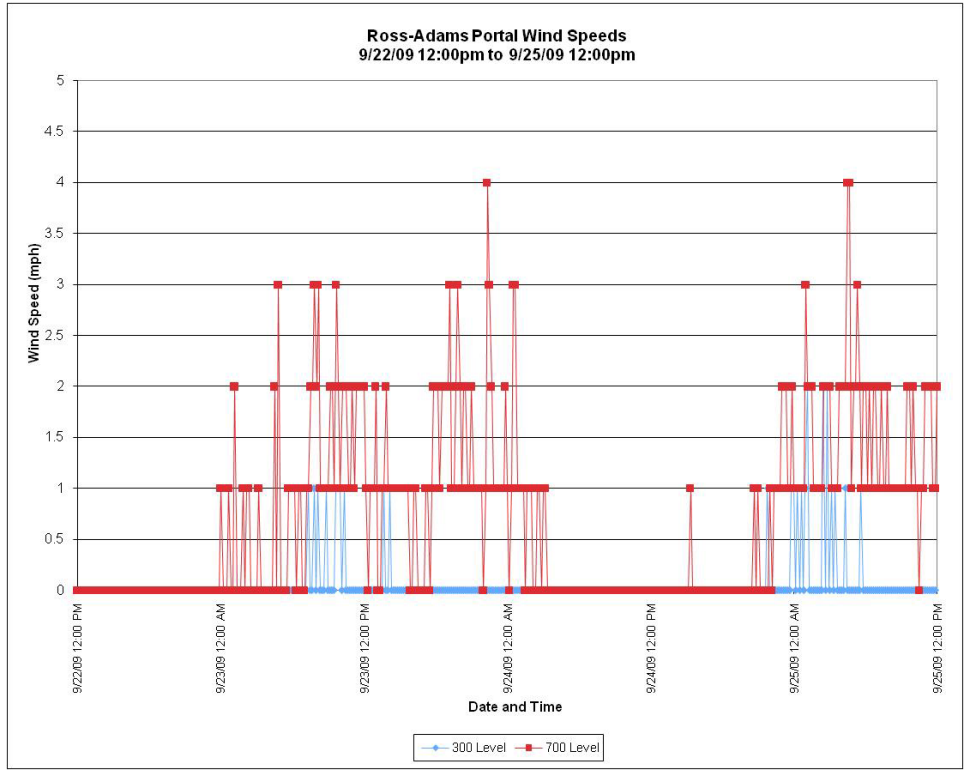


Figure G-3E. Ross-Adams Portal Wind Speeds