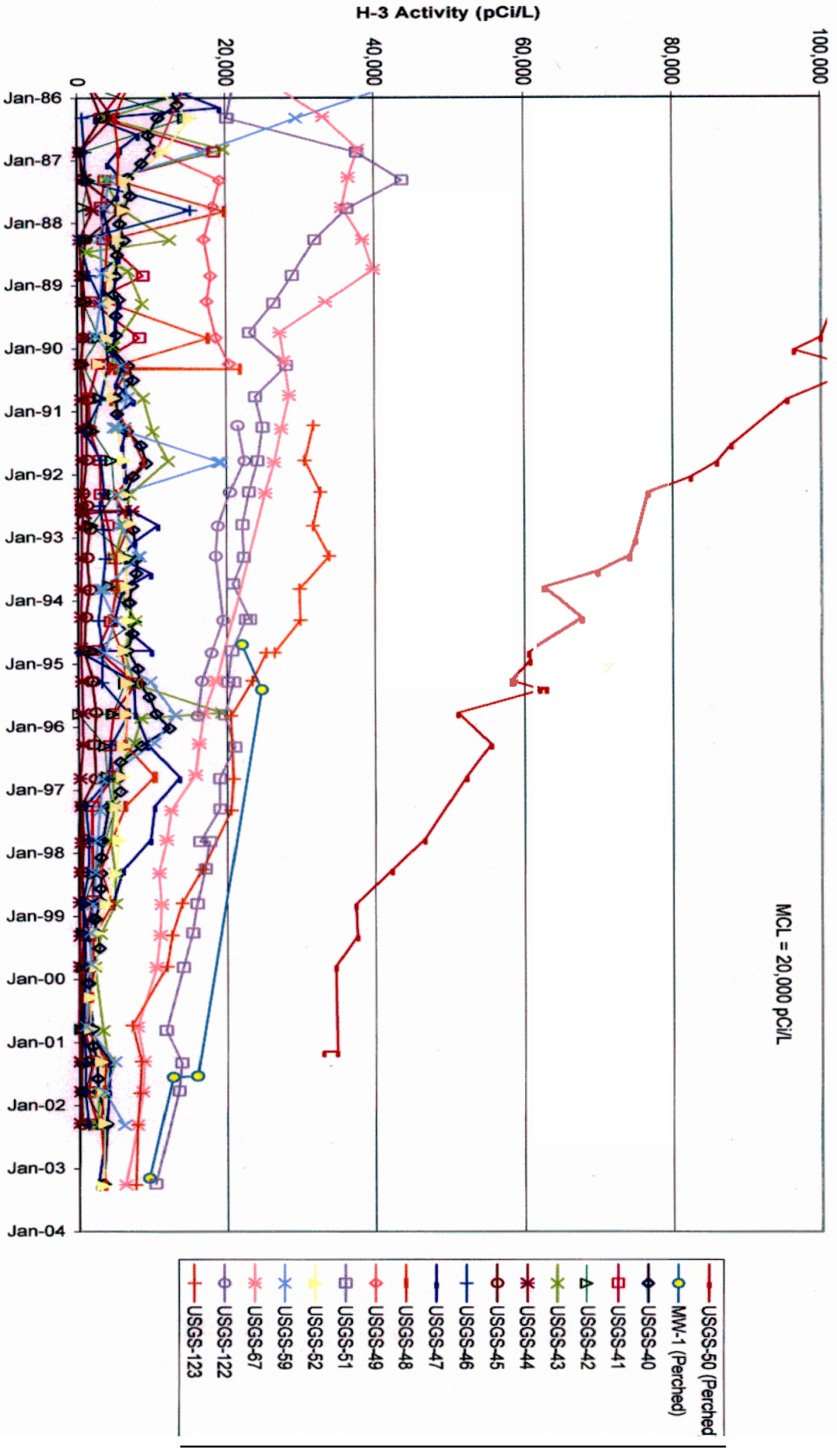
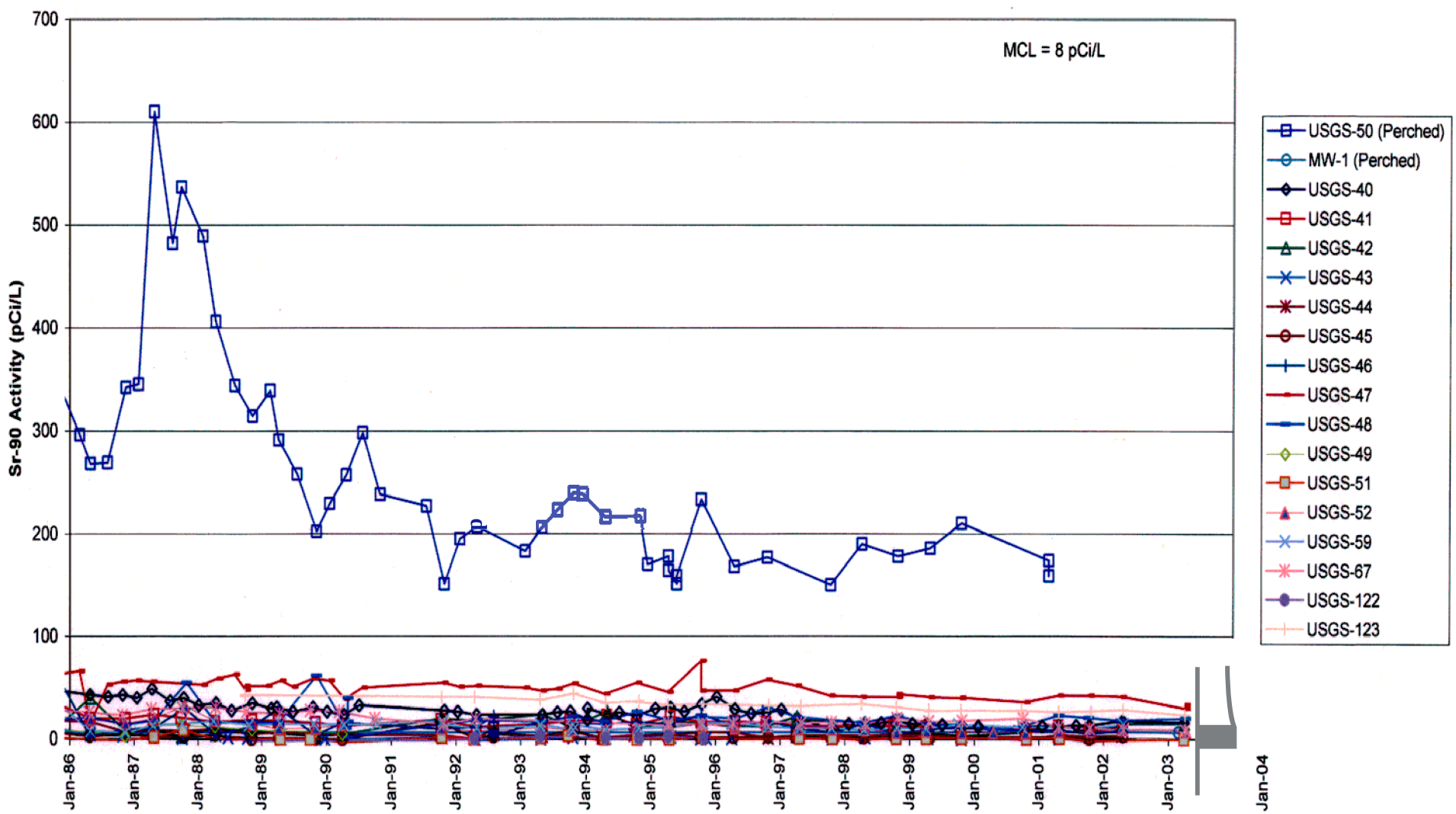
Appendix C

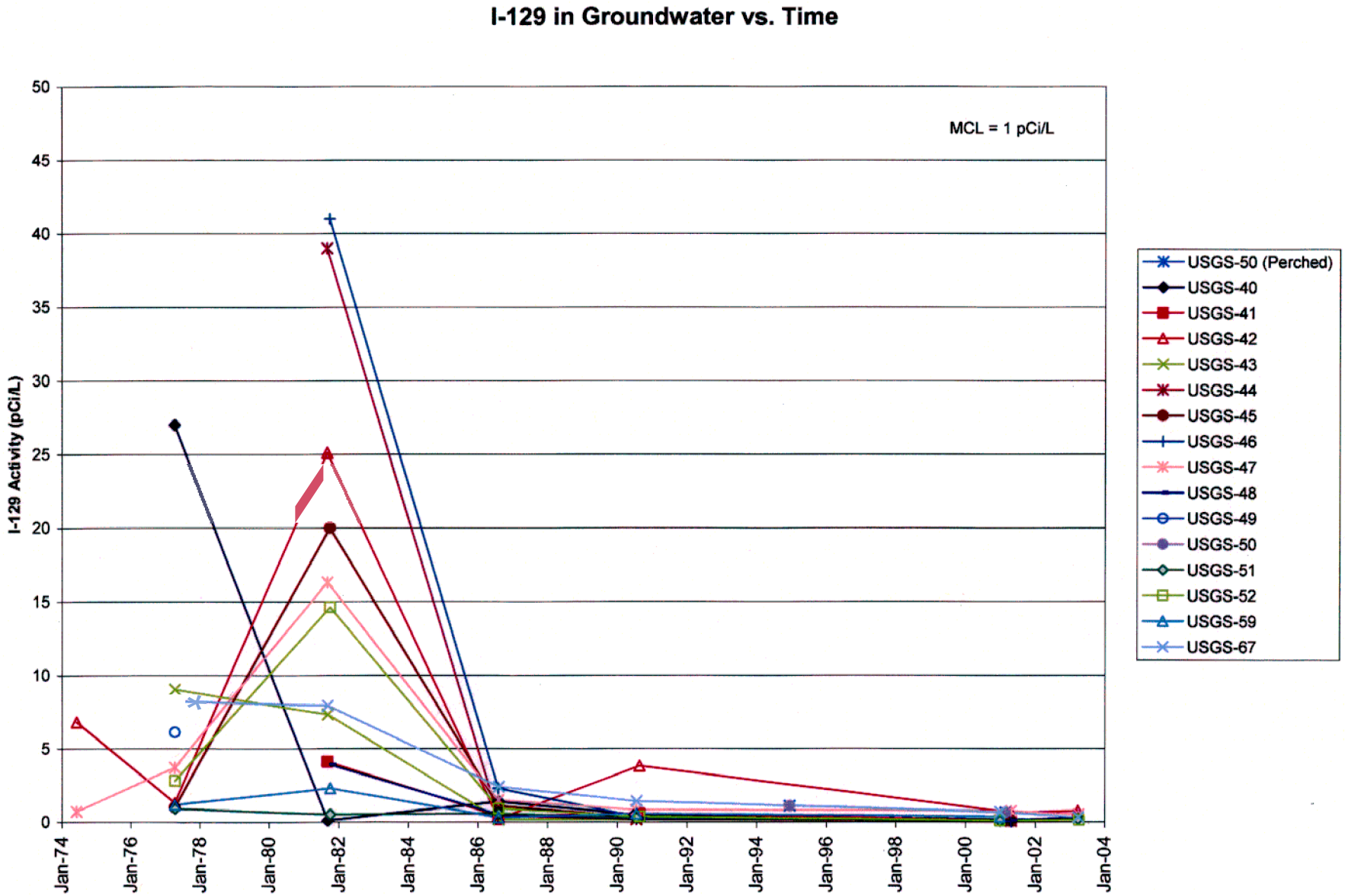
Groundwater Quality Trend Information

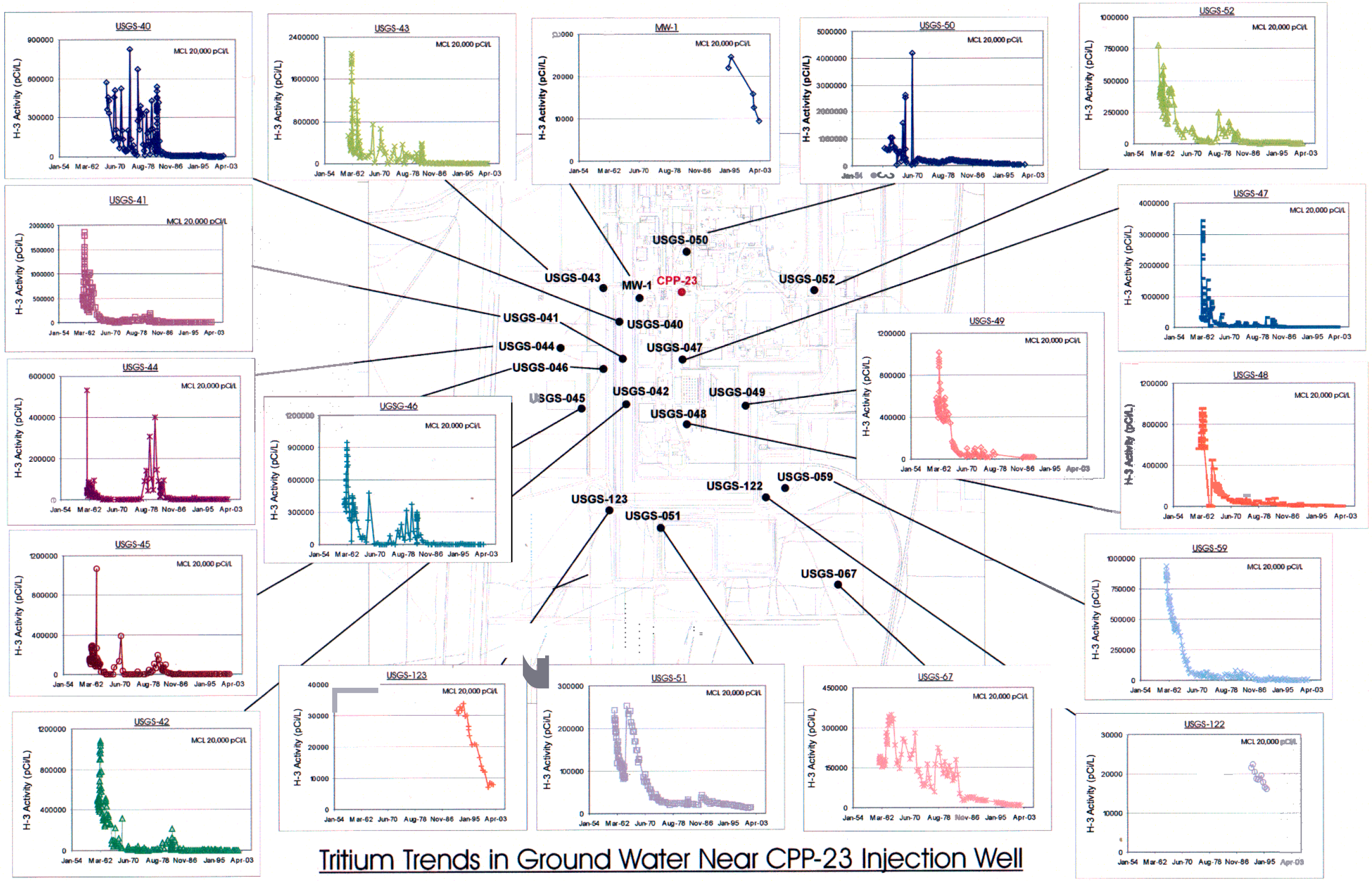


Tritium in Groundwater vs. Time (1986-2003)

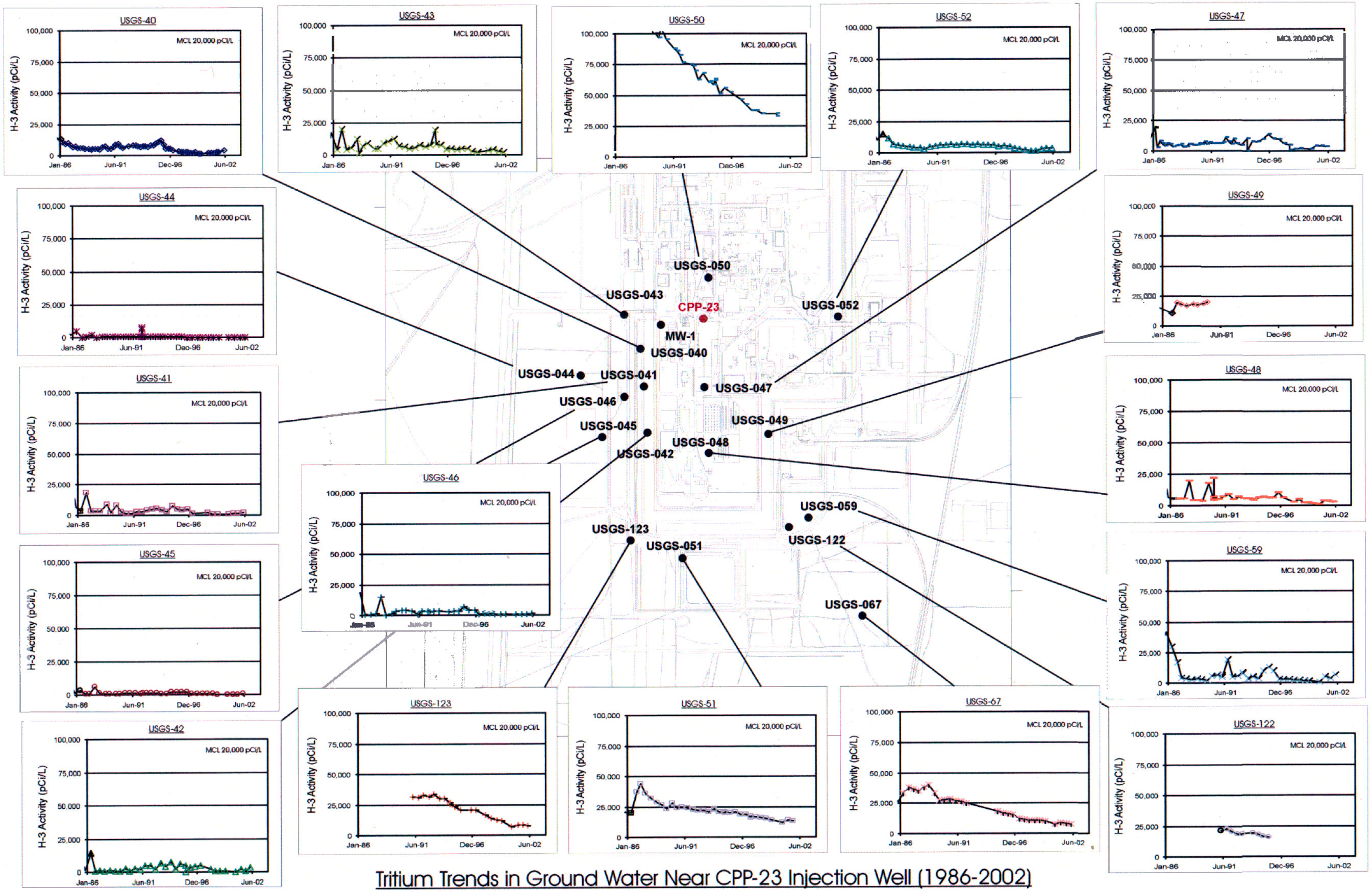
Sr-90 in Groundwater vs. Time
(1986-2003)



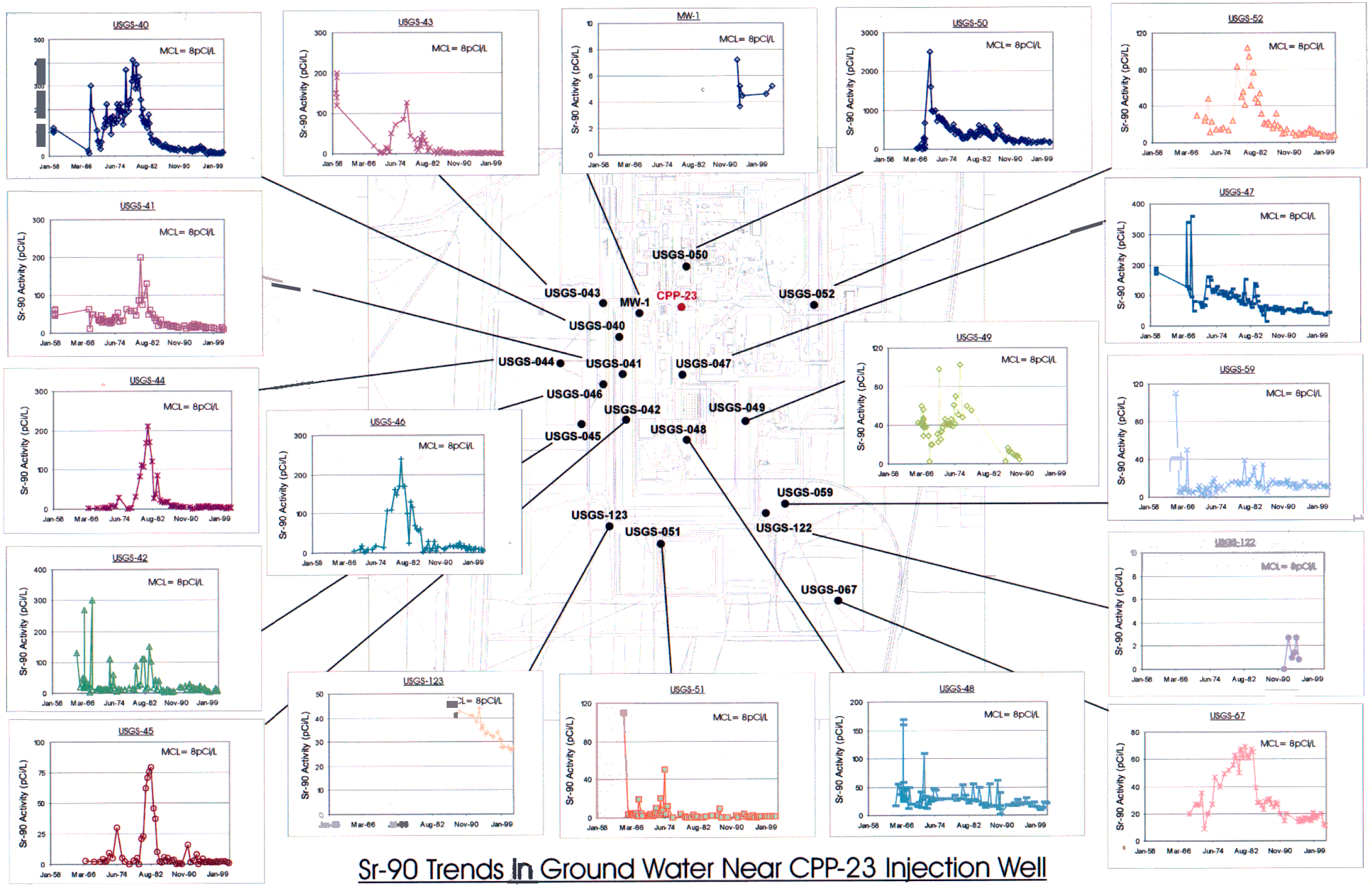

I-129 in Groundwater vs. Time
MCL = 1 pCi/L
I-129 Activity (pCi/L)
50
45
40
35
30
25
20
15
10
5
0
Jan-74
Jan-76
Jan-78
Jan-80
Jan-82
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
USGS-50 (Perched)
USGS-40
USGS-41
USGS-42
USGS-43
USGS-44
USGS-45
USGS-46
USGS-47
USGS-48
USGS-49
USGS-50
USGS-51
USGS-52
USGS-59
USGS-67



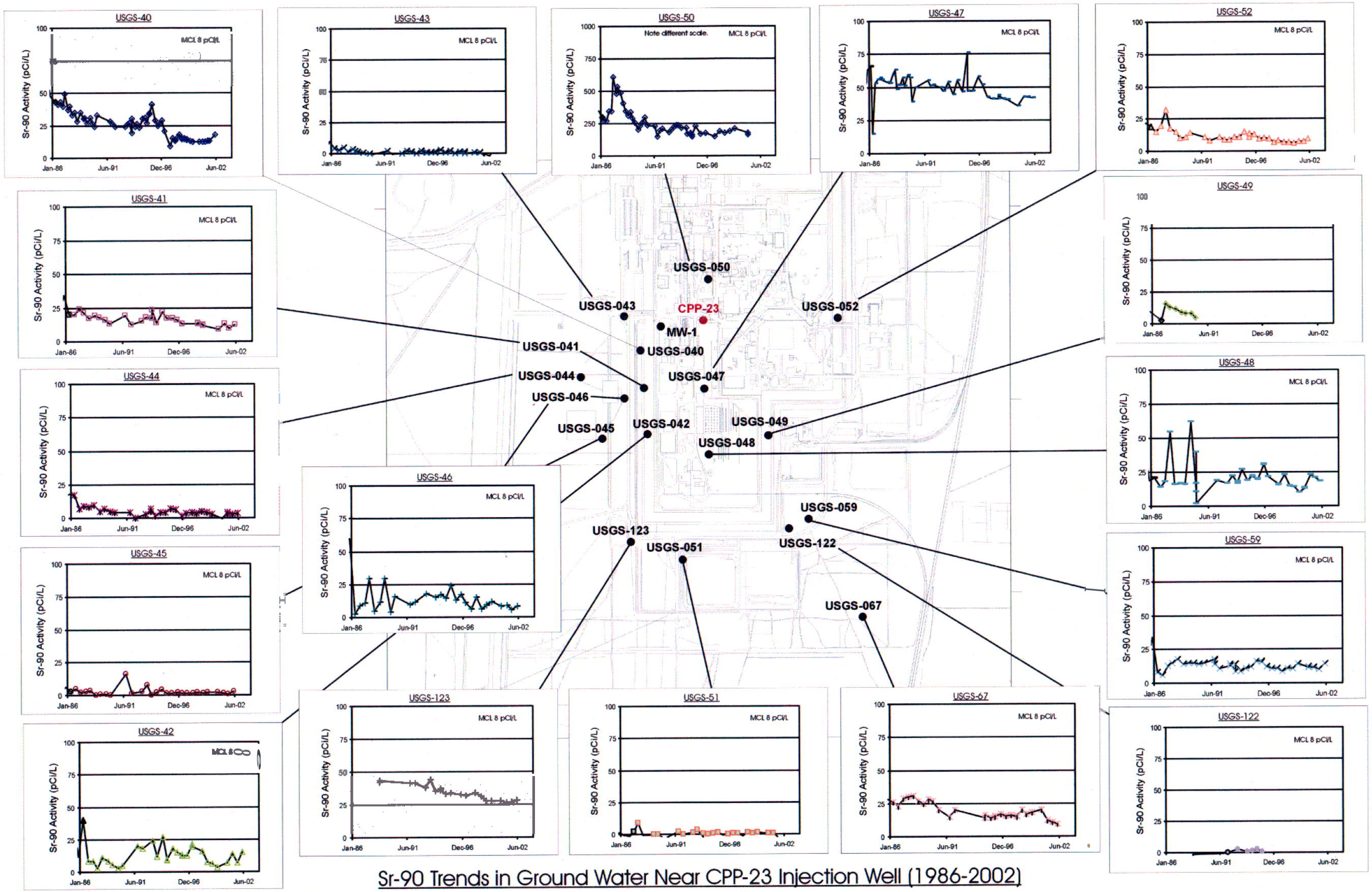
Tritium Trends in Ground Water Near CPP-23 Injection Well



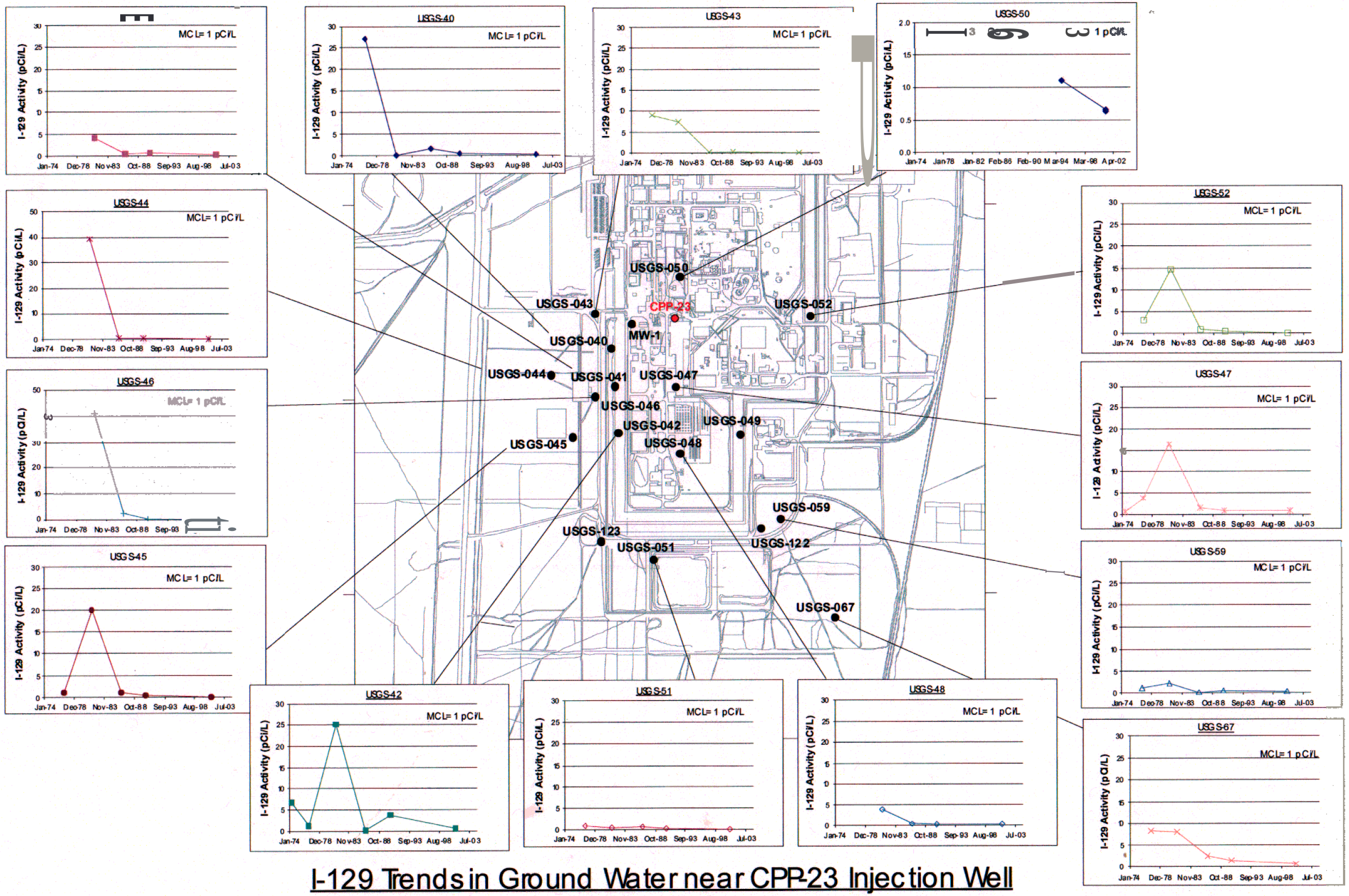
Tritium Trends in Ground Water Near CPP-23 Injection Well (1986-2002)



Sr-90 Trends In Ground Water Near CPP-23 Injection Well



Sr-90 Trends in Ground Water Near CPP-23 Injection Well (1986-2002)



I-129 Trends in Ground Water near CPP-23 Injection Well