

4.3-71

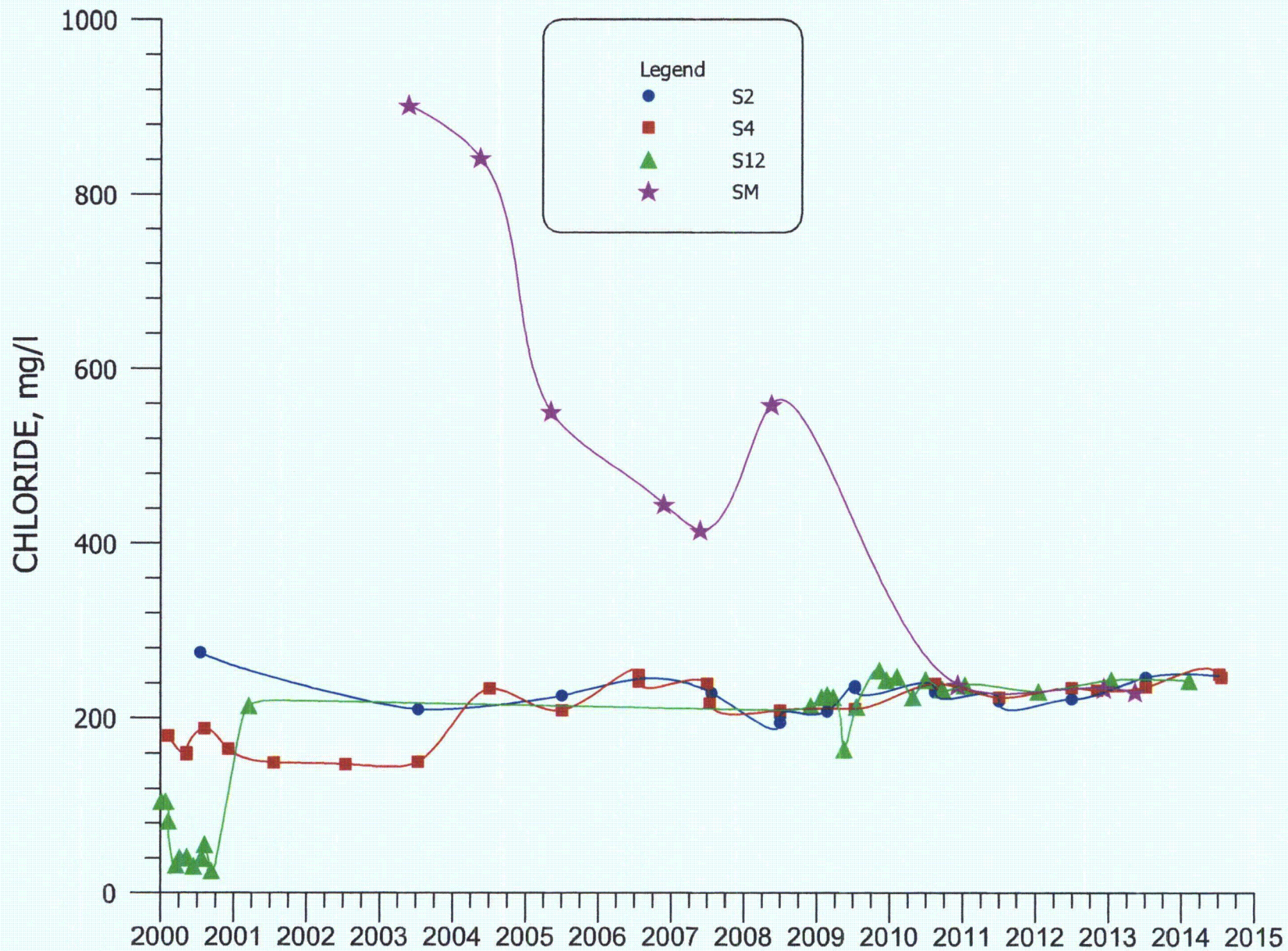


FIGURE 4.3-38. CHLORIDE CONCENTRATIONS FOR WELLS S2, S4, S12 AND SM.

4.3-72

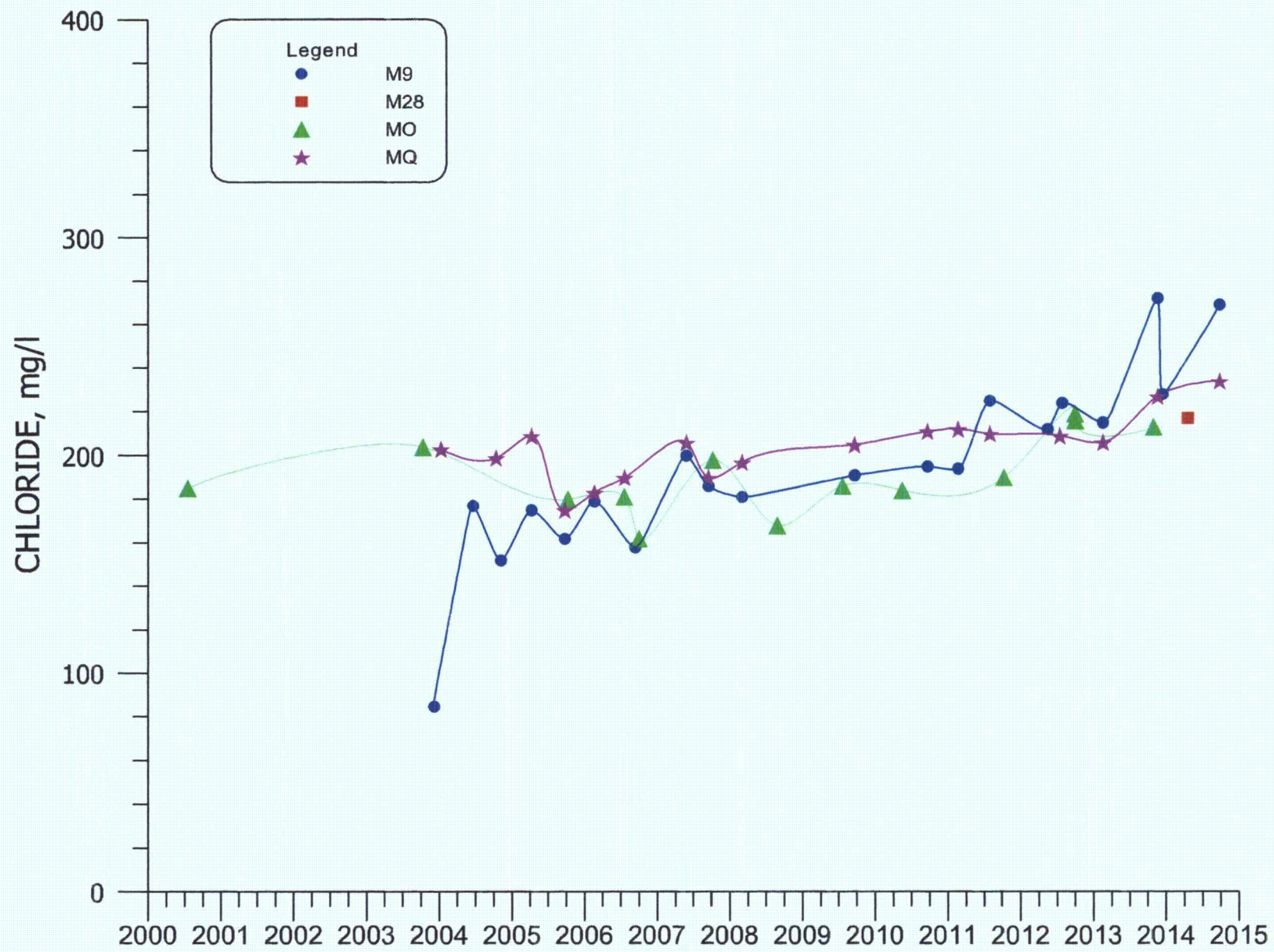


FIGURE 4.3-39. CHLORIDE CONCENTRATIONS FOR WELLS M9, M28, MO AND MQ.

4.3-73

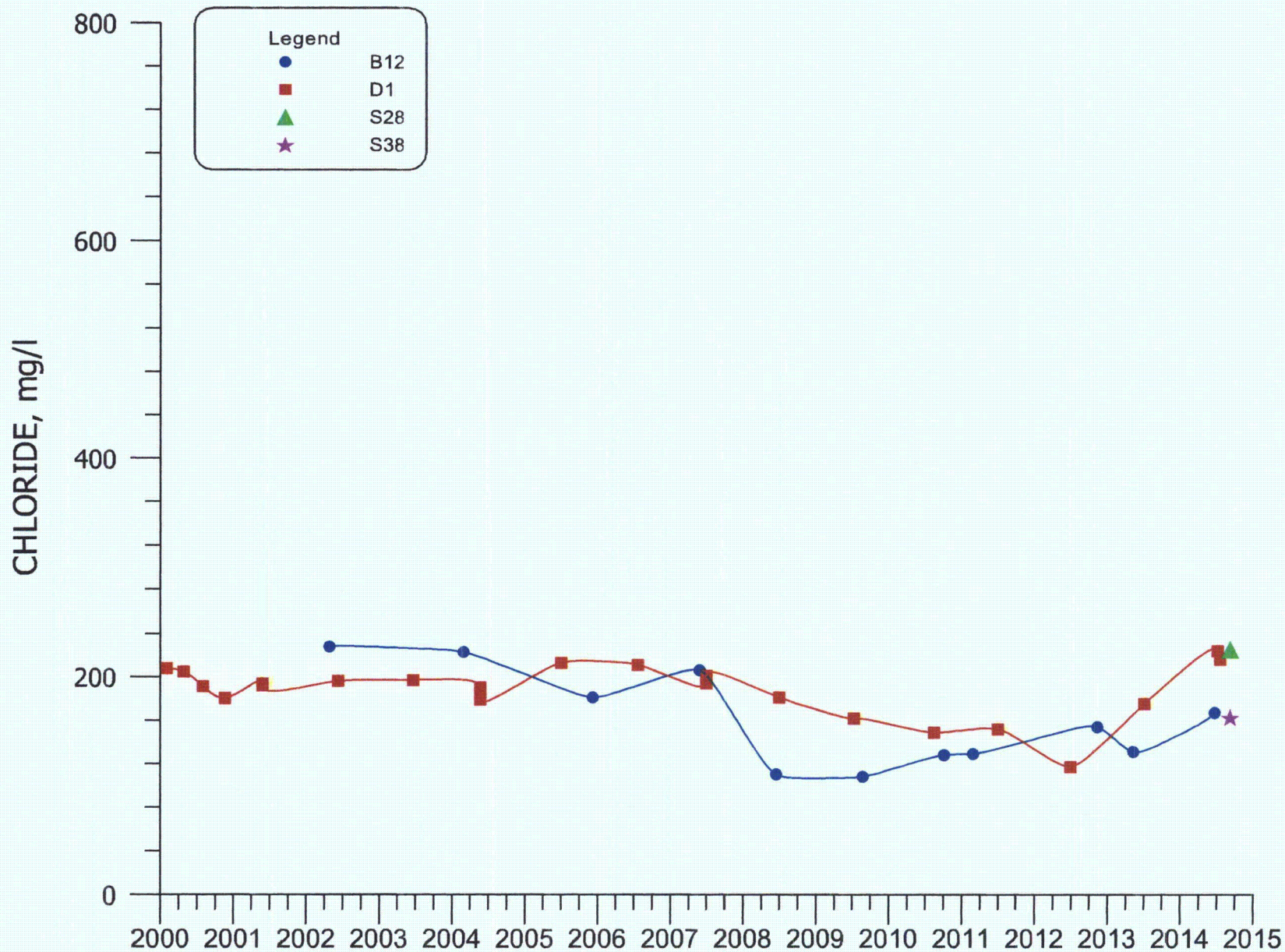


FIGURE 4.3-40. CHLORIDE CONCENTRATIONS FOR WELLS B12, D1, S28 AND S38.

4.3-74

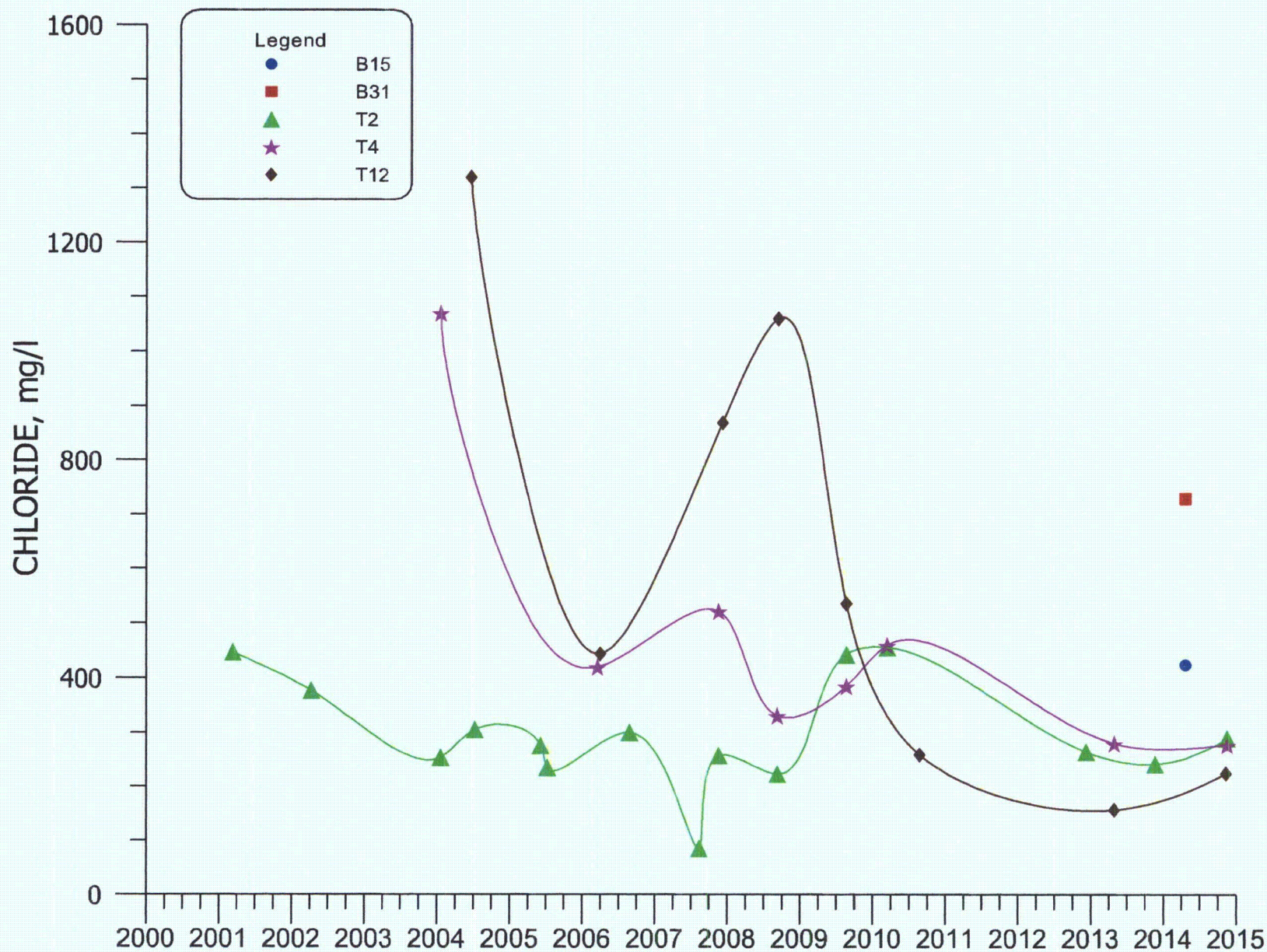


FIGURE 4.3-41. CHLORIDE CONCENTRATIONS FOR WELLS B15, B31, T2, T4 AND T12.

4.3-75

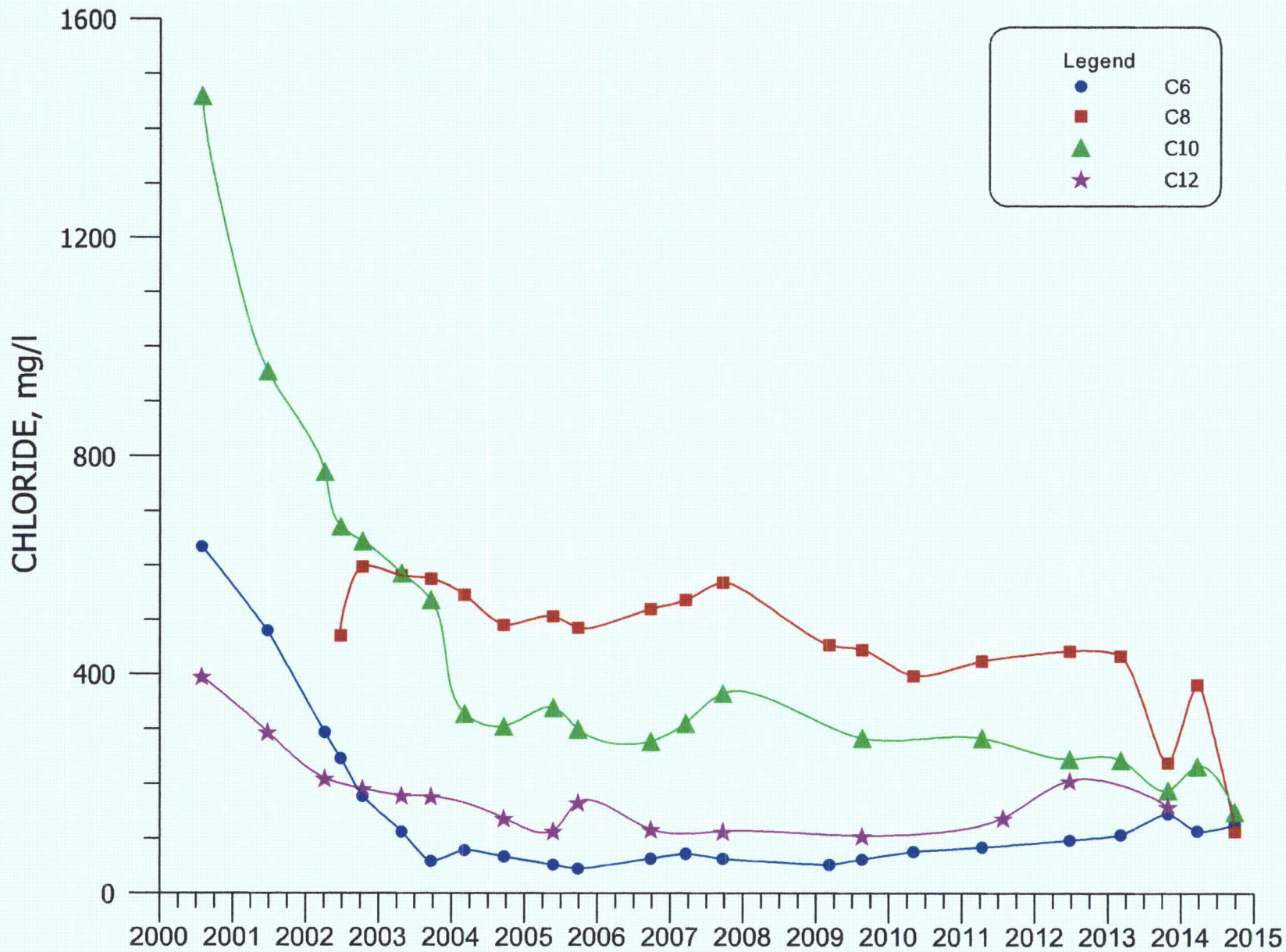


FIGURE 4.3-42. CHLORIDE CONCENTRATIONS FOR WELLS C6, C8, C10 AND C12.

4.3-76

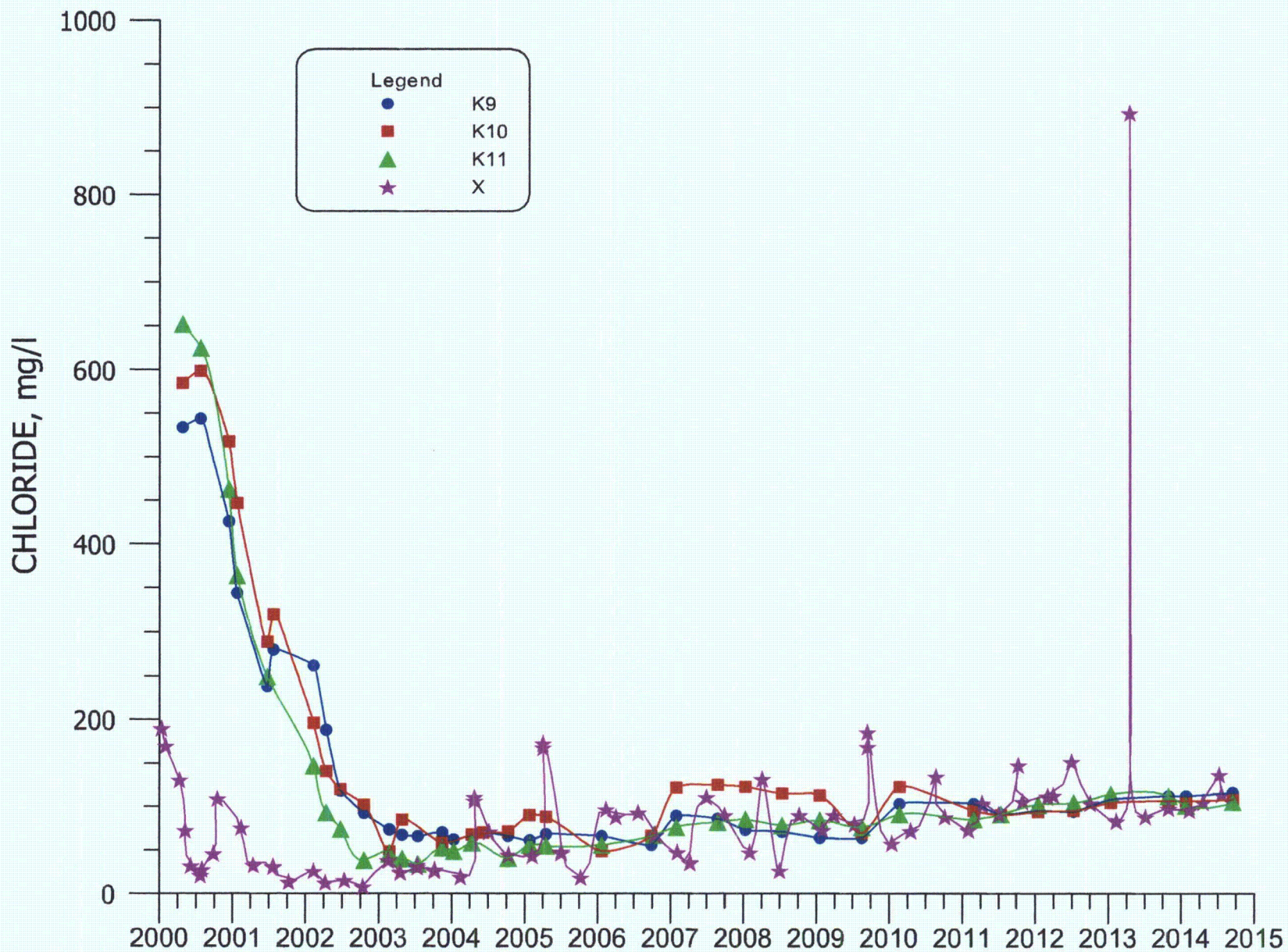


FIGURE 4.3-43. CHLORIDE CONCENTRATIONS FOR WELLS K9, K10, K11 AND X.

4.3-77

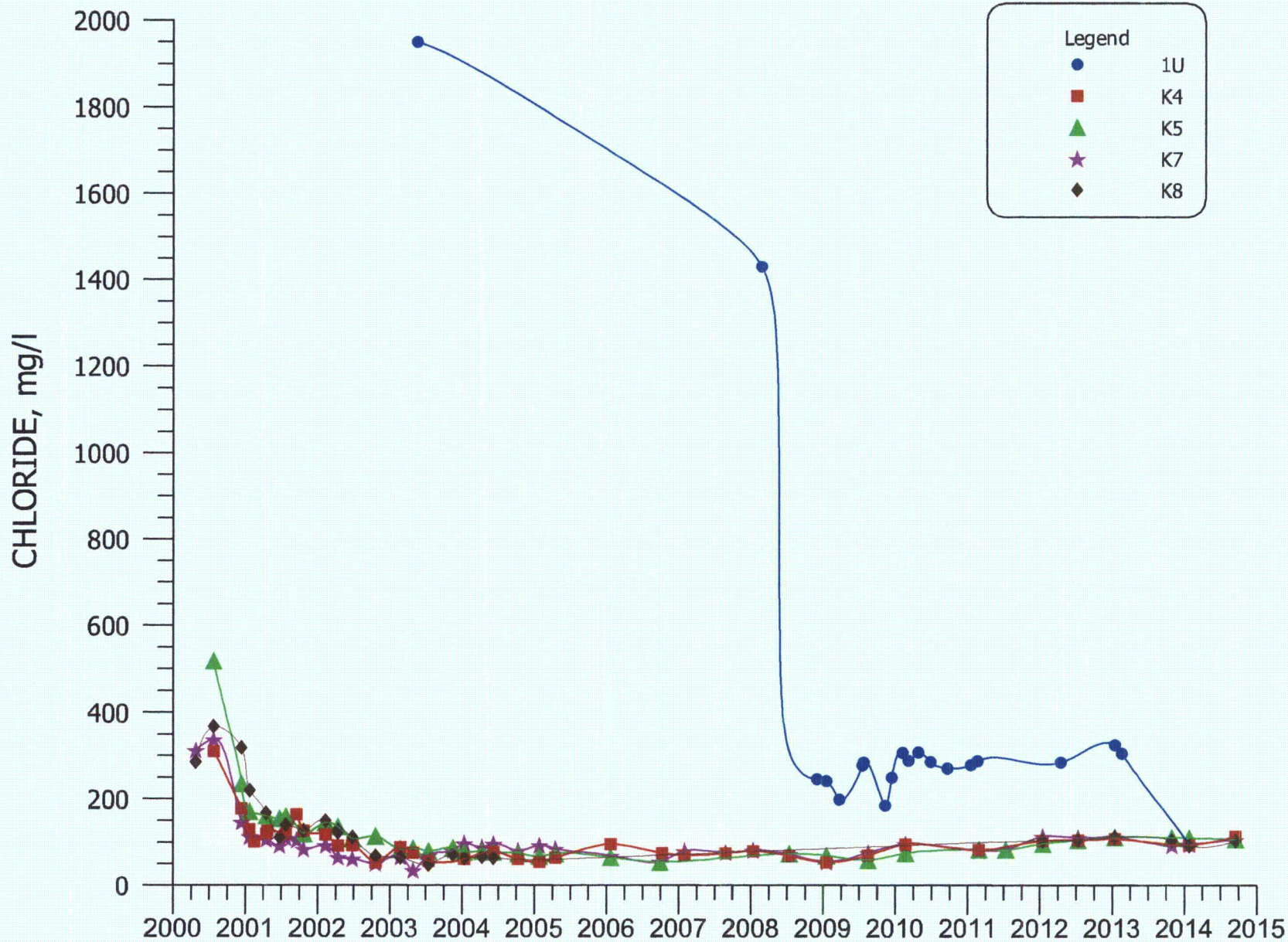


FIGURE 4.3-44. CHLORIDE CONCENTRATIONS FOR WELLS 1U, K4, K5, K7 AND K8.

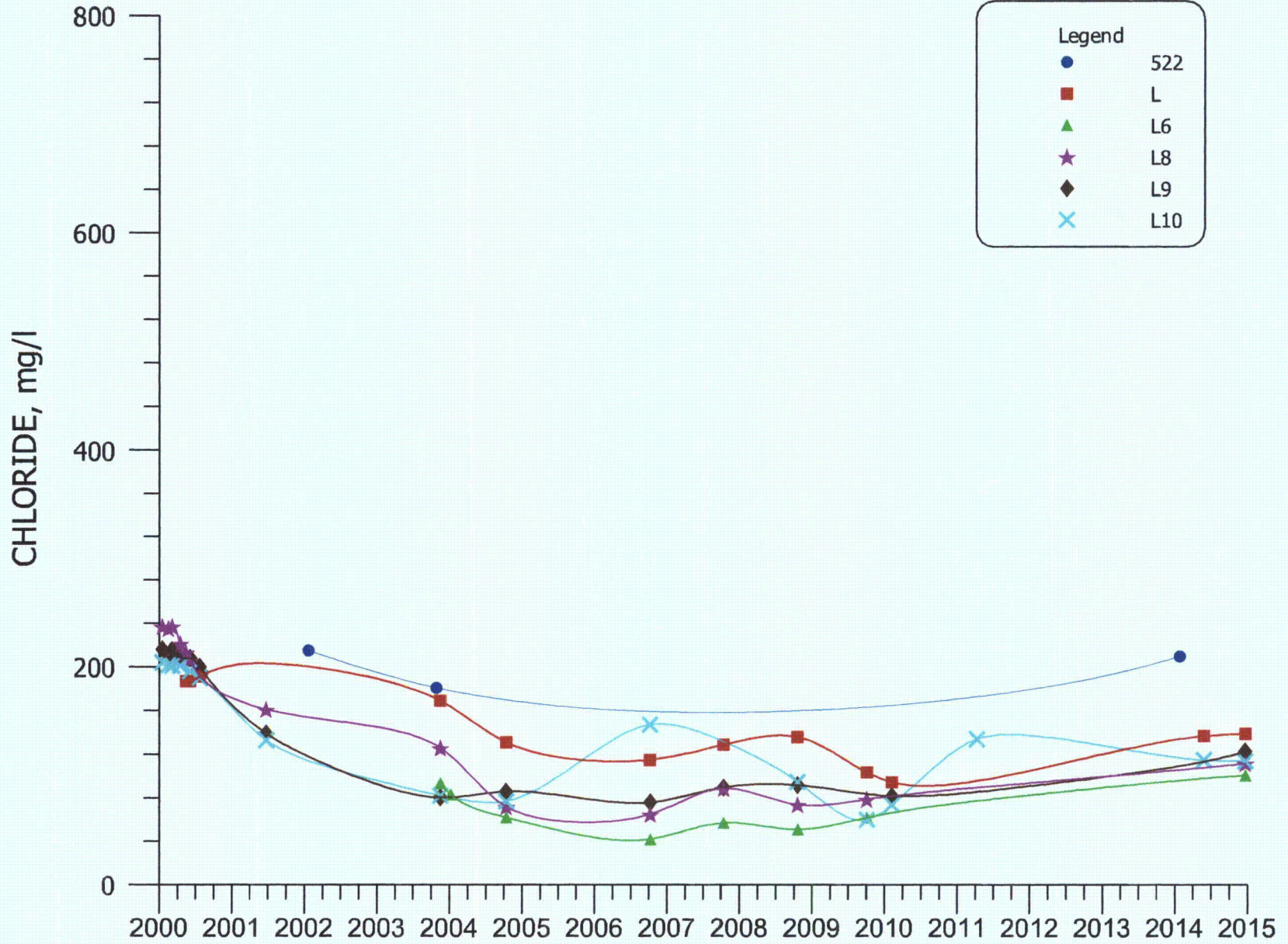


FIGURE 4.3-45. CHLORIDE CONCENTRATIONS FOR WELLS 522, L, L6, L8, L9, AND L10.

4.3-79

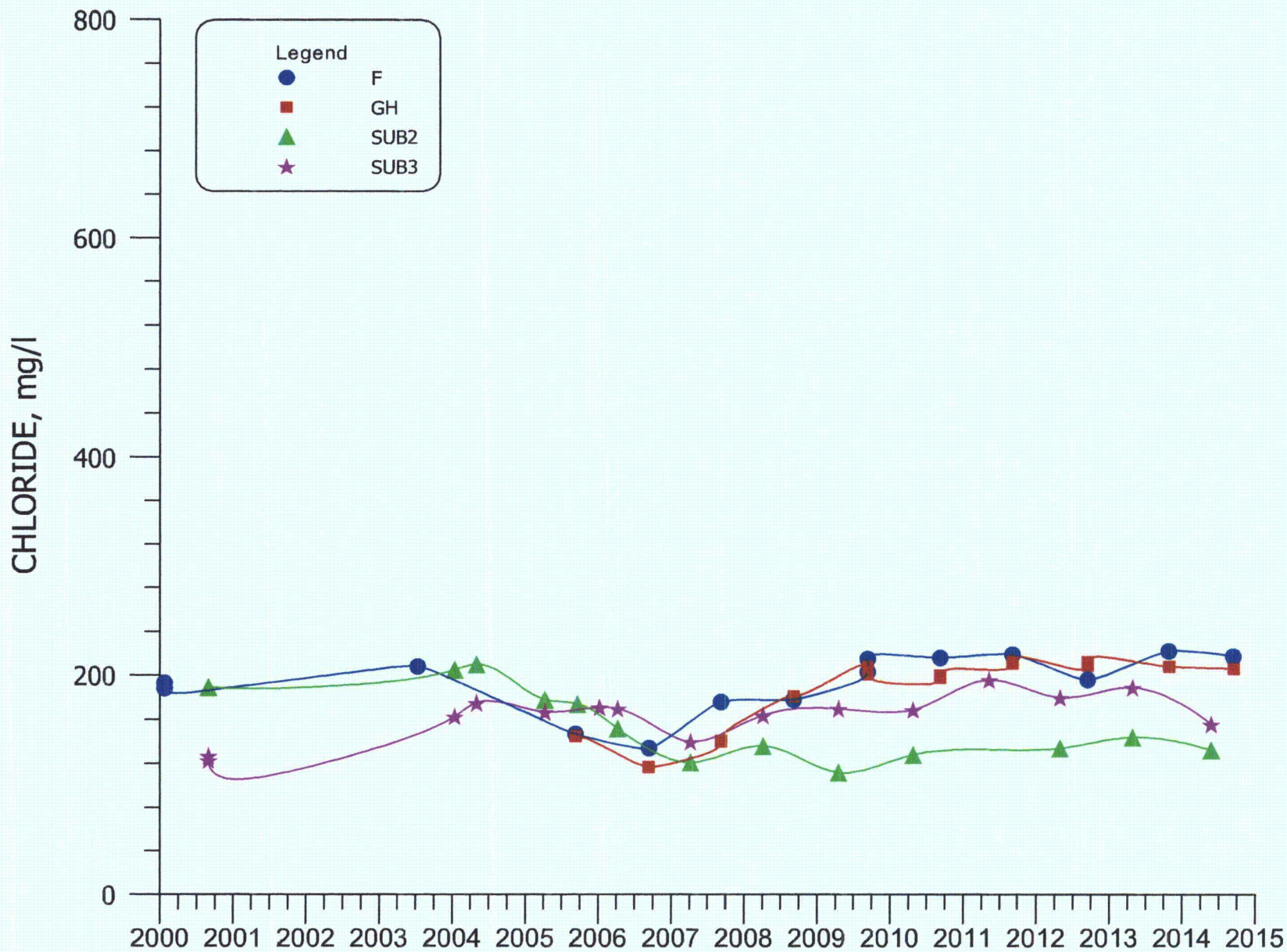


FIGURE 4.3-46. CHLORIDE CONCENTRATIONS FOR WELLS F, GH, SUB2 AND SUB3.

4.3-80

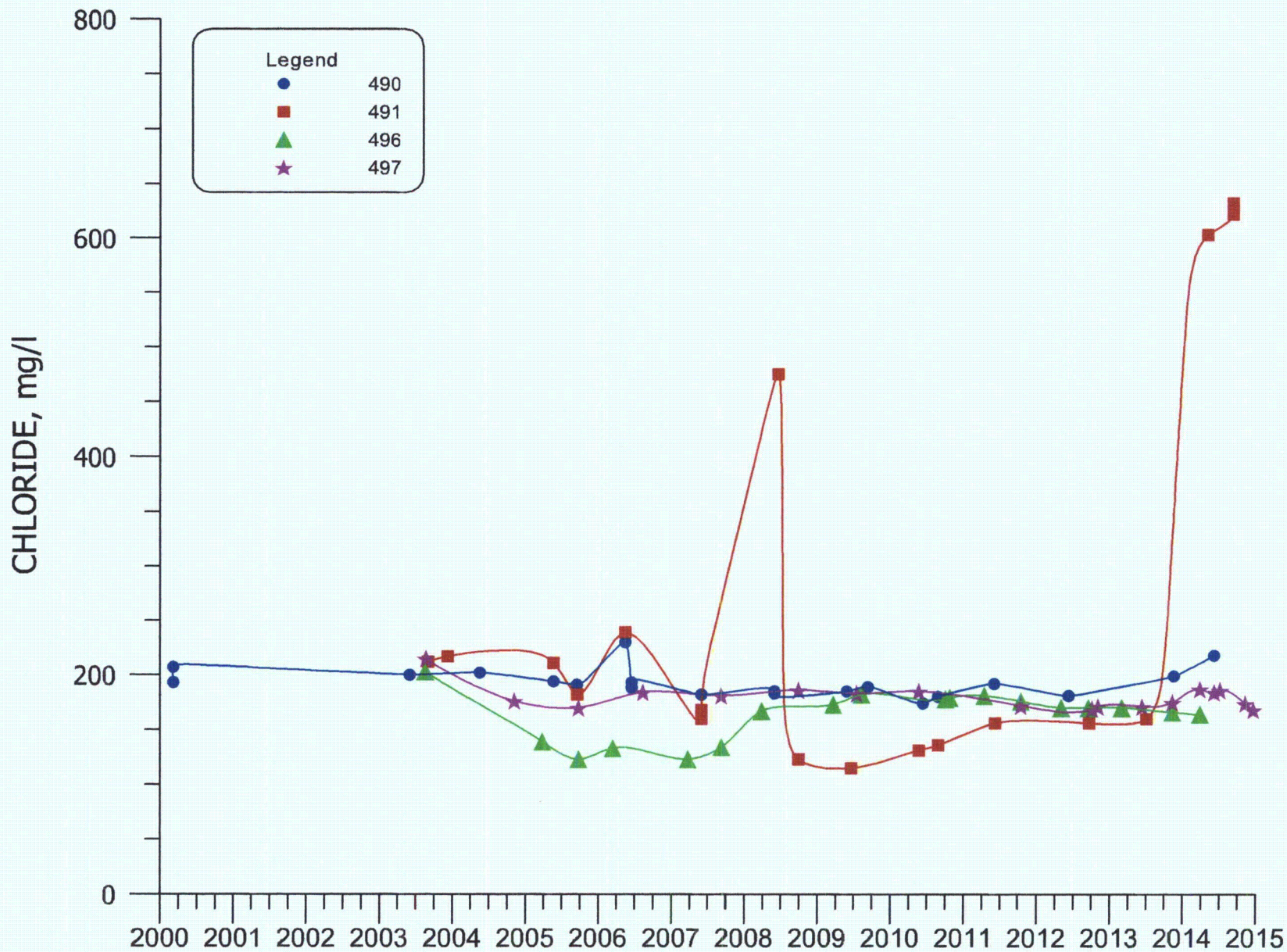


FIGURE 4.3-47. CHLORIDE CONCENTRATIONS FOR WELLS 490, 491, 496 AND 497.

4.3-81

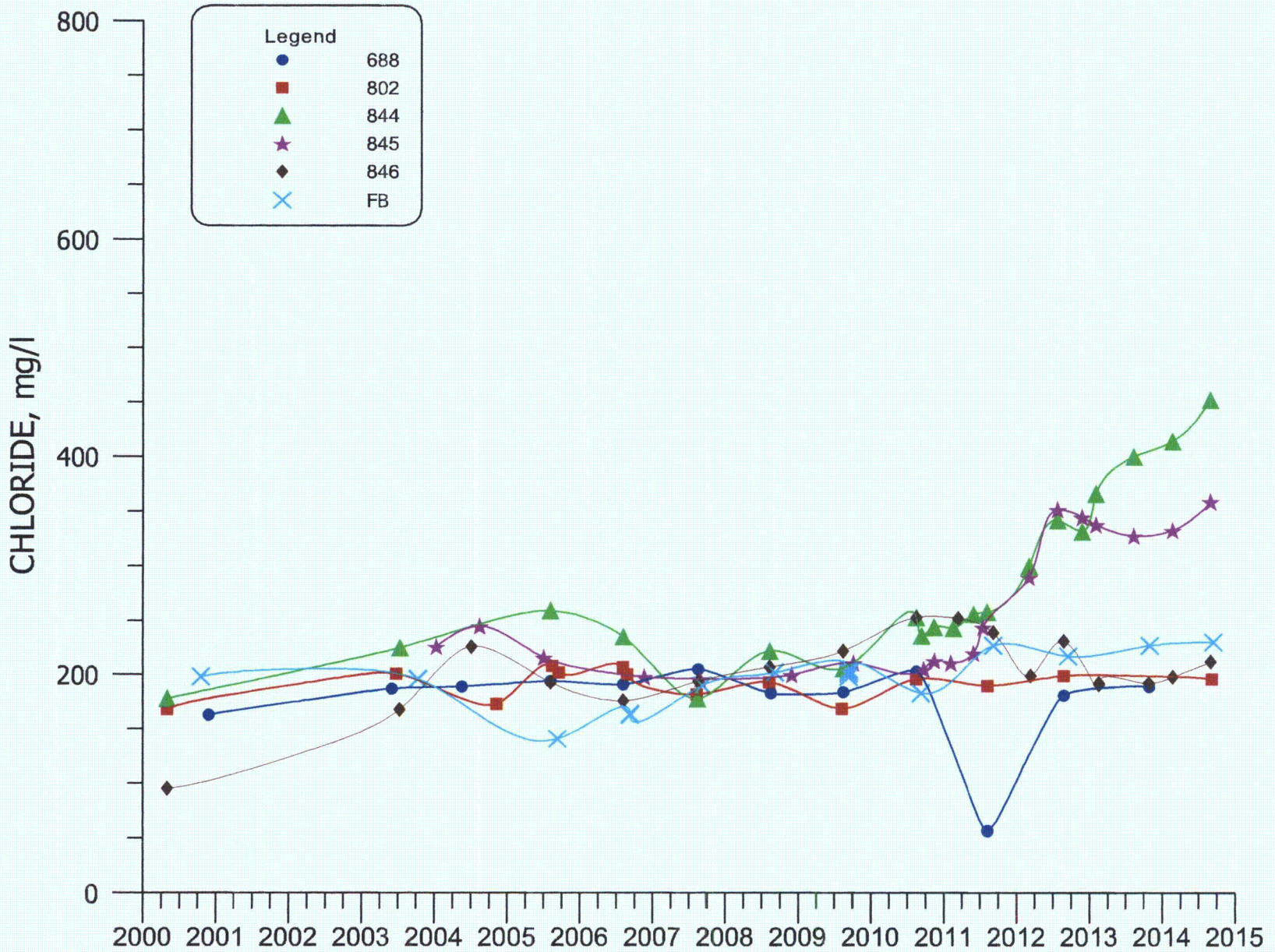


FIGURE 4.3-48. CHLORIDE CONCENTRATIONS FOR WELLS 688, 802, 844, 845, 846, AND FB.

4.3-82

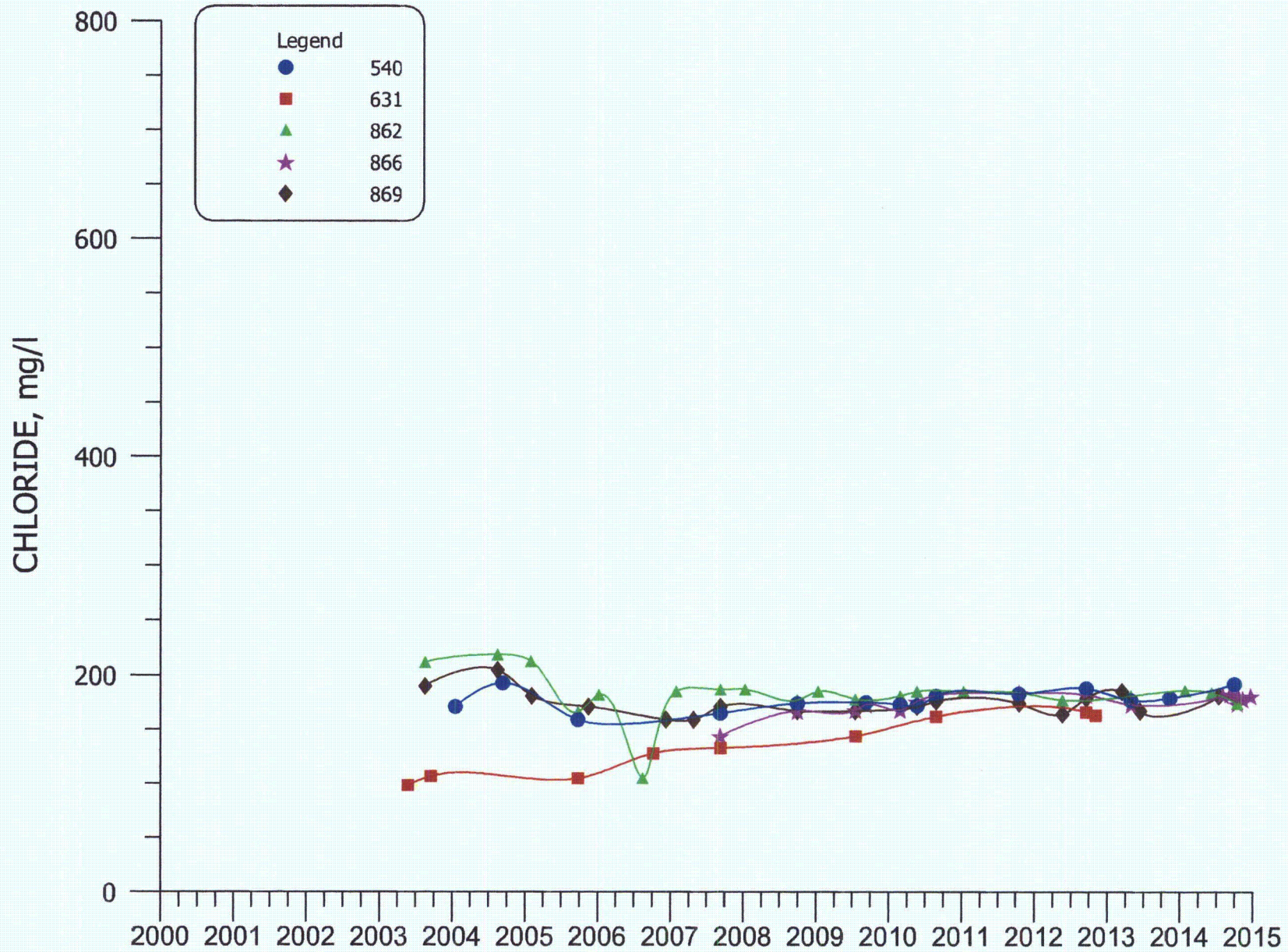


FIGURE 4.3-49. CHLORIDE CONCENTRATIONS FOR WELLS 540, 631, 862, 866, AND 869.

4.3-83

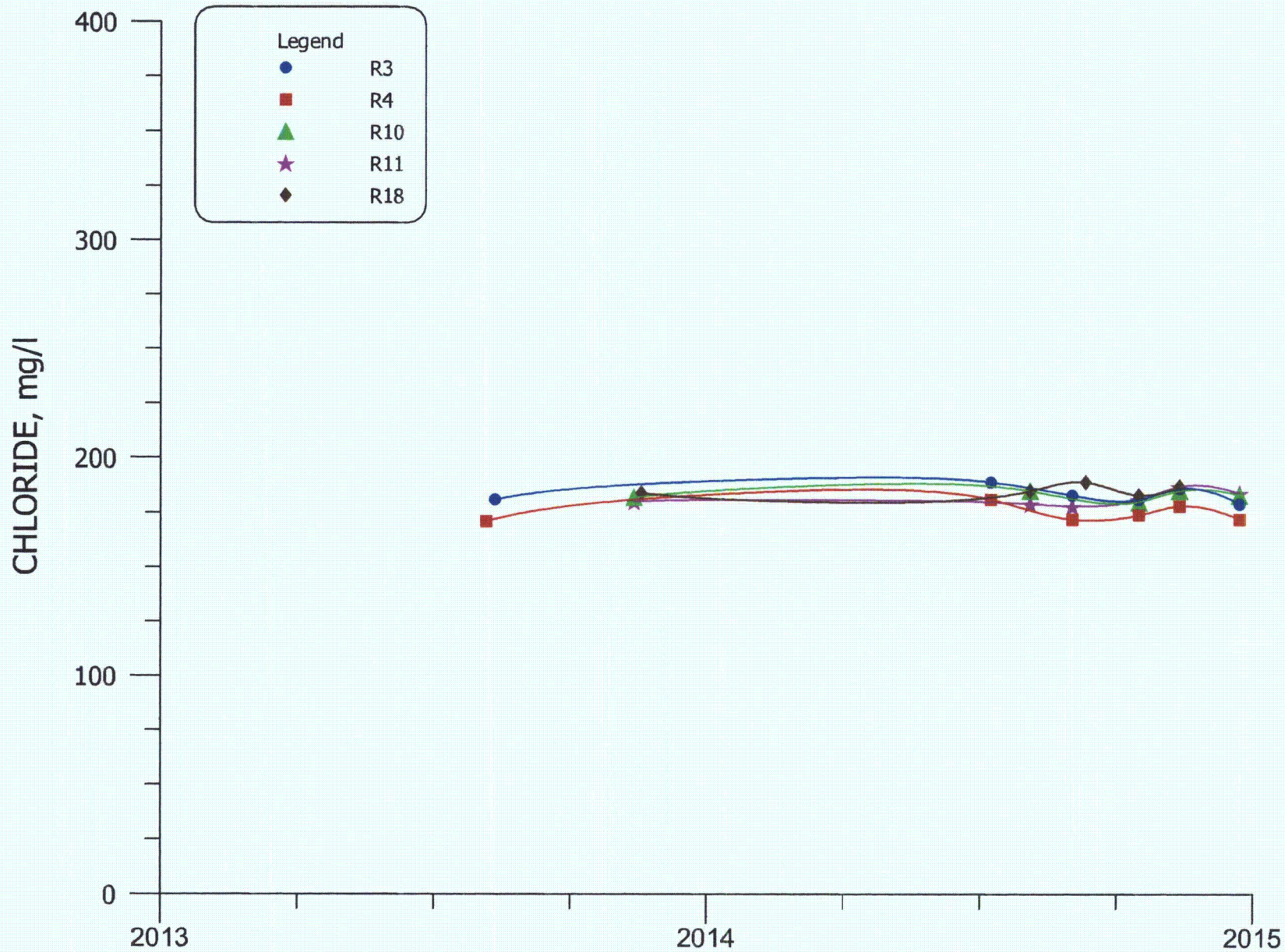


FIGURE 4.3-49A. CHLORIDE CONCENTRATIONS FOR WELLS R3, R4, R10, R11 AND R18.

4.3-84

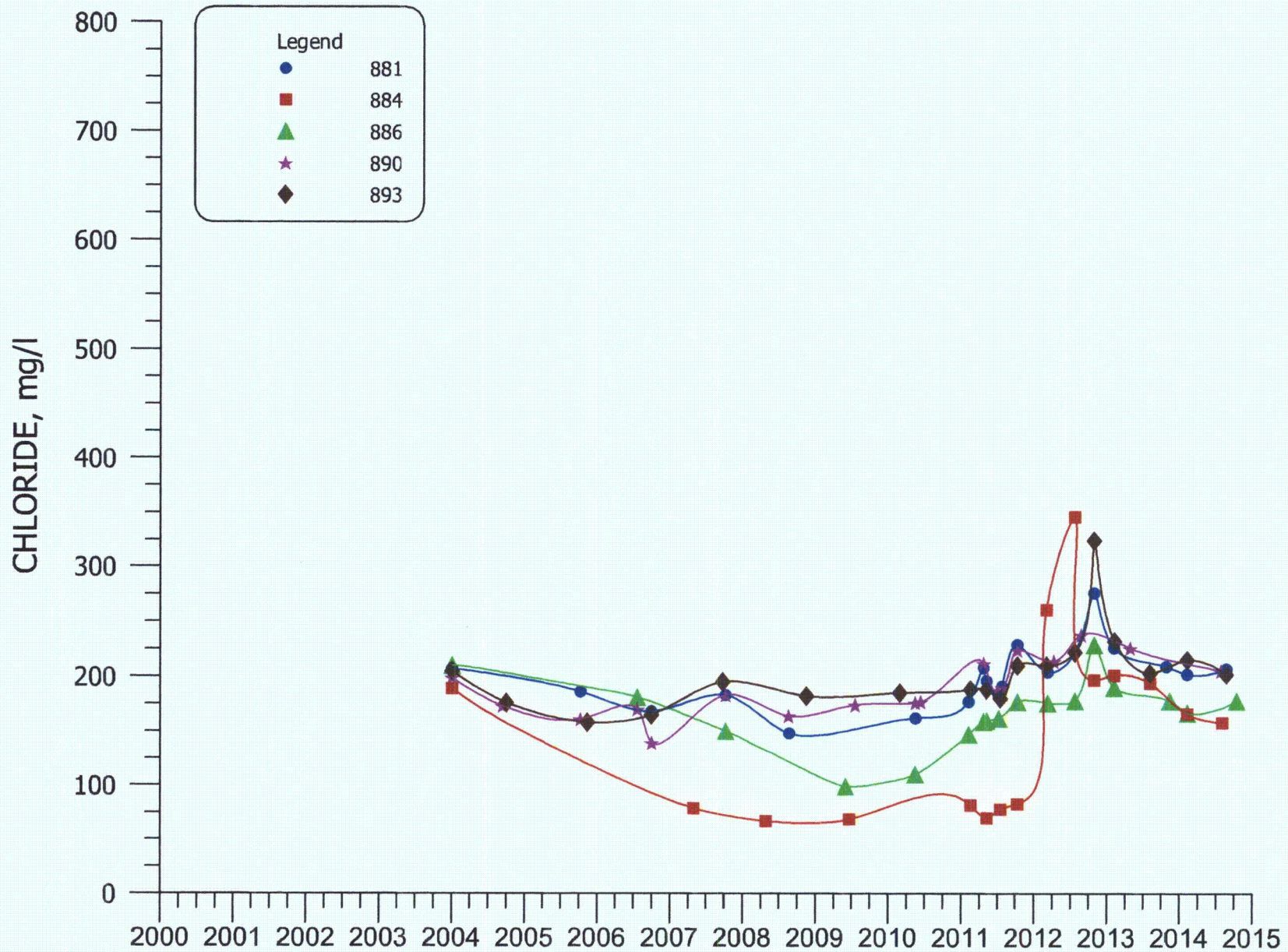


FIGURE 4.3-50. CHLORIDE CONCENTRATIONS FOR WELLS 881, 884, 886, 890 AND 893.

4.3-85

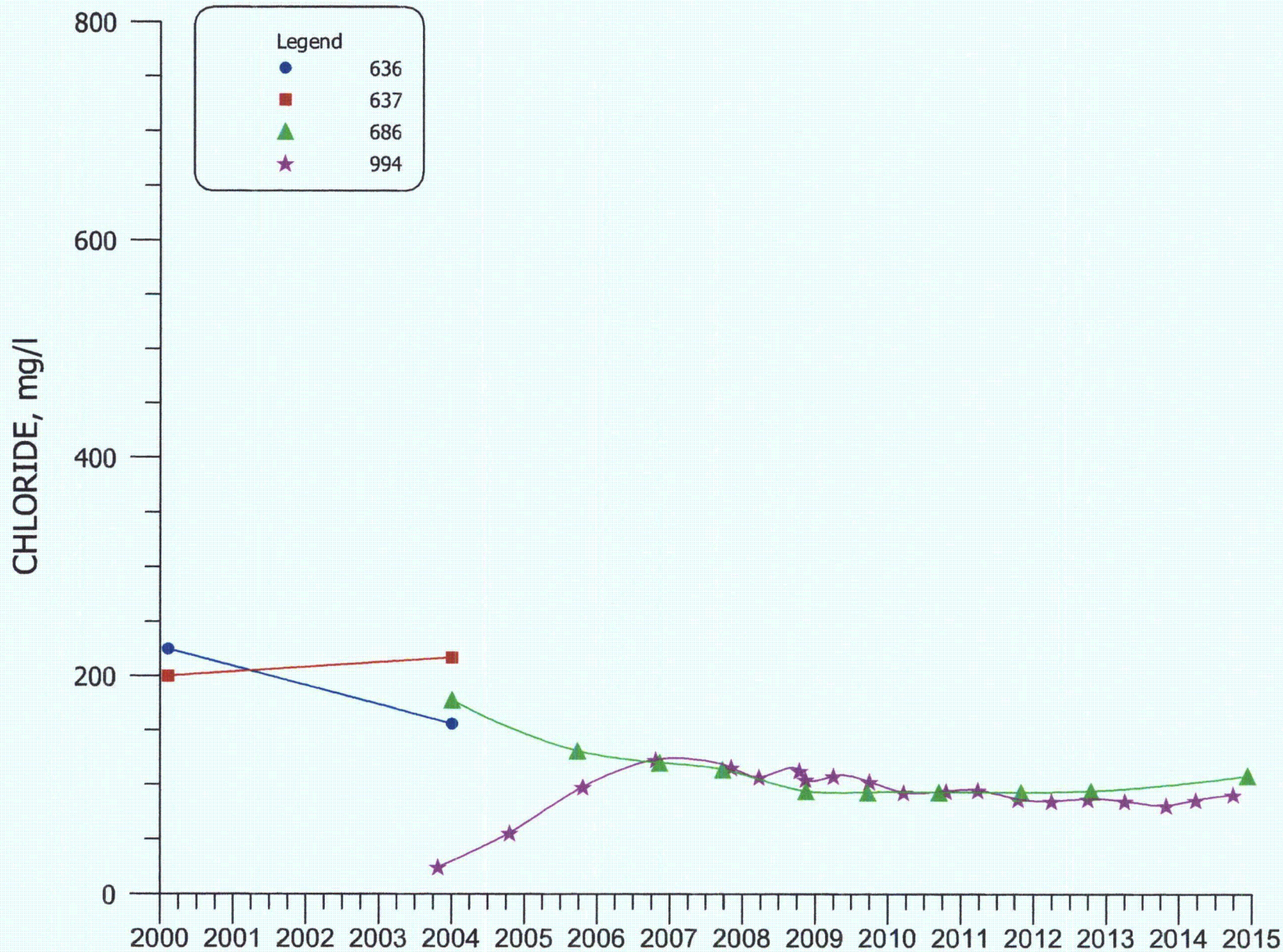


FIGURE 4.3-51. CHLORIDE CONCENTRATIONS FOR WELLS 636, 627, 686 AND 994.

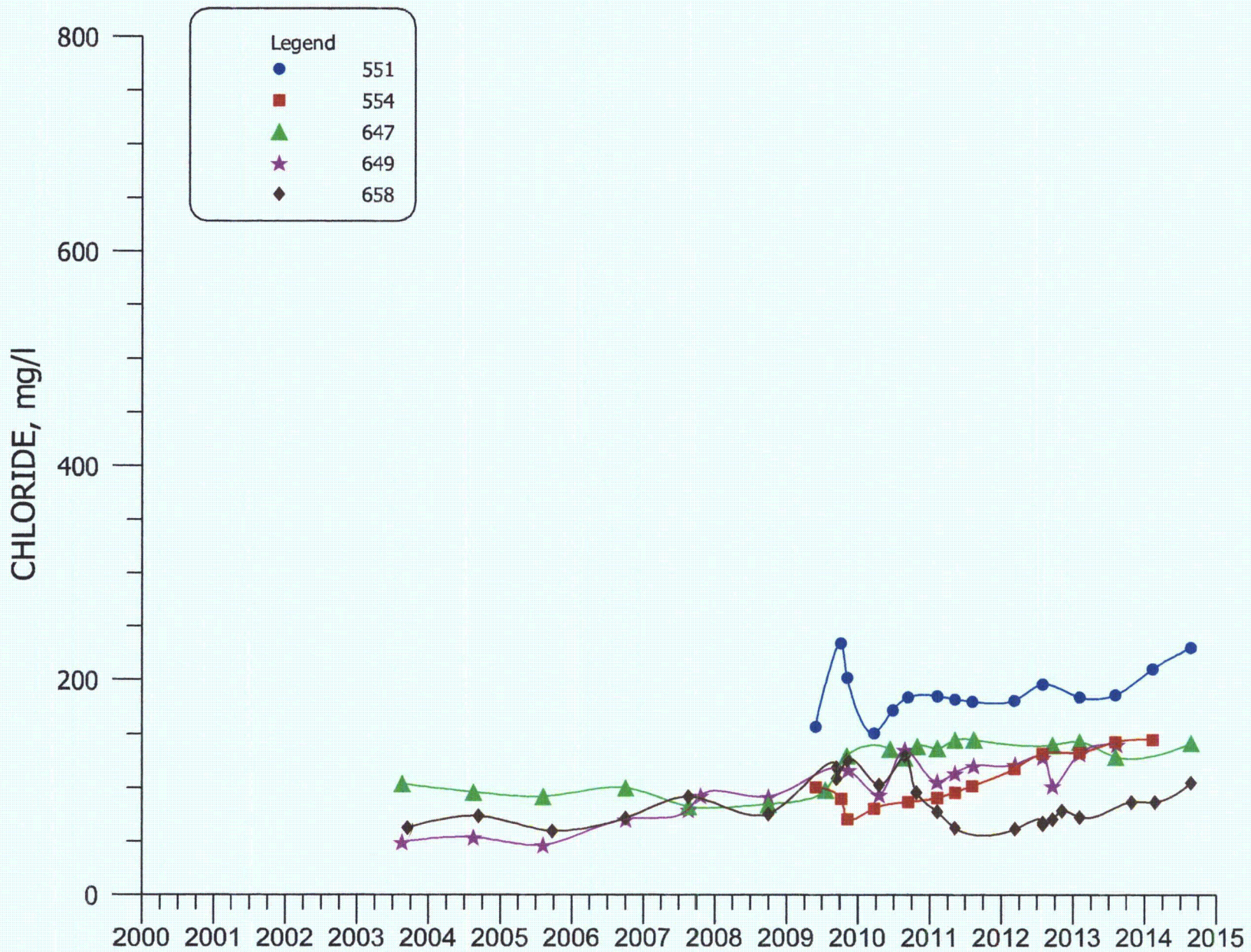
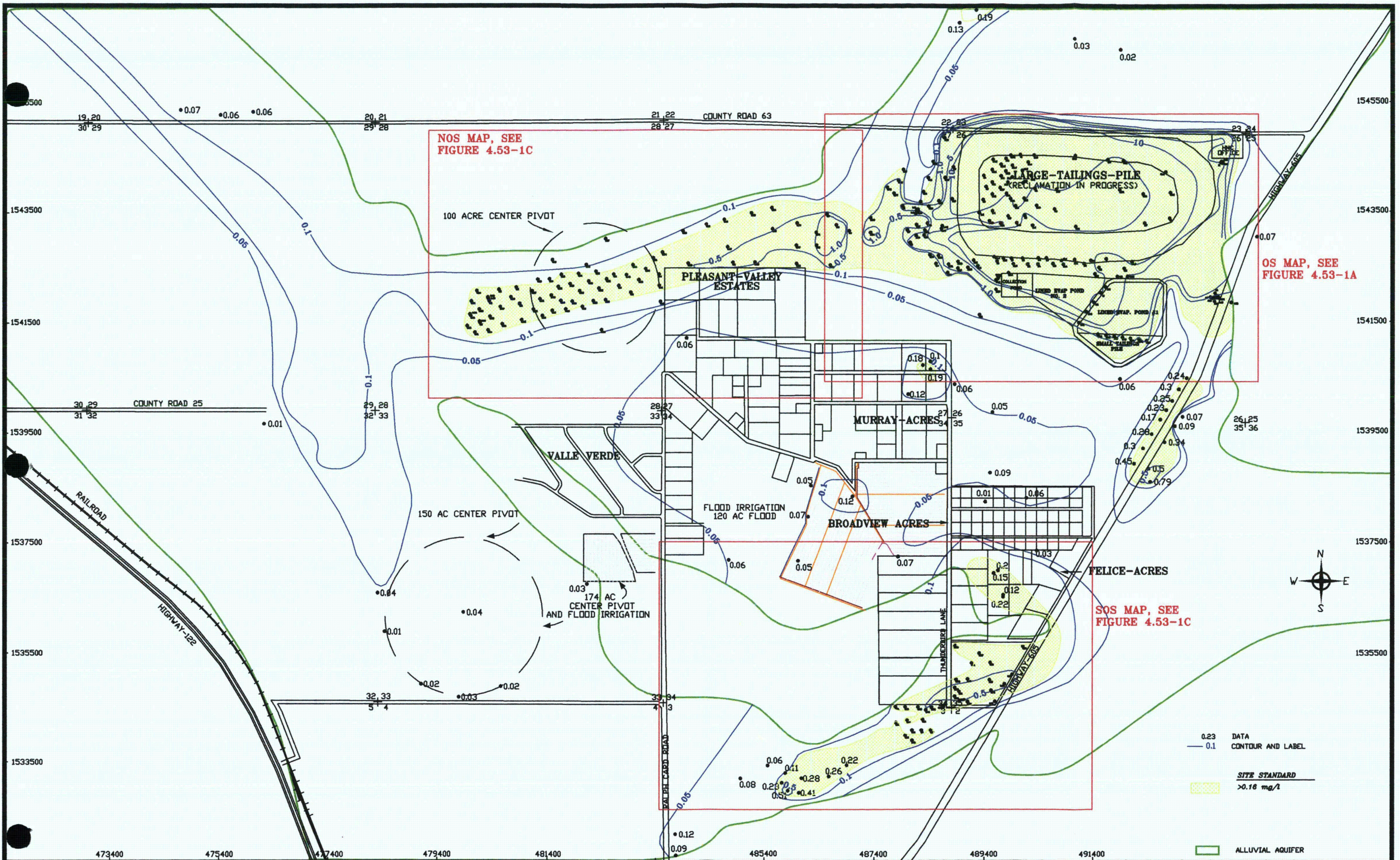


FIGURE 4.3-52. CHLORIDE CONCENTRATIONS FOR WELLS 551, 554, 647, 649 AND 658.



NOS MAP, SEE
FIGURE 4.53-1C

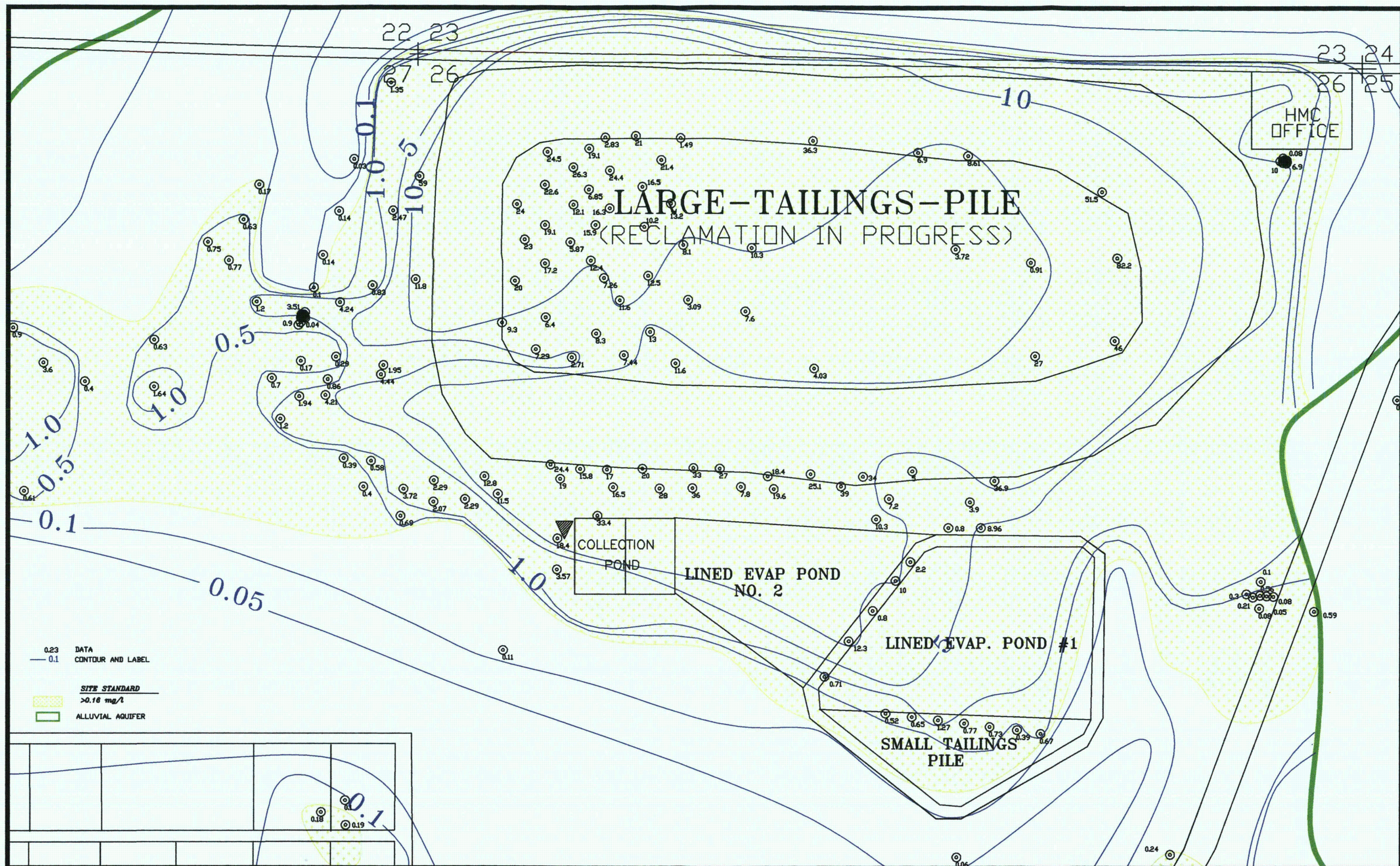
OS MAP, SEE
FIGURE 4.53-1A

SOS MAP, SEE
FIGURE 4.53-1C

- 0.23 DATA
- 0.1 CONTOUR AND LABEL
- SITE STANDARD
0.16 mg/l
- ALLUVIAL AQUIFER

SCALE: 1"=1600'
C:\PROJECTS\2015-06
1600QAL14
DATE: 3/10/15

FIGURE 4.3-53. URANIUM CONCENTRATIONS
OF THE ALLUVIAL AQUIFER, 2014 mg/l



LARGE-TAILINGS-PILE
 (RECLAMATION IN PROGRESS)

HMC
 OFFICE

COLLECTION
 POND

LINED EVAP POND
 NO. 2

LINED EVAP. POND #1

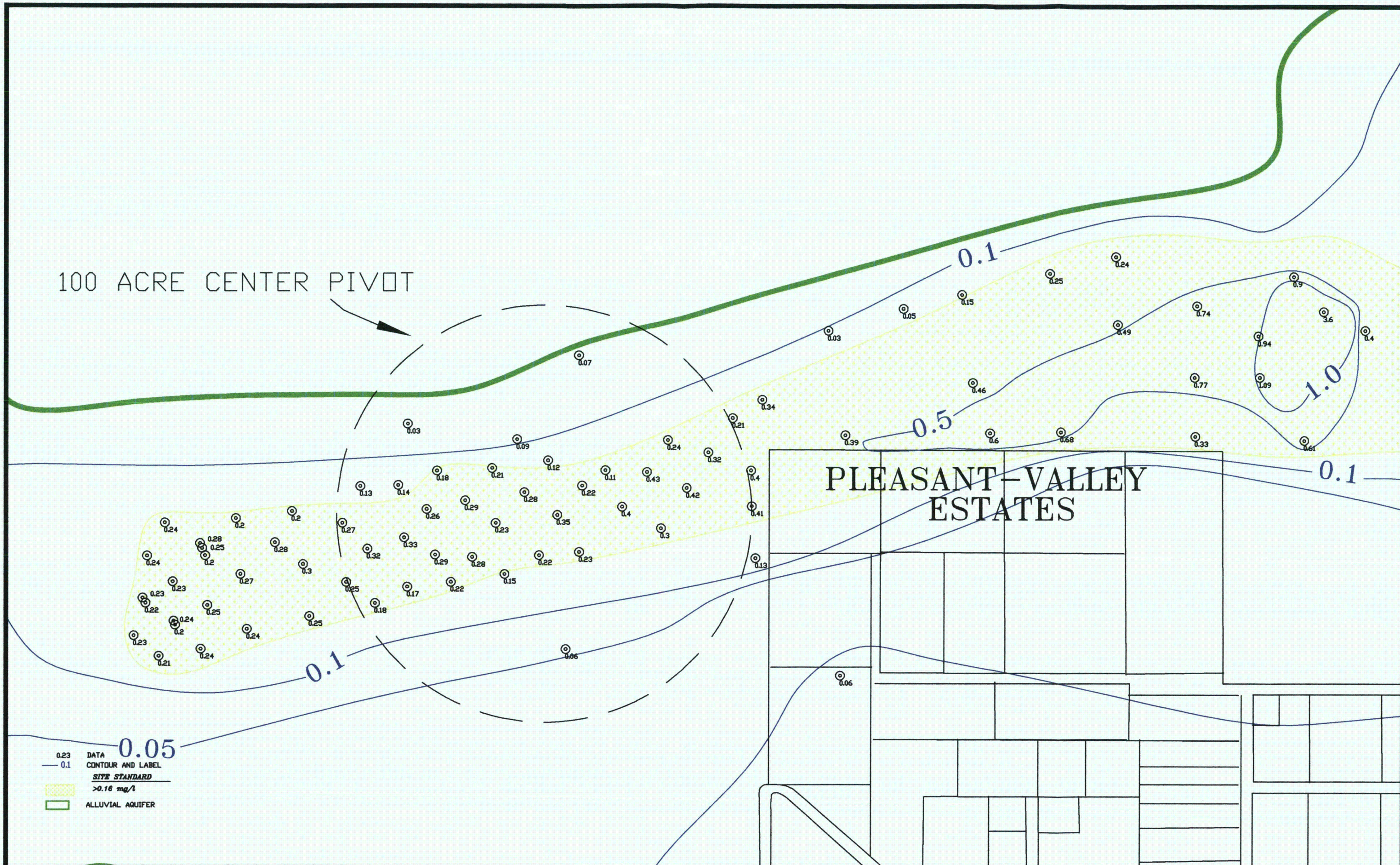
SMALL TAILINGS
 PILE

FIGURE 4.3-53A. URANIUM CONCENTRATIONS OF THE ALLUVIAL AQUIFER, OS, 2014, mg/l



SCALE: 1"=500'
 C:\PROJECTS\2015-06
 18009AL14
 DATE: 3/10/15

FIGURE 4.3-53B. URANIUM CONCENTRATIONS OF THE ALLUVIAL AQUIFER, SOS, 2014, mg/l 4.3-89



SCALE: 1"=500'
 C:\PROJECTS\2015-06
 1600QAL14
 DATE: 3/10/15

FIGURE 4.3-53C. URANIUM CONCENTRATIONS OF THE ALLUVIAL AQUIFER, NOS, 2014, mg/l
 4.3-90

4.3-91

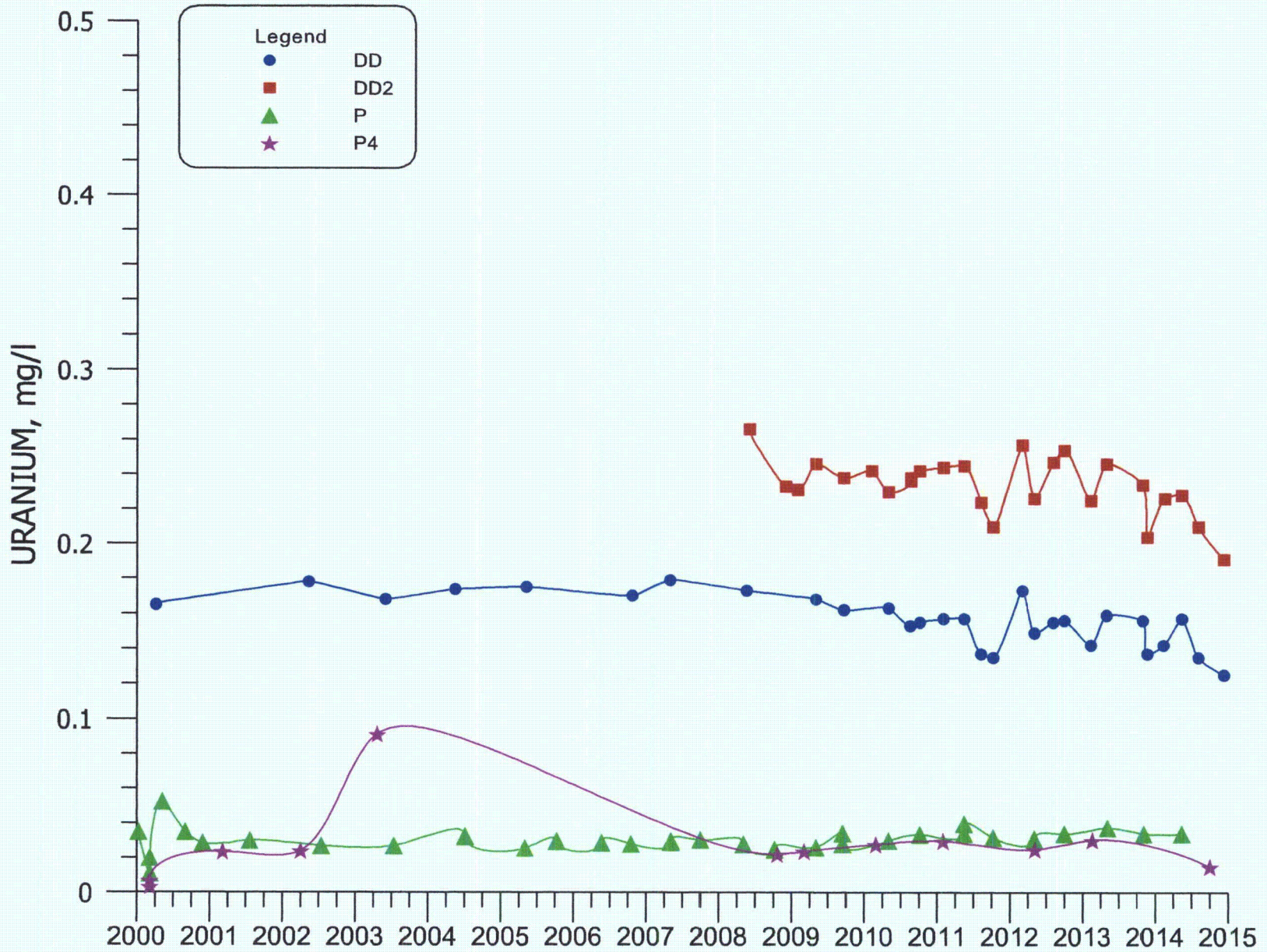


FIGURE 4.3-54. URANIUM CONCENTRATIONS FOR WELLS DD, DD2, P AND P4.

4.3-92

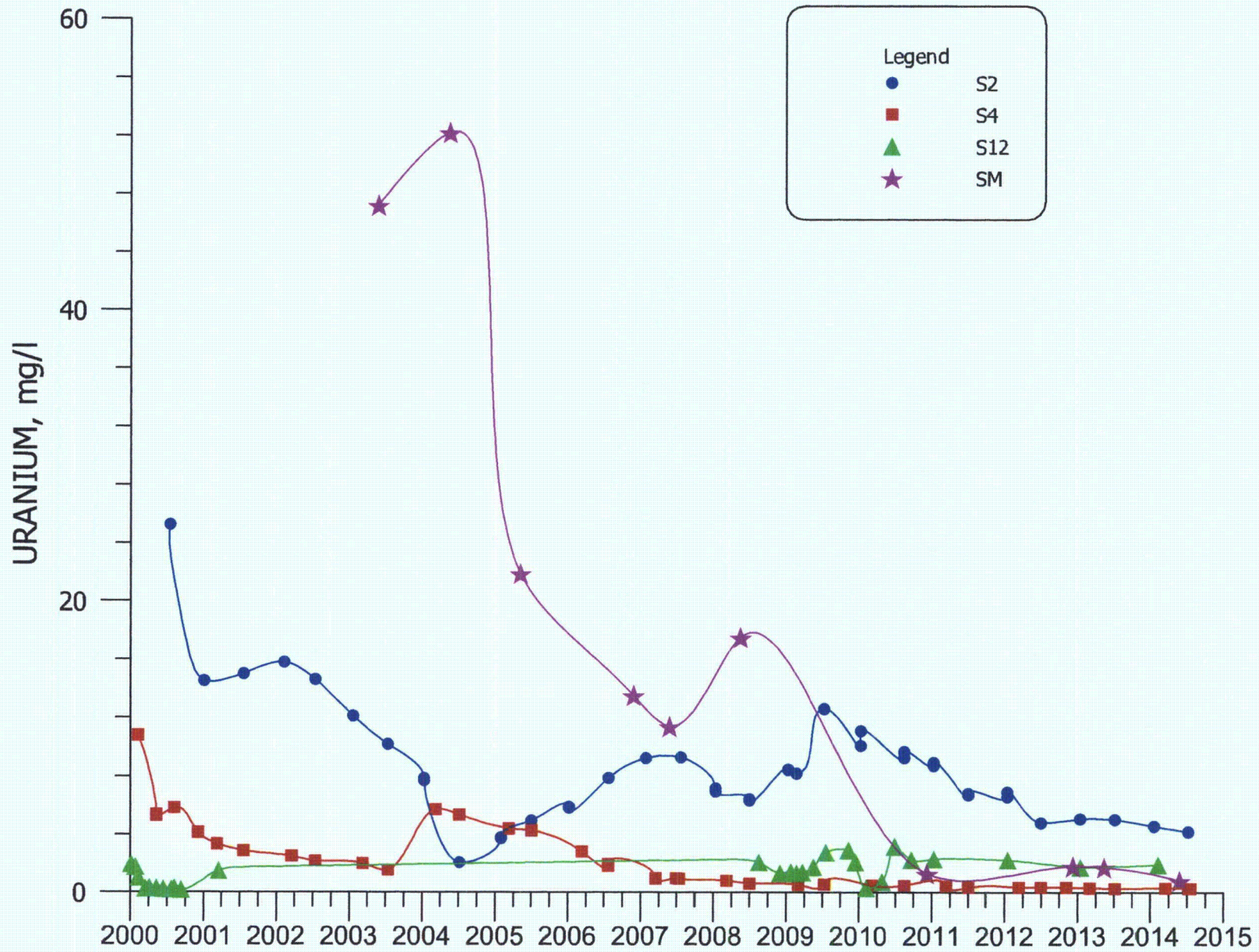


FIGURE 4.3-55. URANIUM CONCENTRATIONS FOR WELLS S2, S4, S12 AND SM.

4.3-93

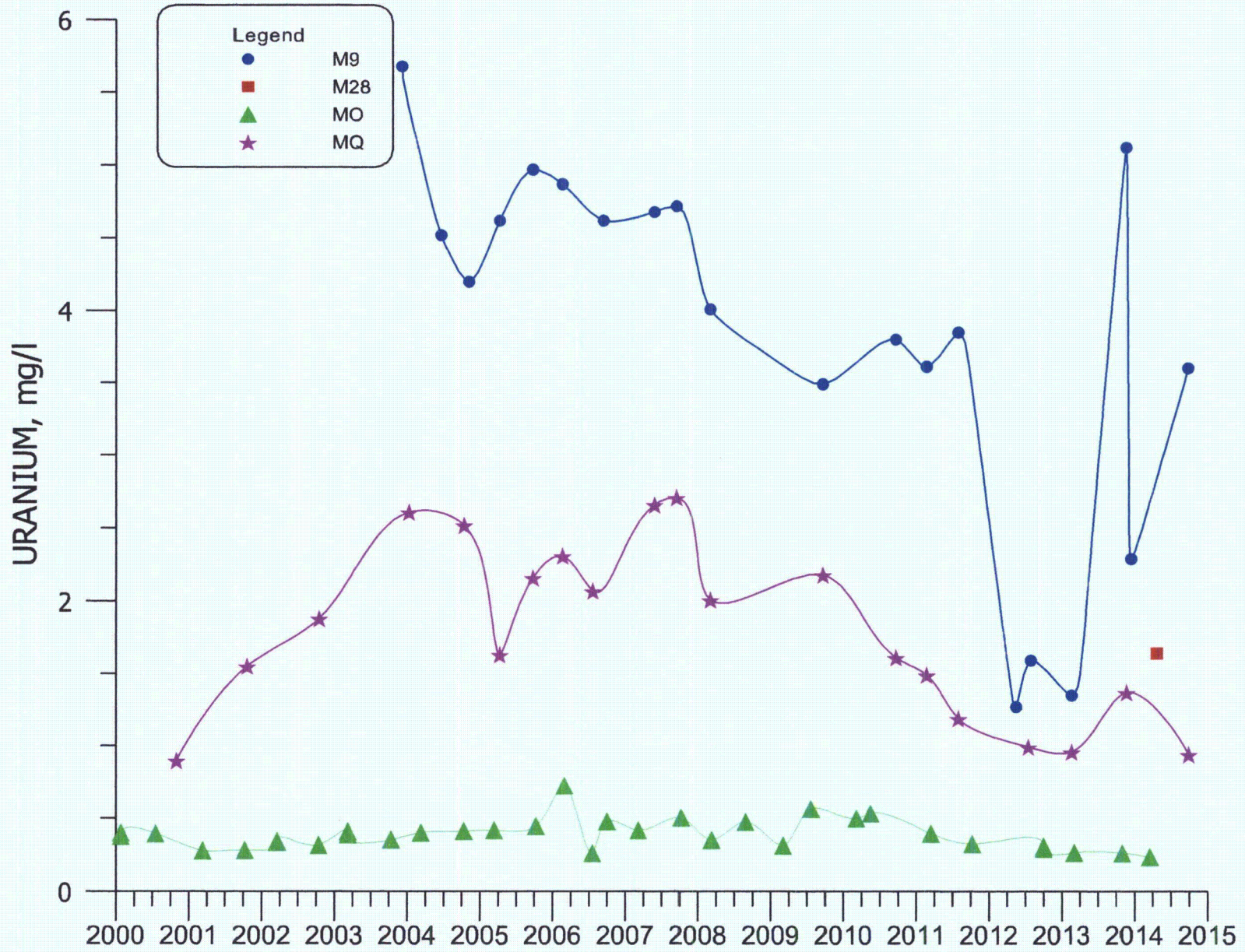


FIGURE 4.3-56. URANIUM CONCENTRATIONS FOR WELLS M9, M28, MO AND MQ..

4.3-94

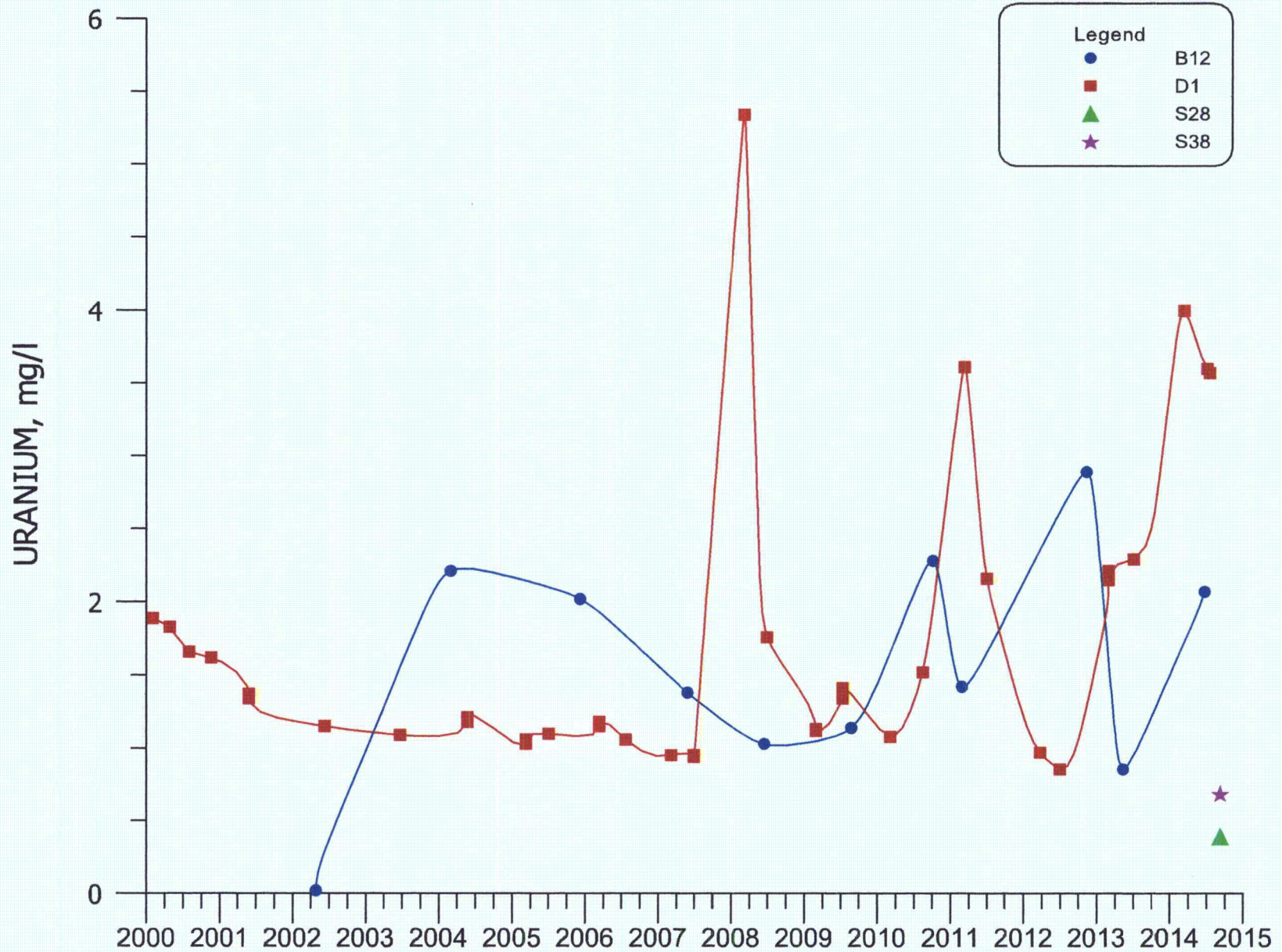


FIGURE 4.3-57. URANIUM CONCENTRATIONS FOR WELLS B12, D1, S28 AND S38.

4.3-95

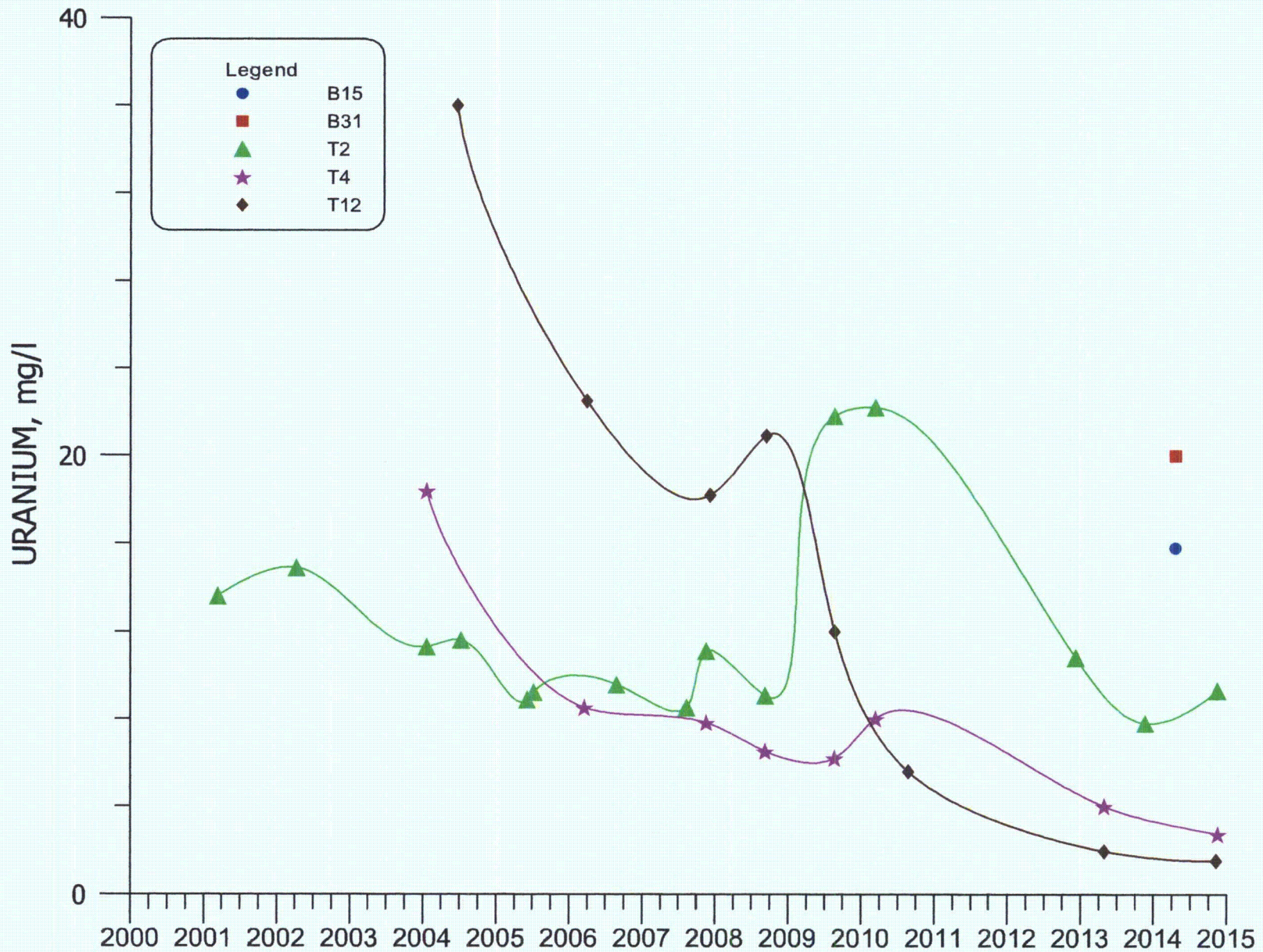


FIGURE 4.3-58. URANIUM CONCENTRATIONS FOR WELLS B15, B31, T2, T4 AND T12.

4.3-96

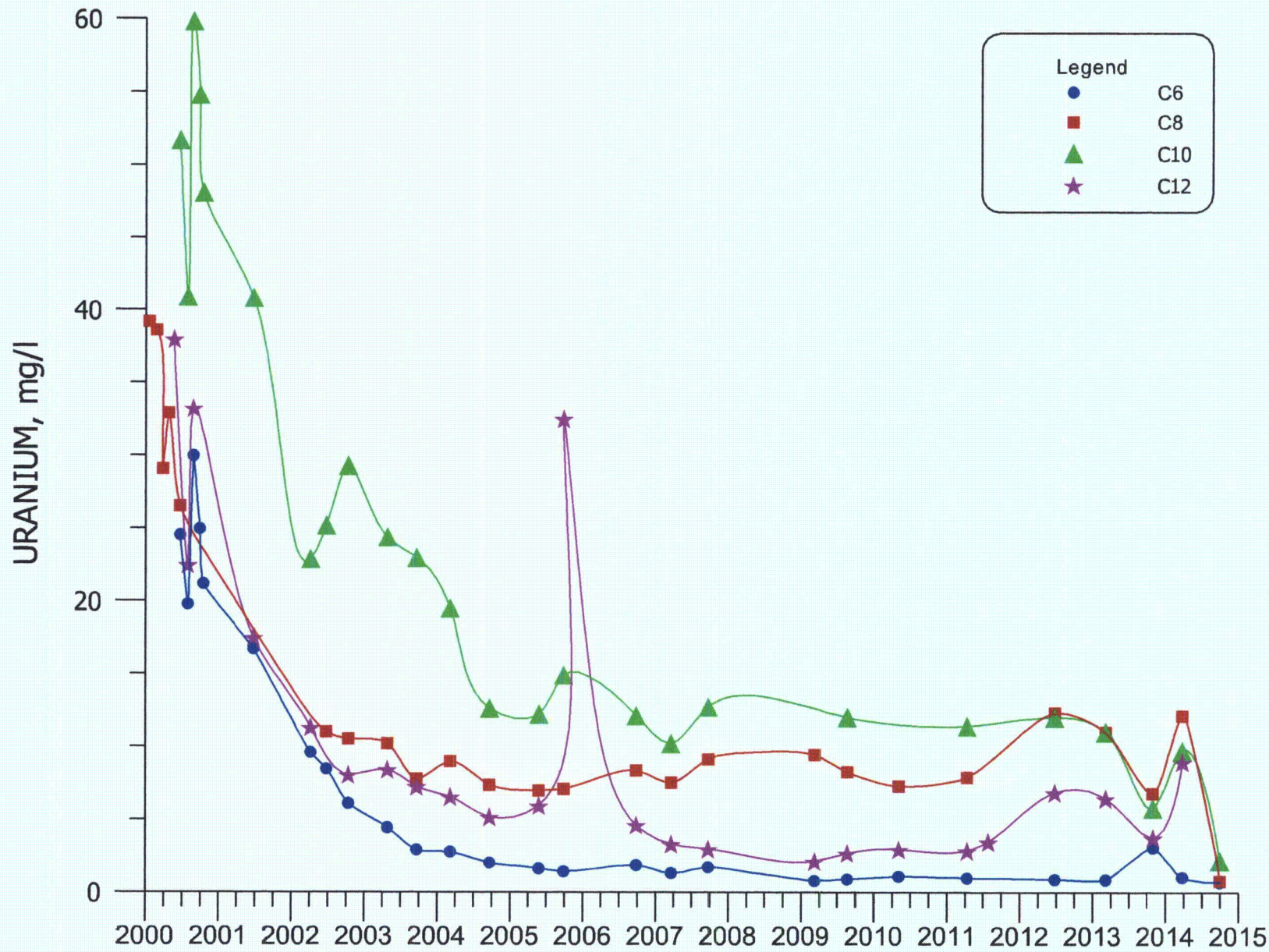


FIGURE 4.3-59. URANIUM CONCENTRATIONS FOR WELLS C6, C8, C10 AND C12.

4.3-97

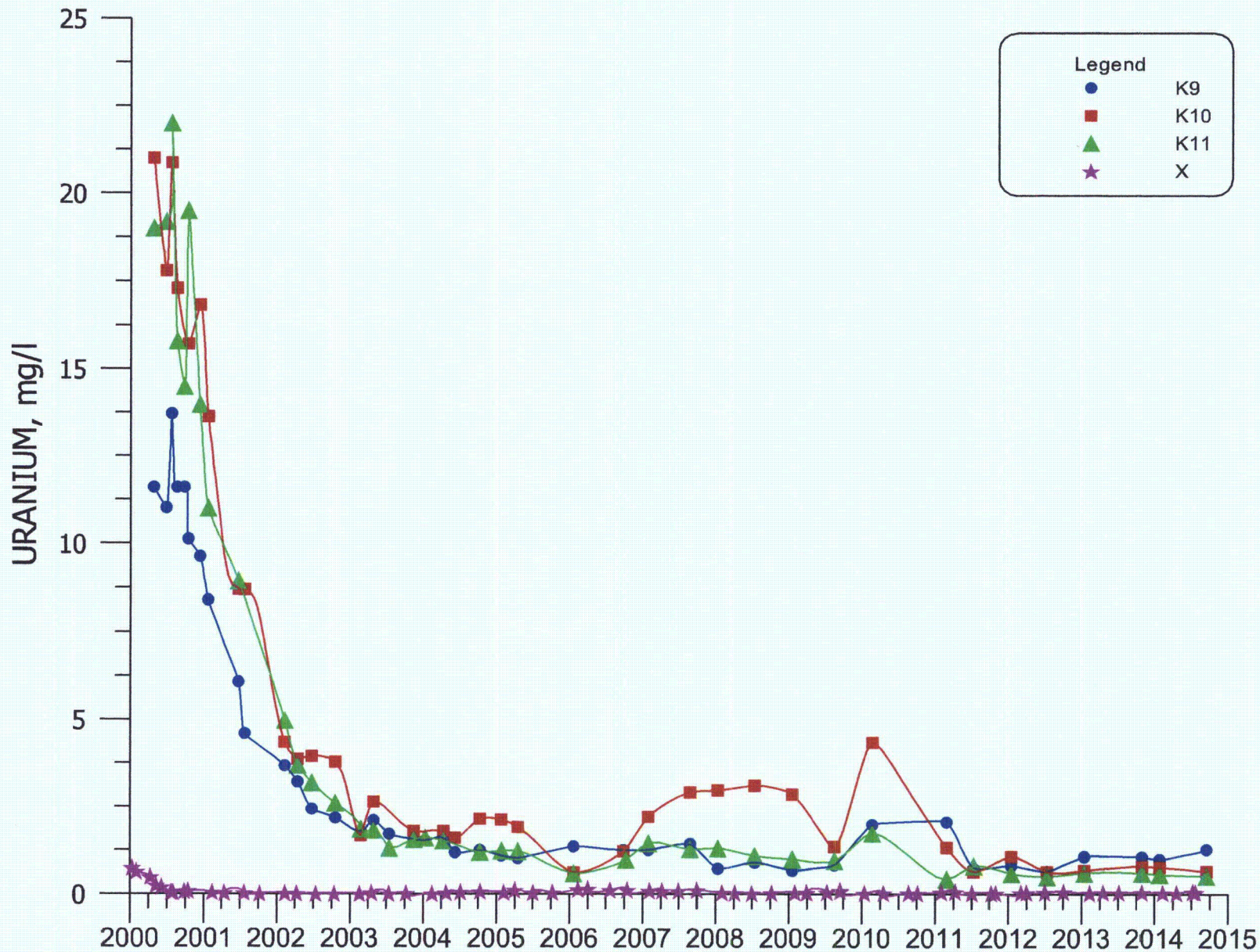


FIGURE 4.3-60. URANIUM CONCENTRATIONS FOR WELLS K9, K10, K11 AND X.

4.3-98

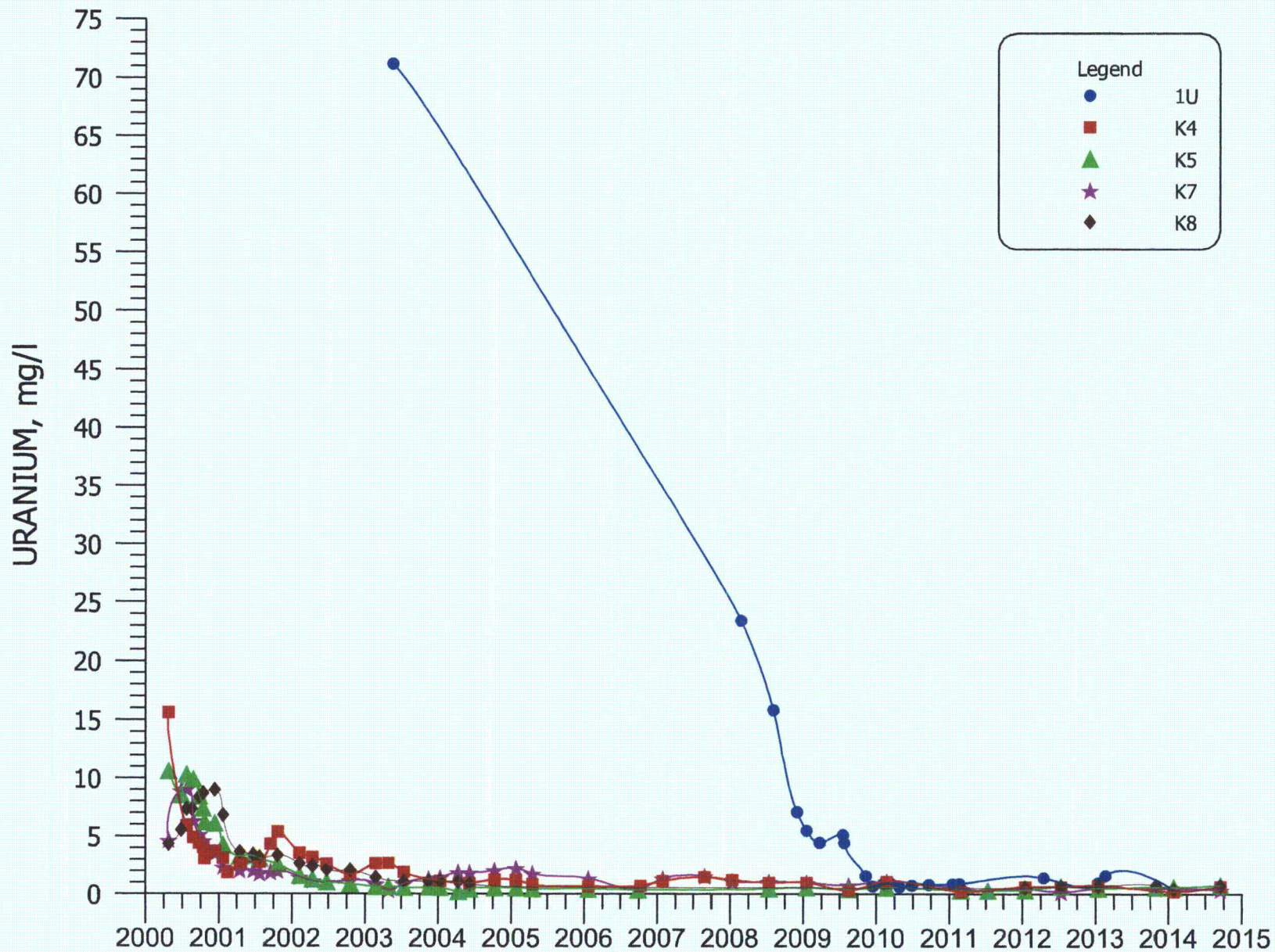


FIGURE 4.3-61. URANIUM CONCENTRATIONS FOR WELLS 1U, K4, K5, K7 AND K8.

4.3-99

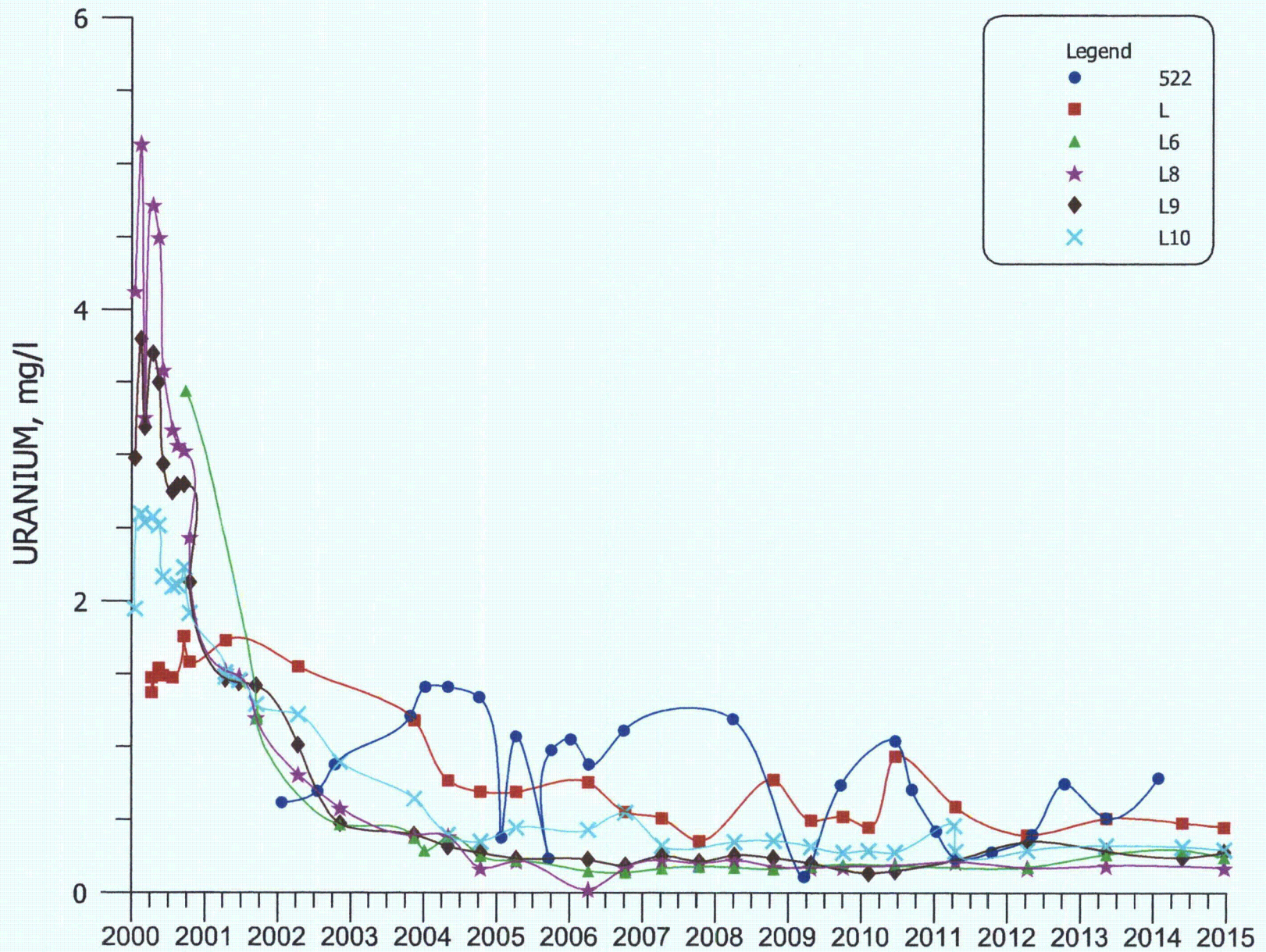


FIGURE 4.3-62. URANIUM CONCENTRATIONS FOR WELLS 522, 639, L, L8, L9, AND L10.

4.3-100

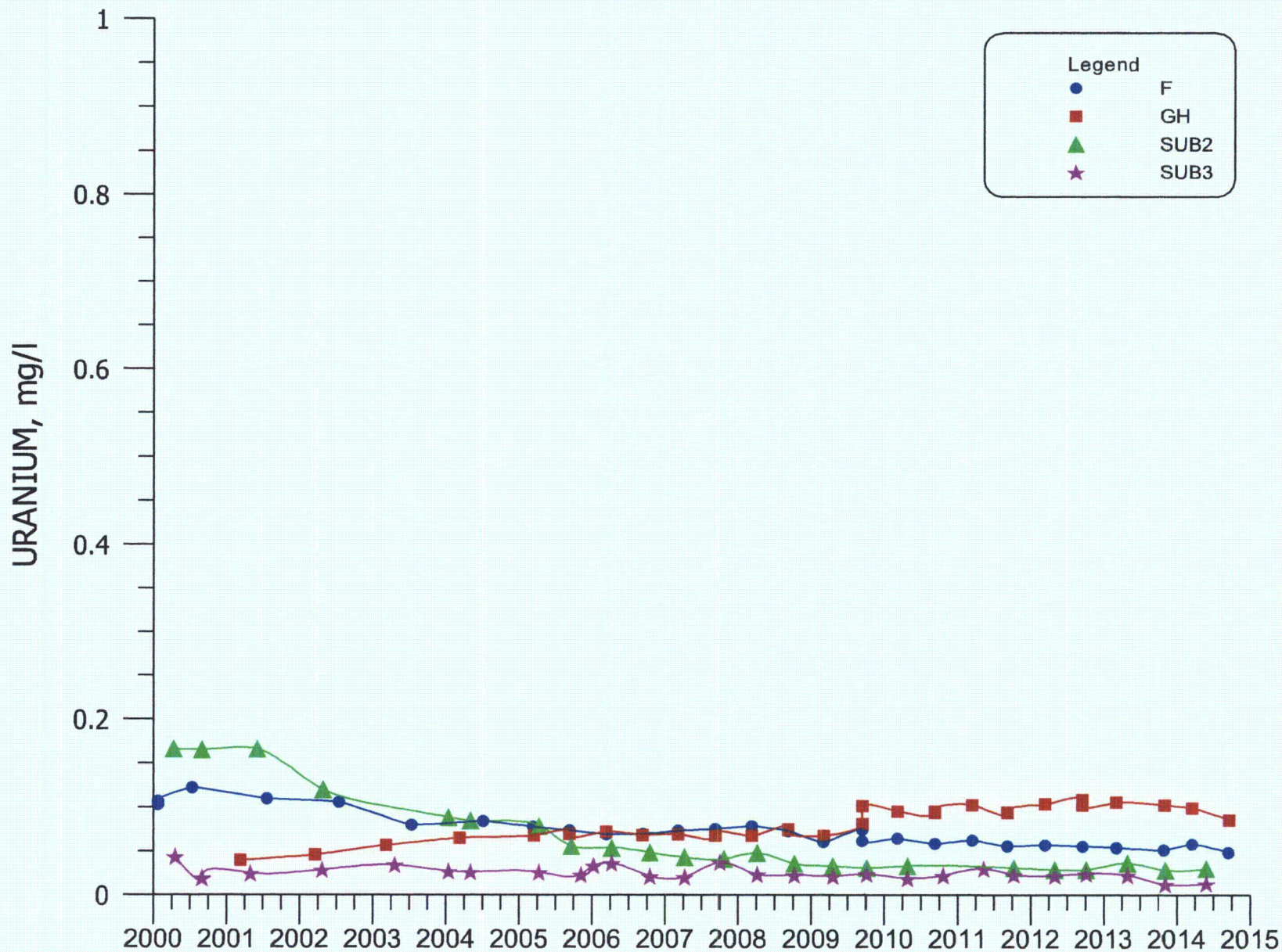


FIGURE 4.3-63. URANIUM CONCENTRATIONS FOR WELLS F, GH, SUB2, AND SUB3.

4.3-101

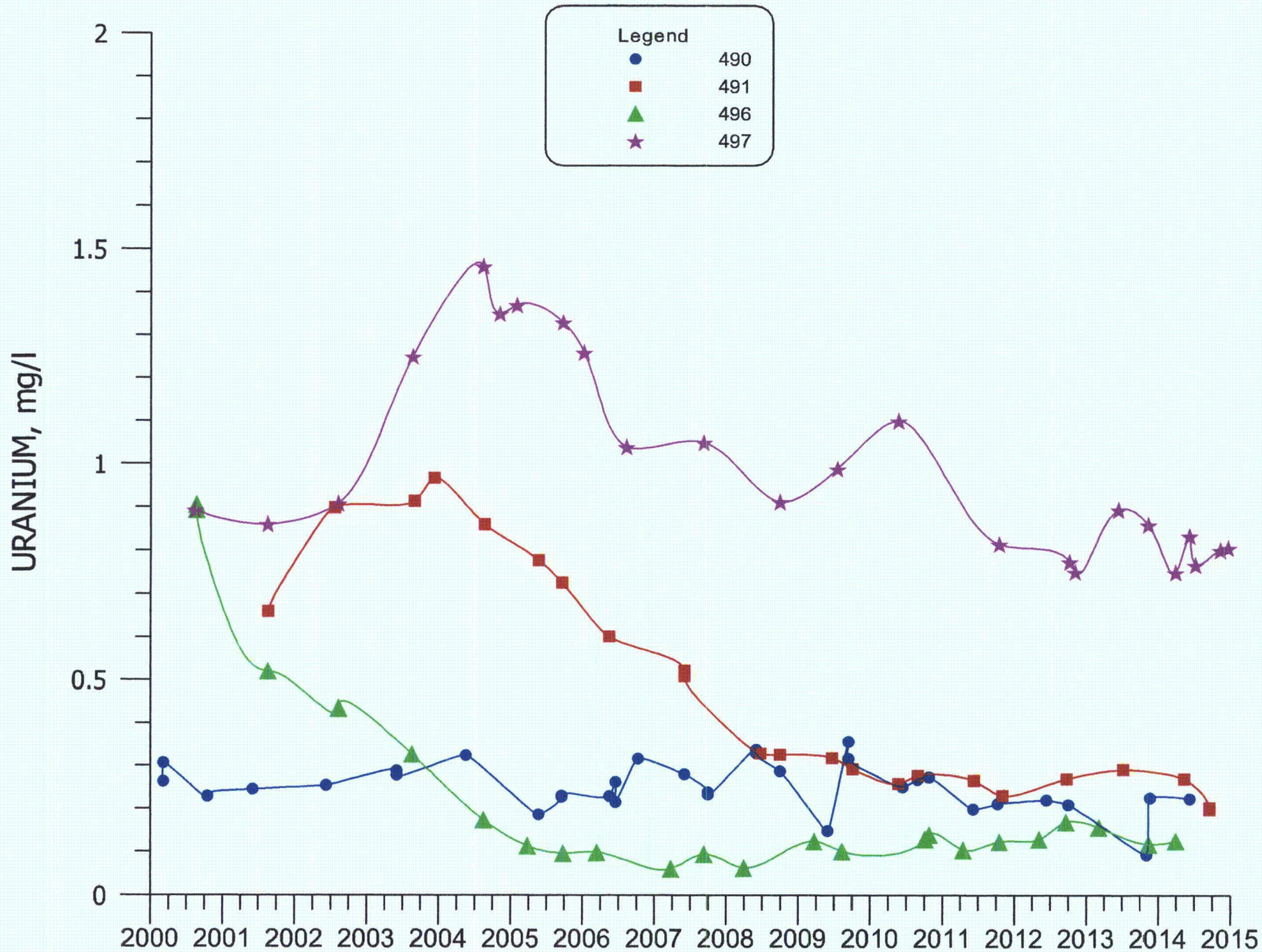


FIGURE 4.3-64. URANIUM CONCENTRATIONS FOR WELLS 490, 491, 496 AND 497.

4.3-102

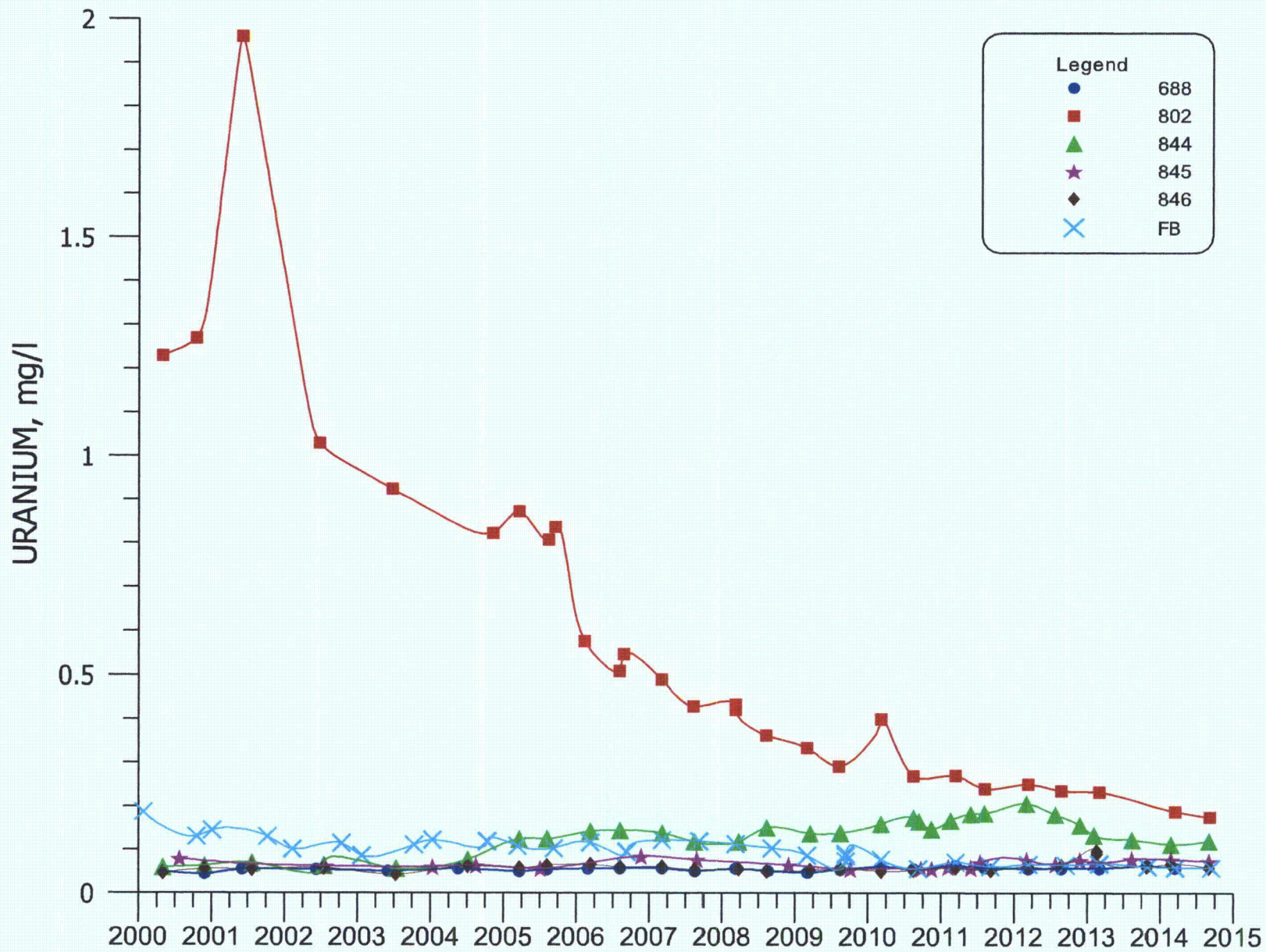


FIGURE 4.3-65. URANIUM CONCENTRATIONS FOR WELLS 688, 802, 844, 845, 846, AND FB.

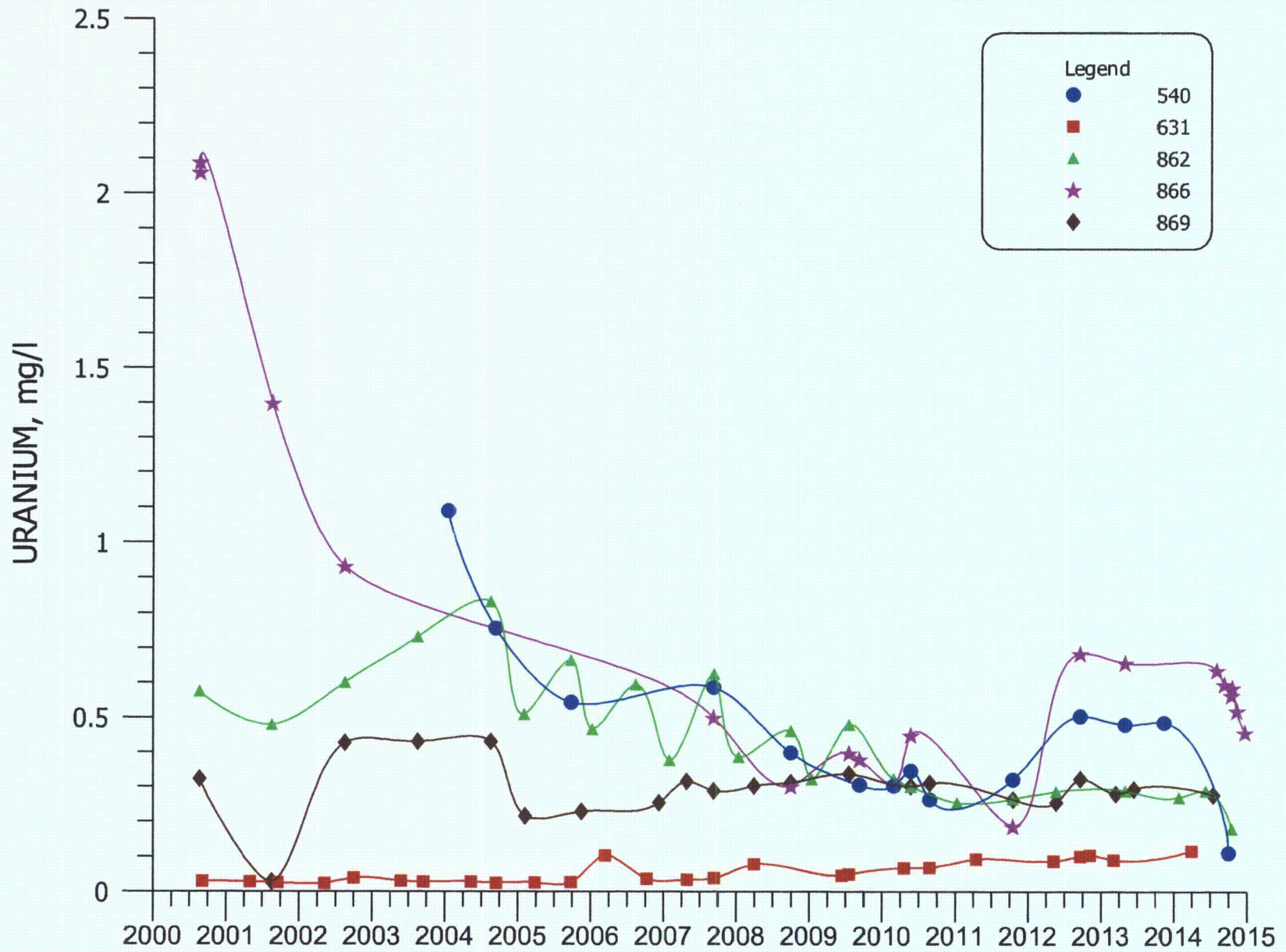


FIGURE 4.3-66. URANIUM CONCENTRATIONS FOR WELLS 540, 631, 644, 646, 866, AND 869.

4.3-104

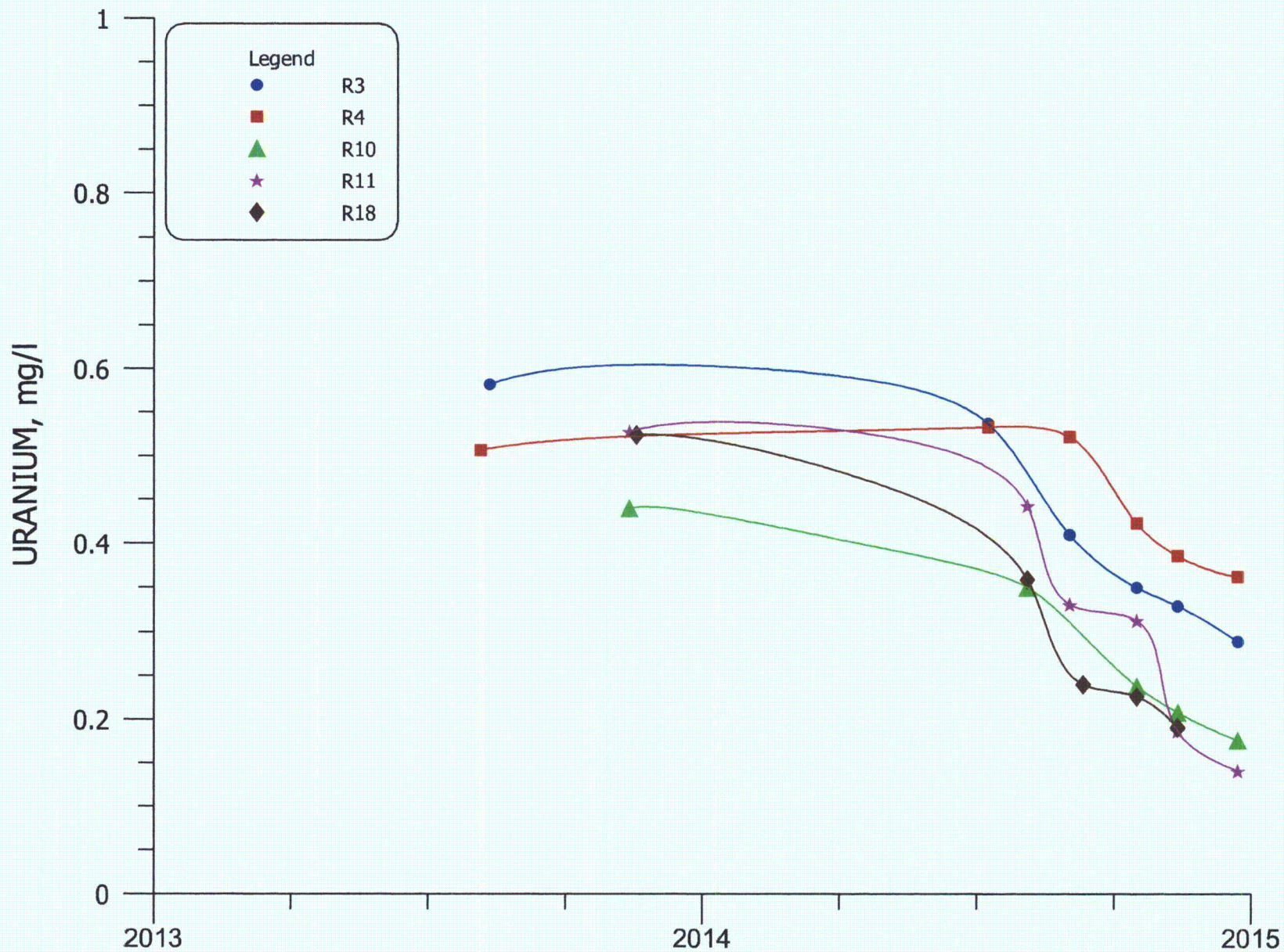


FIGURE 4.3-66A. URANIUM CONCENTRATIONS FOR WELLS R3, R4, R10, R11 AND R18.

4.3-105

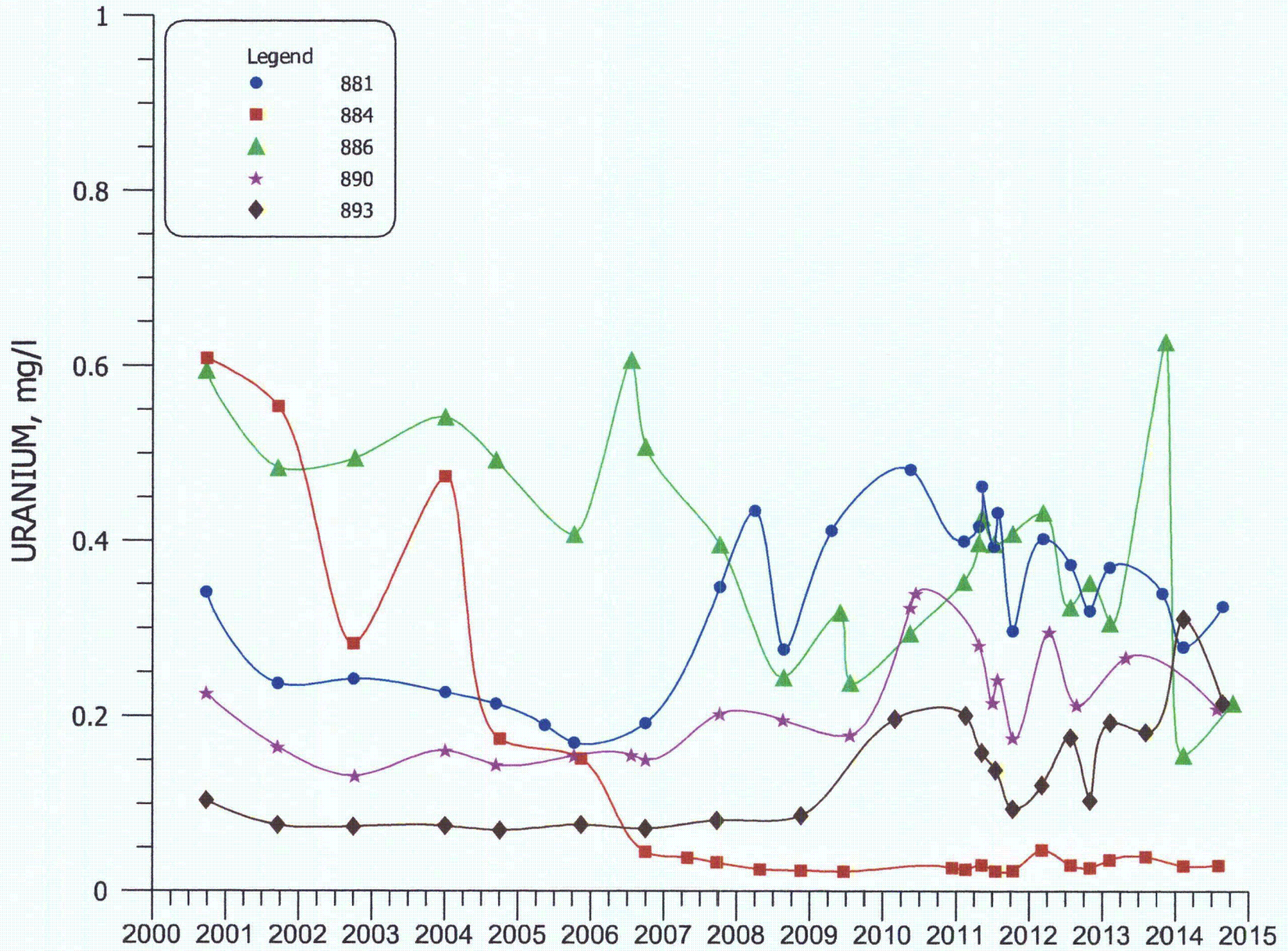


FIGURE 4.3-67. URANIUM CONCENTRATIONS FOR WELLS 881, 884, 886, 890 AND 893.

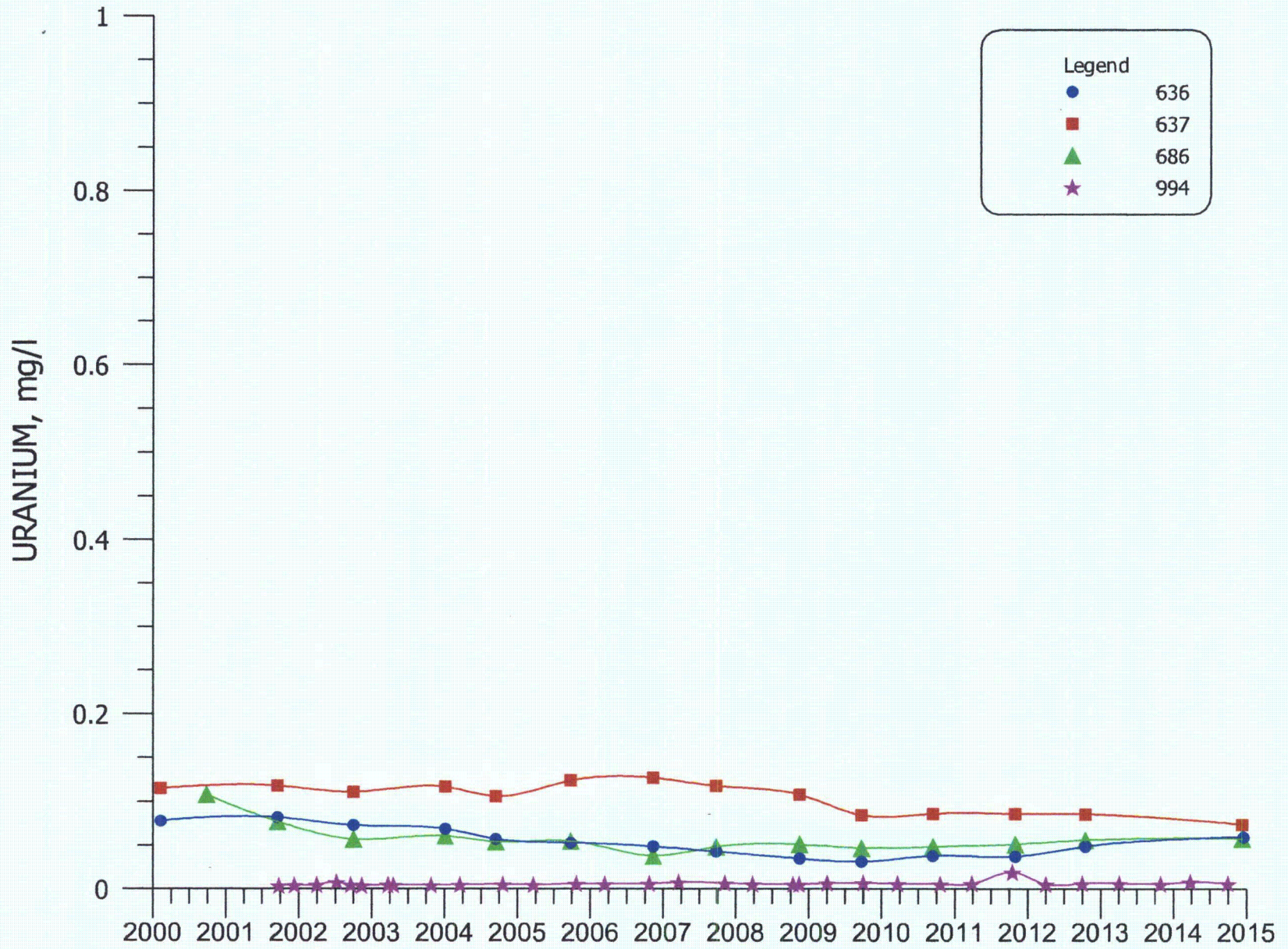


FIGURE 4.3-68. URANIUM CONCENTRATIONS FOR WELLS 636, 637, 686 AND 994.

4.3-107

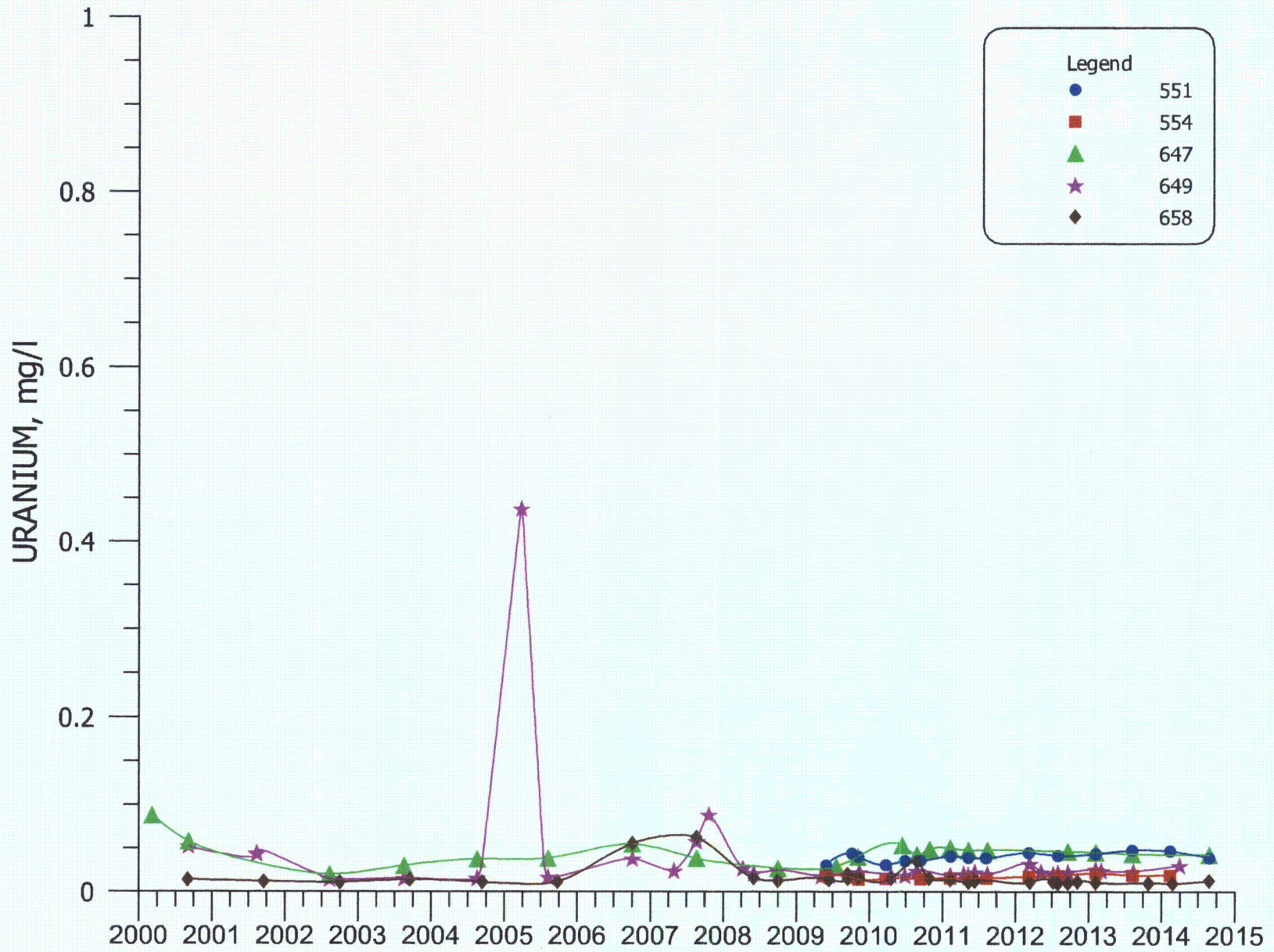
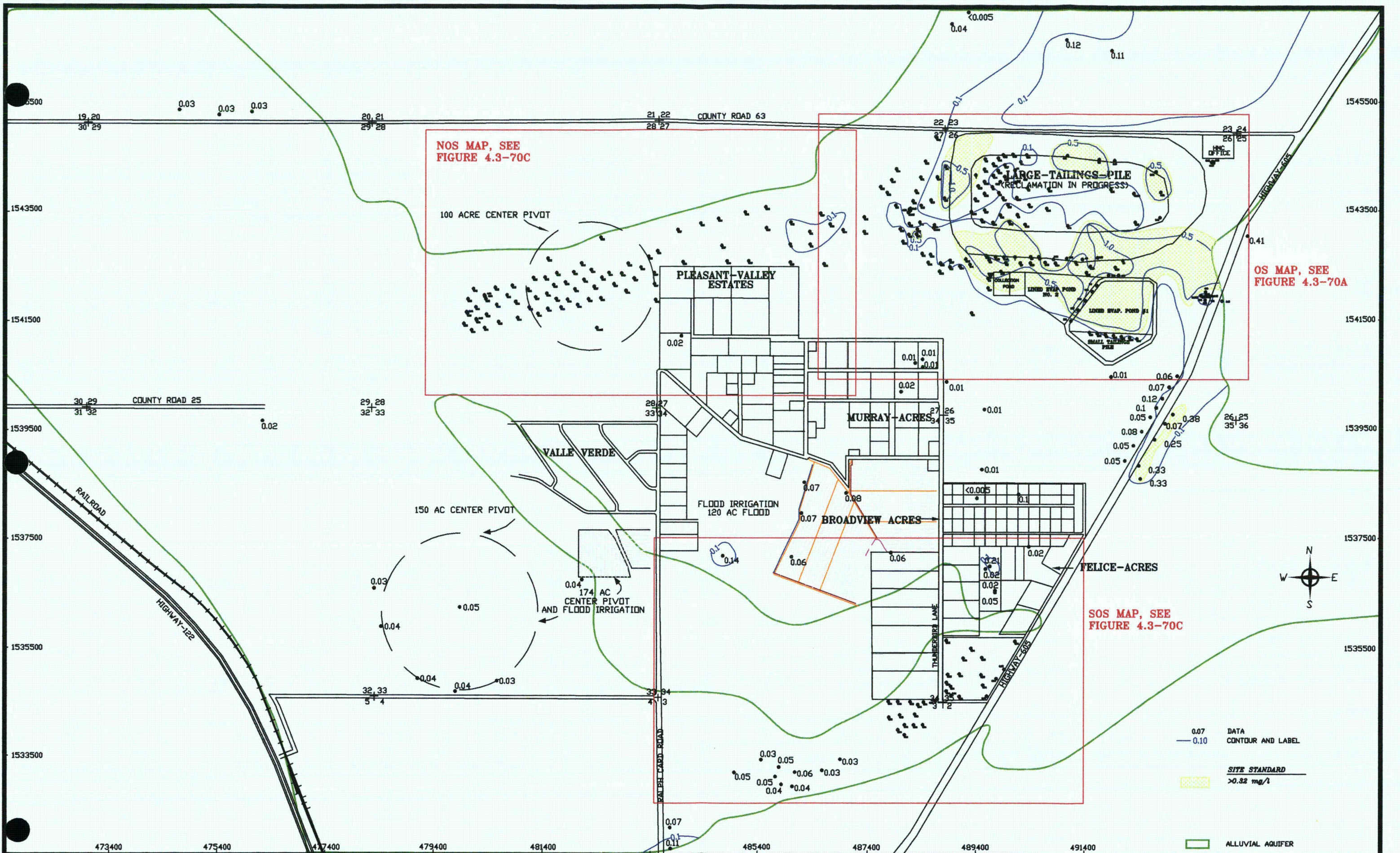


FIGURE 4.3-69. URANIUM CONCENTRATIONS FOR WELLS 551, 554, 647, 649 AND 658.



NOS MAP, SEE
FIGURE 4.3-70C

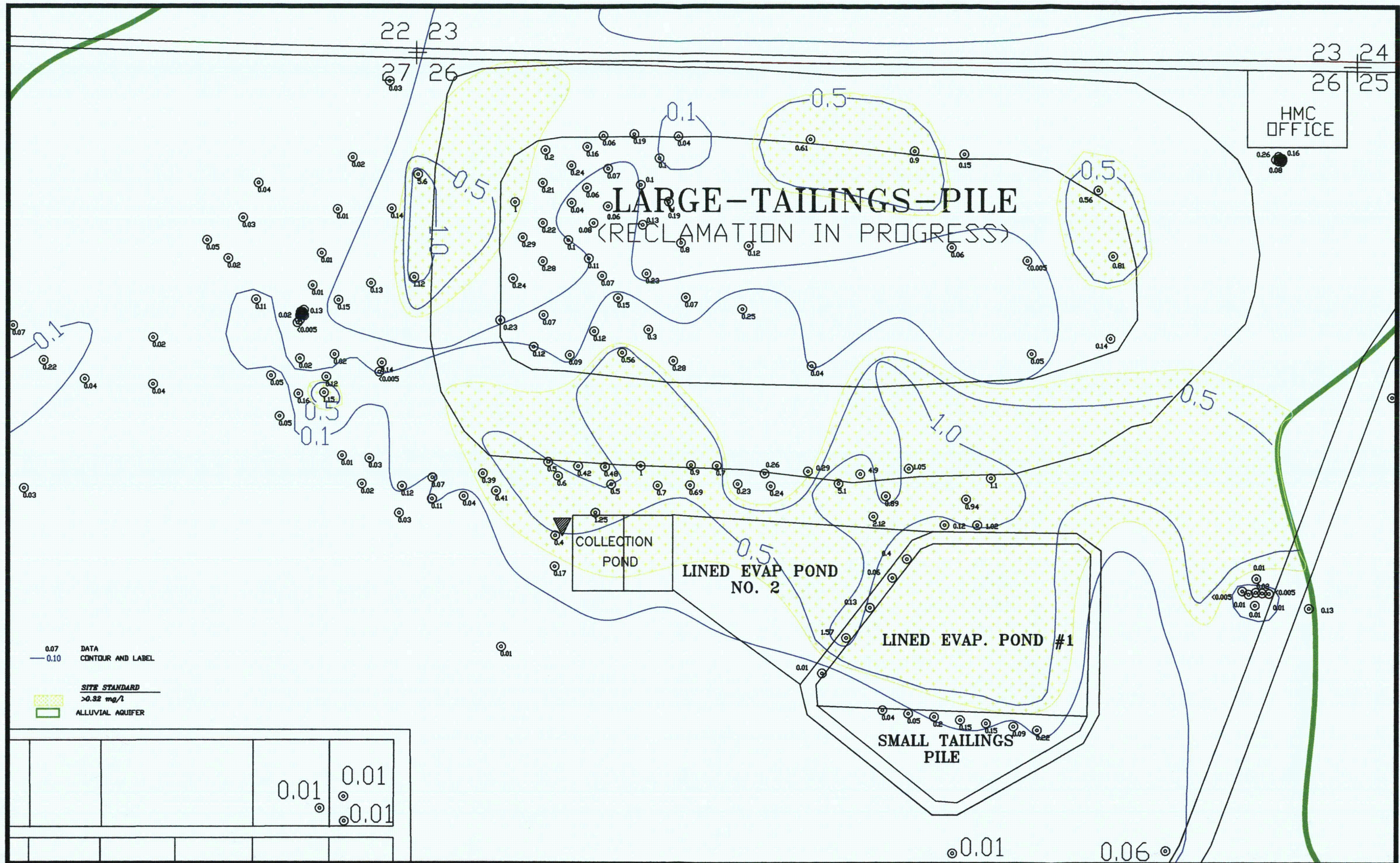
OS MAP, SEE
FIGURE 4.3-70A

SOS MAP, SEE
FIGURE 4.3-70C

- 0.07 DATA
- 0.10 CONTOUR AND LABEL
- SITE STANDARD
- >0.32 mg/l
- ALLUVIAL AQUIFER

SCALE: 1"=1600'
C:\PROJECTS\2015-06
1600QAL14
DATE: 3/10/15

FIGURE 4.3-70. SELENIUM CONCENTRATIONS OF THE ALLUVIAL AQUIFER, 2014 mg/l



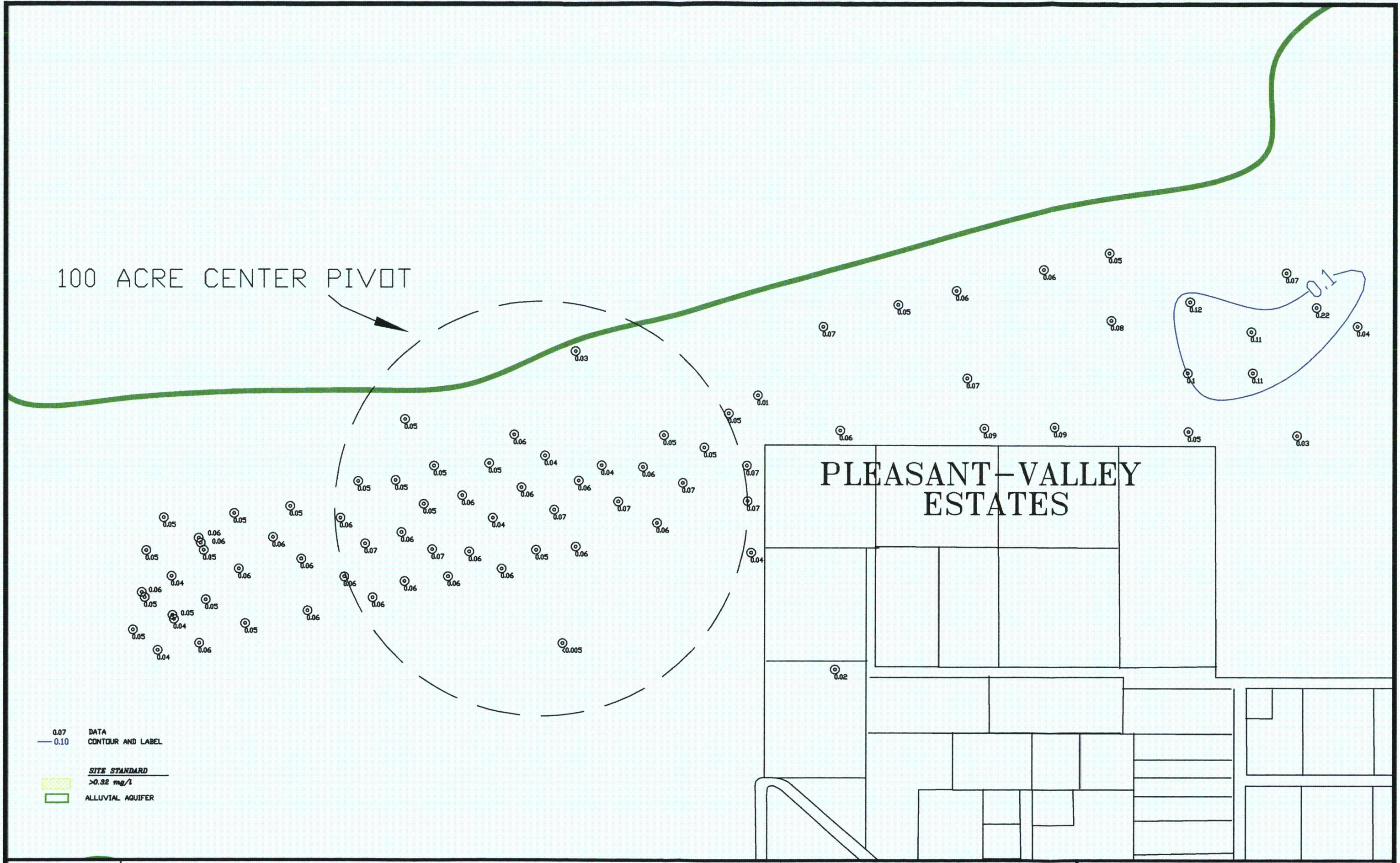
SCALE: 1"=500'
 C:\PROJECTS\2015-06
 18000AL14
 DATE: 3/10/15

FIGURE 4.3-70A. SELENIUM CONCENTRATIONS OF THE ALLUVIAL AQUIFER, OS, 2014, mg/l
 4.3-109



SCALE: 1"=500'
 C:\PROJECTS\2015-06
 1600QAL14
 DATE: 3/10/15

FIGURE 4.3-70B. SELENIUM CONCENTRATIONS OF THE ALLUVIAL AQUIFER, SOS, 2014, mg/l



100 ACRE CENTER PIVOT

PLEASANT-VALLEY
ESTATES

0.07 DATA
0.10 CONTOUR AND LABEL

SITE STANDARD
>0.32 mg/l

ALLUVIAL AQUIFER

SCALE: 1"=500'
C:\PROJECTS\2015-06
16000AL14
DATE: 3/10/15

FIGURE 4.3-70C. SELENIUM CONCENTRATIONS OF THE ALLUVIAL AQUIFER, NOS, 2014, mg/l
4.3-111

4.3-112

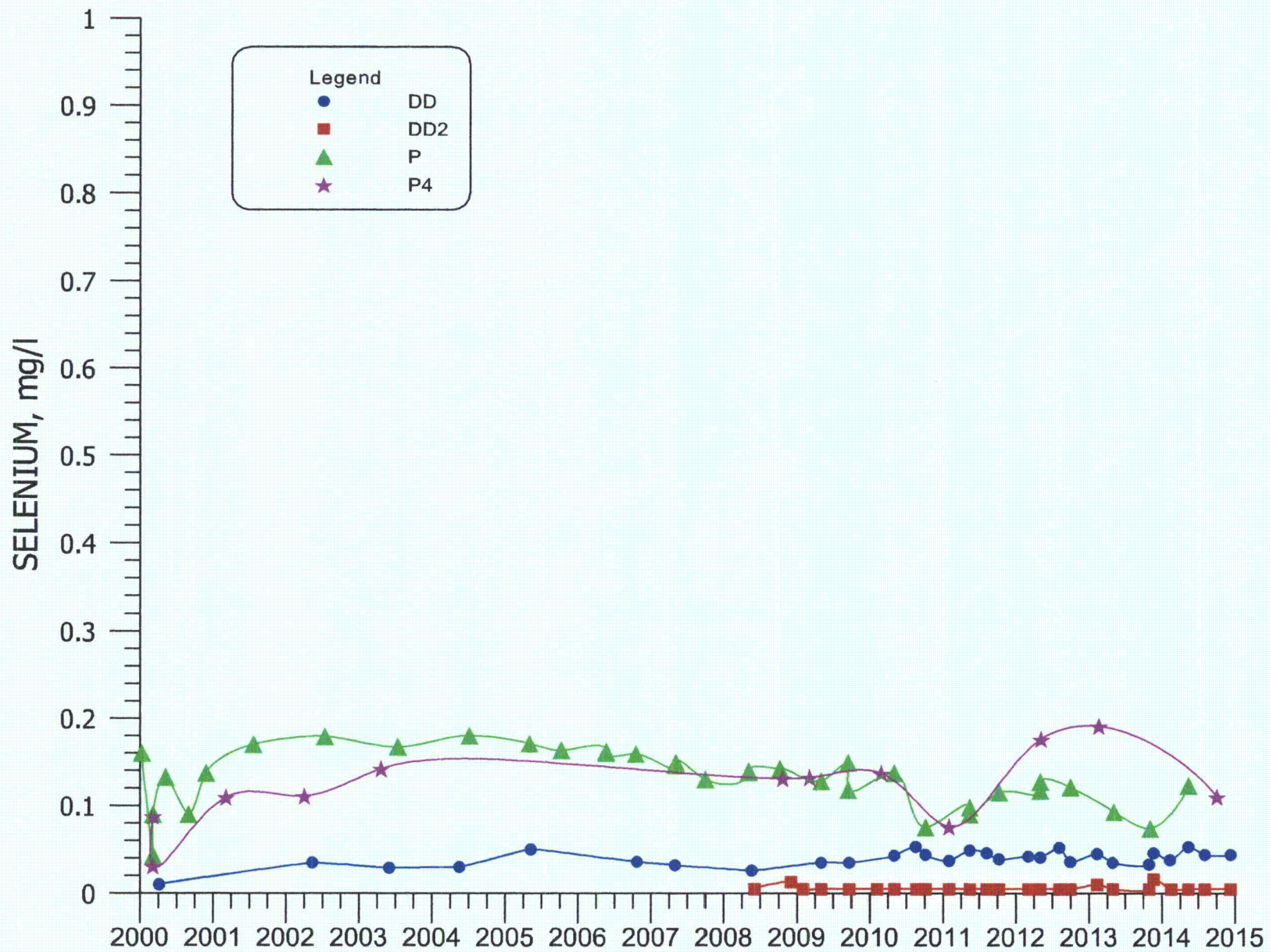


FIGURE 4.3-71. SELENIUM CONCENTRATIONS FOR WELLS DD, DD2, P AND P4.

4.3-113

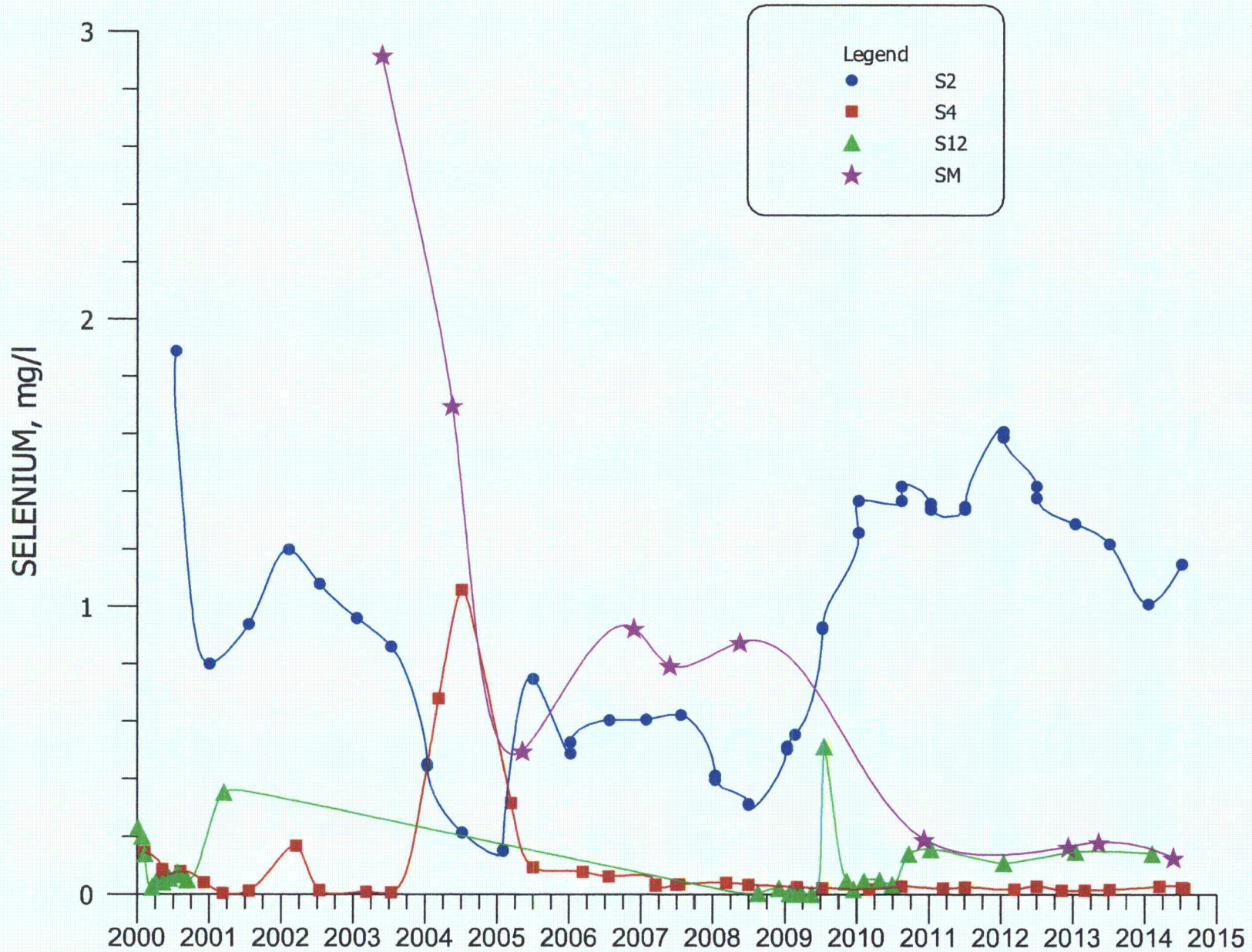


FIGURE 4.3-72. SELENIUM CONCENTRATIONS FOR WELLS S2, S4, S12 AND SM.

4.3-114

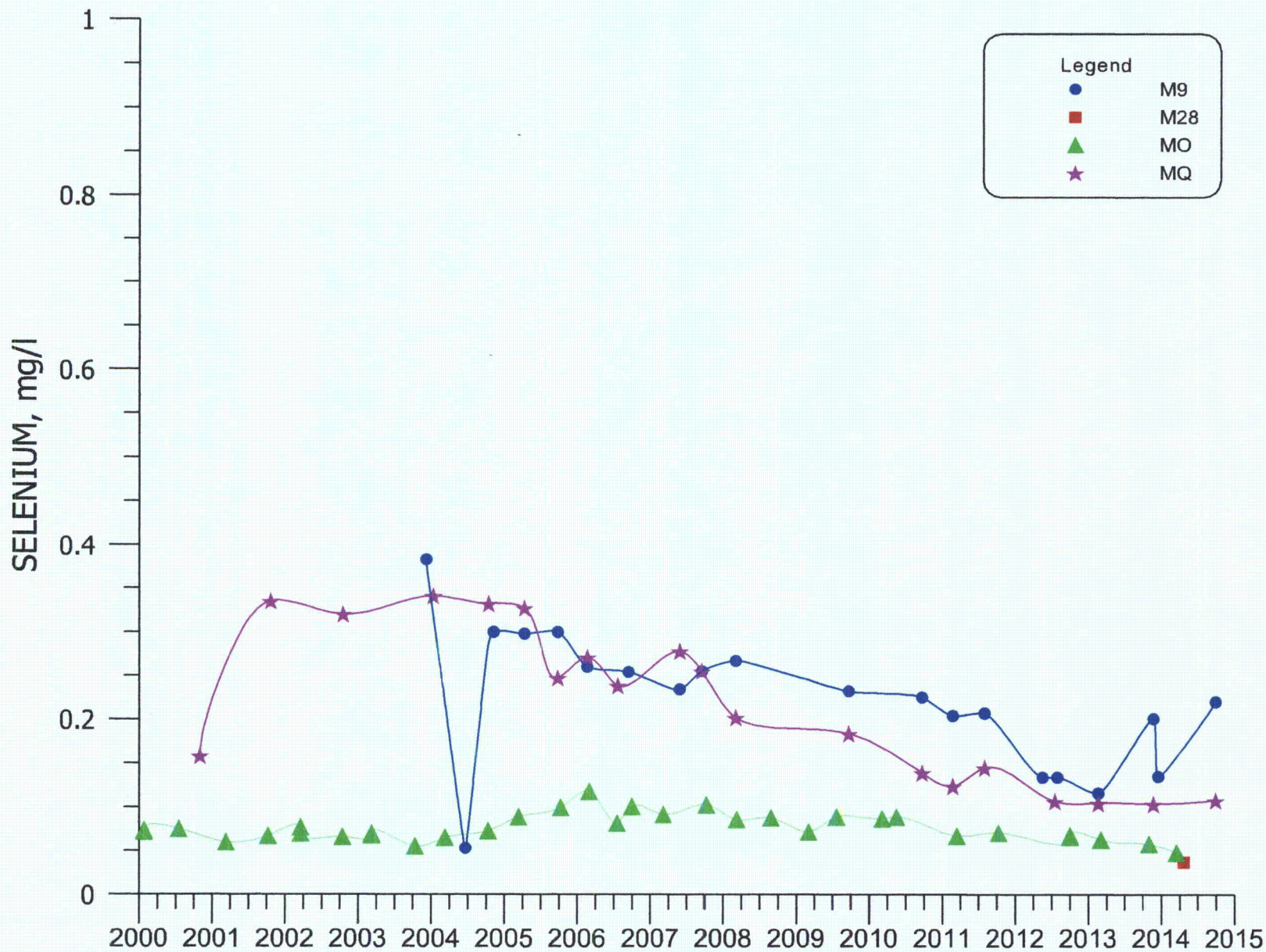


FIGURE 4.3-73. SELENIUM CONCENTRATIONS FOR WELLS M9, M28, MO AND MQ.

4.3-115

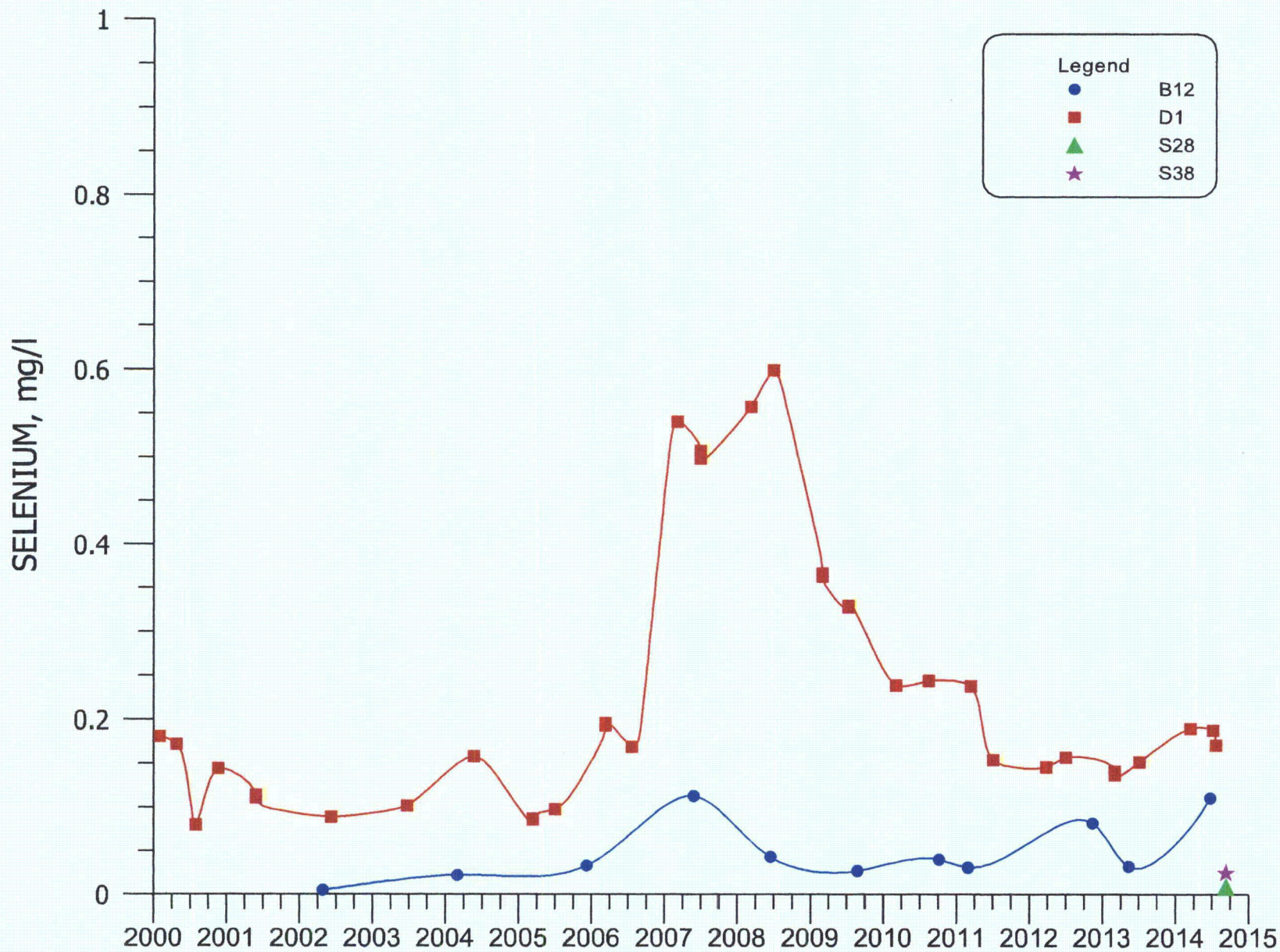


FIGURE 4.3-74. SELENIUM CONCENTRATIONS FOR WELLS B, B12, D1 AND M5.

4.3-116

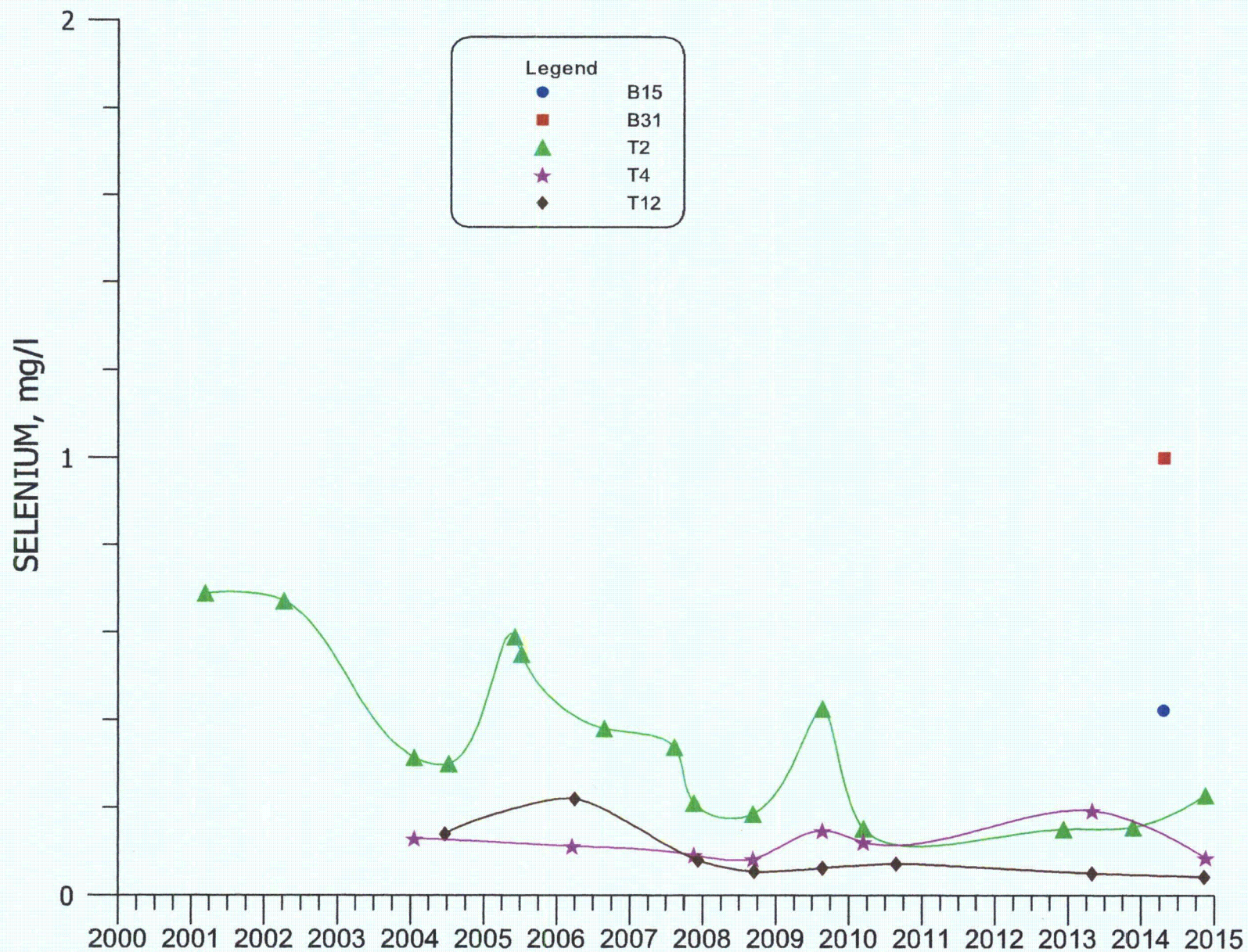


FIGURE 4.3-75. SELENIUM CONCENTRATIONS FOR WELLS B15, B31, T2, T4 AND T12.

4.3-117

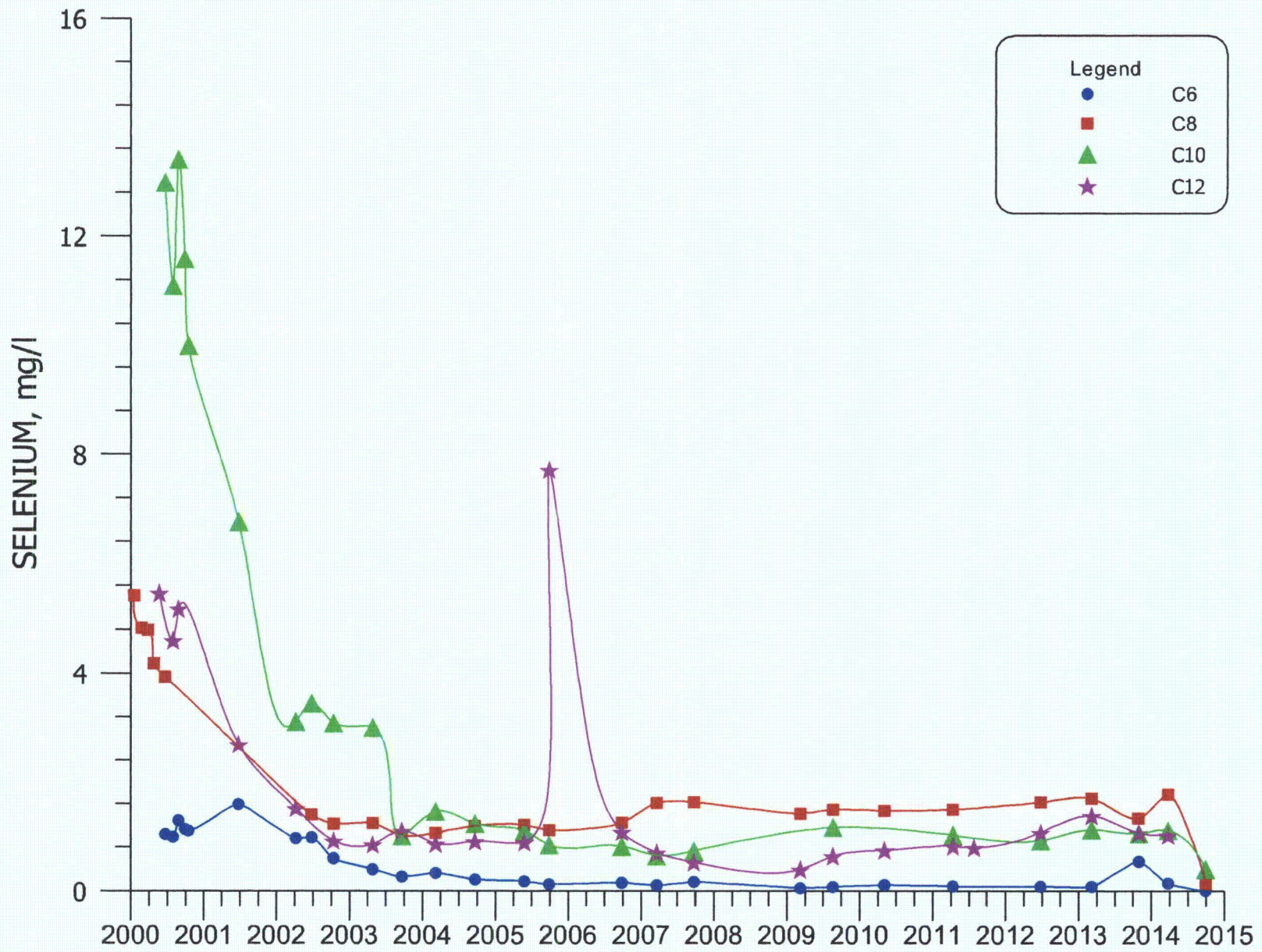


FIGURE 4.3-76. SELENIUM CONCENTRATIONS FOR WELLS C6, C8, C10 AND C12.

4.3-118

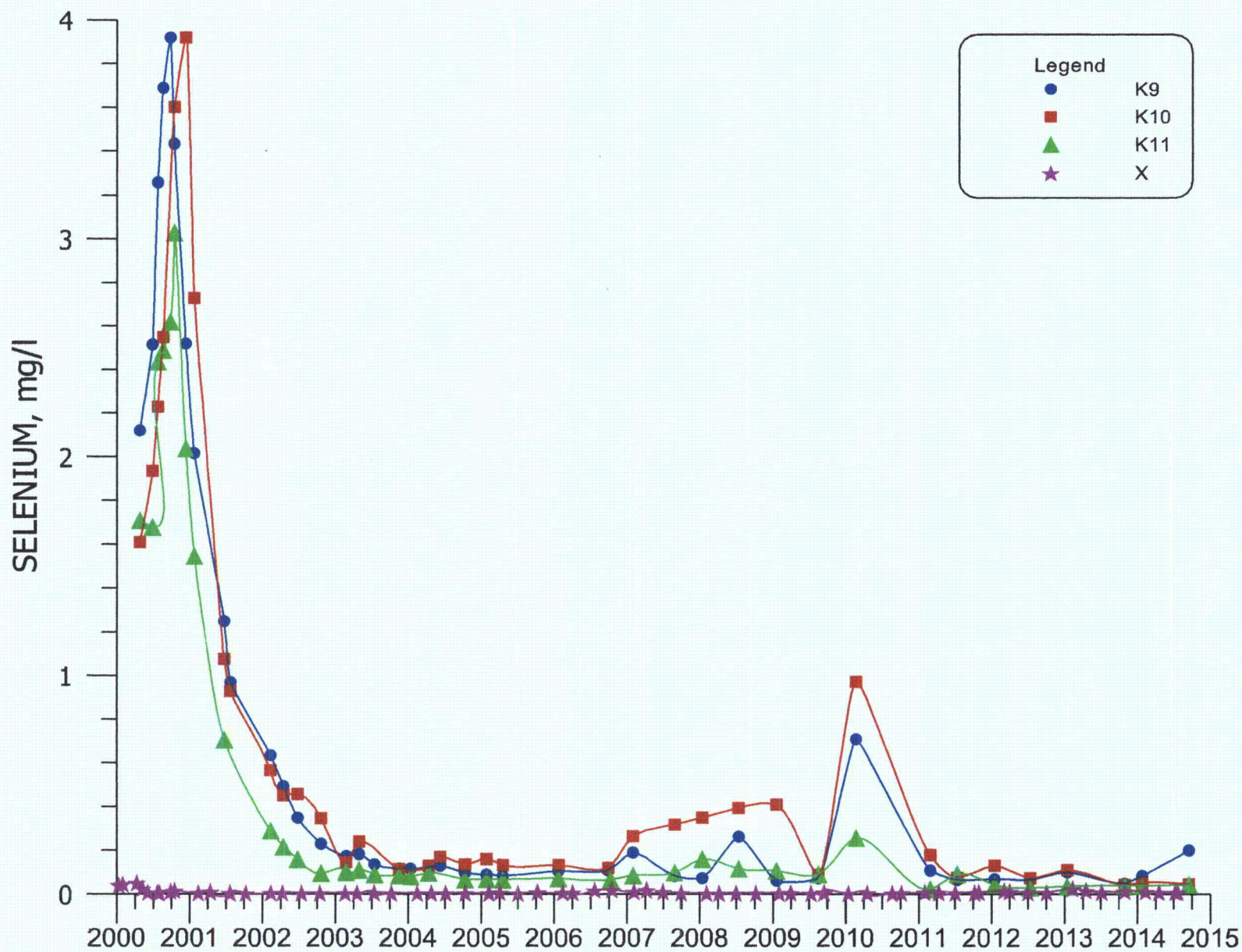


FIGURE 4.3-77. SELENIUM CONCENTRATIONS FOR WELLS K9, K10, K11 AND X.

4.3-119

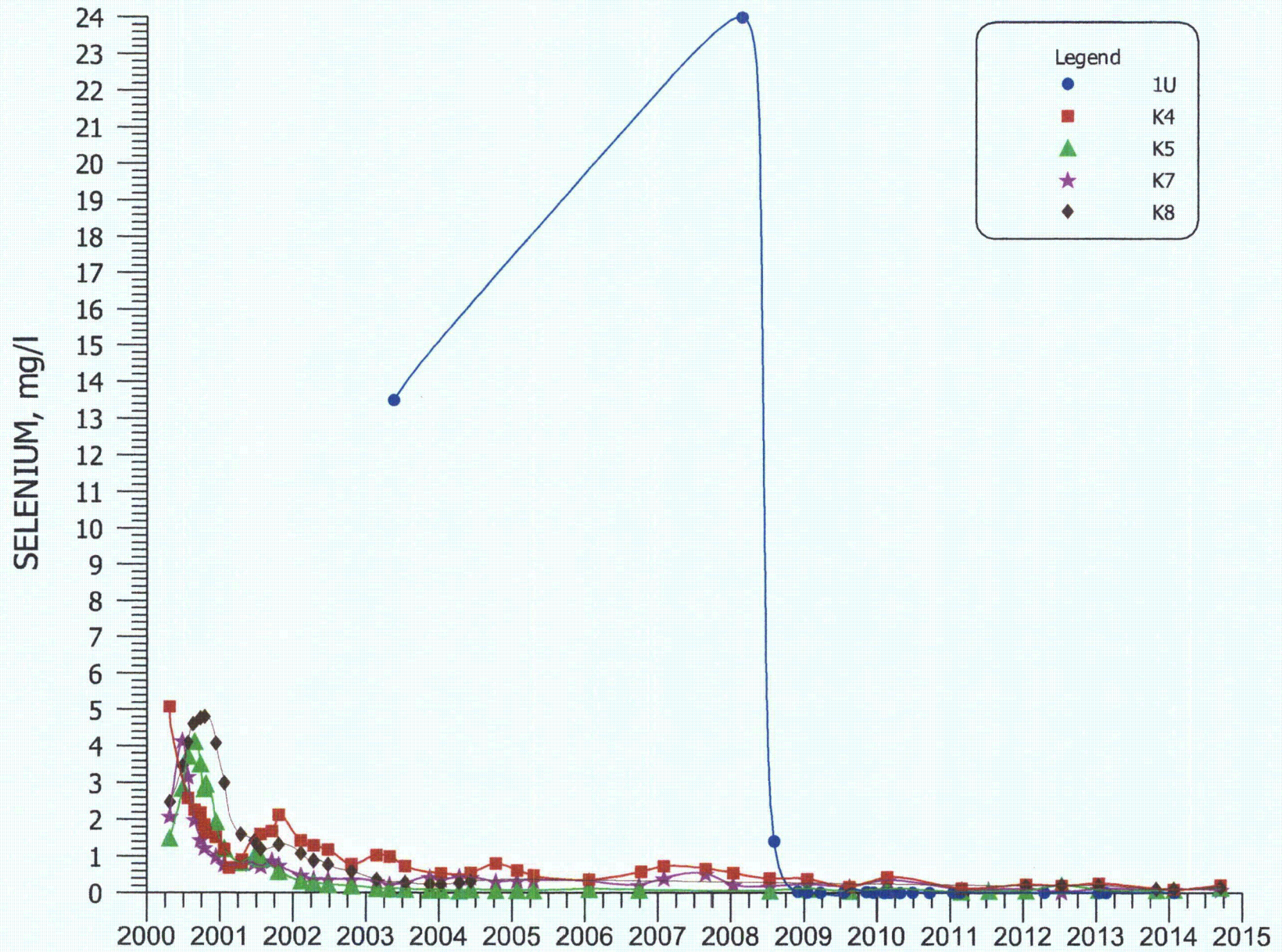


FIGURE 4.3-78. SELENIUM CONCENTRATIONS FOR WELLS 1U, K4, K7, K9 AND K10.

4.3-120

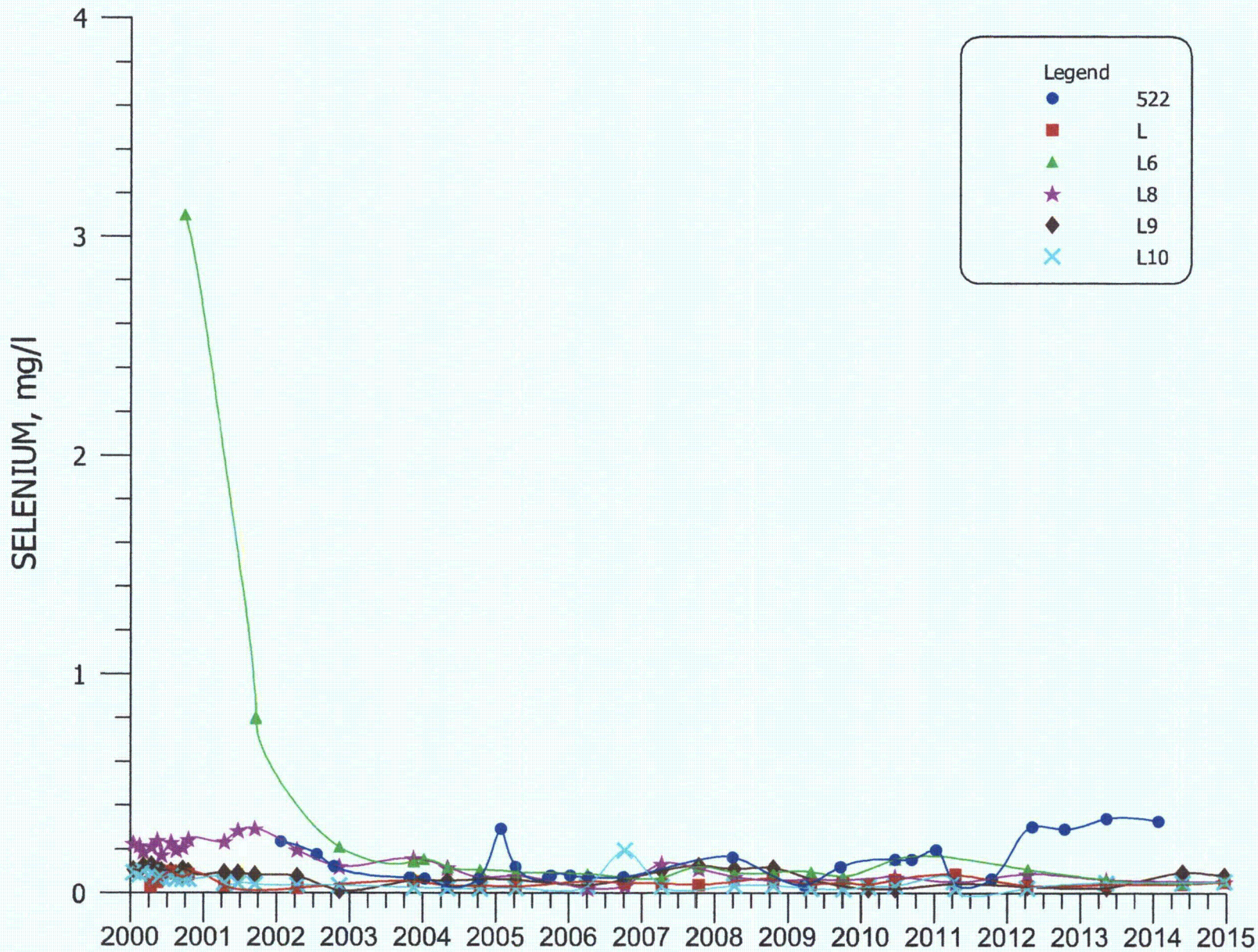


FIGURE 4.3-79. SELENIUM CONCENTRATIONS FOR WELLS 522, L, L6, L8, L9, AND L10.