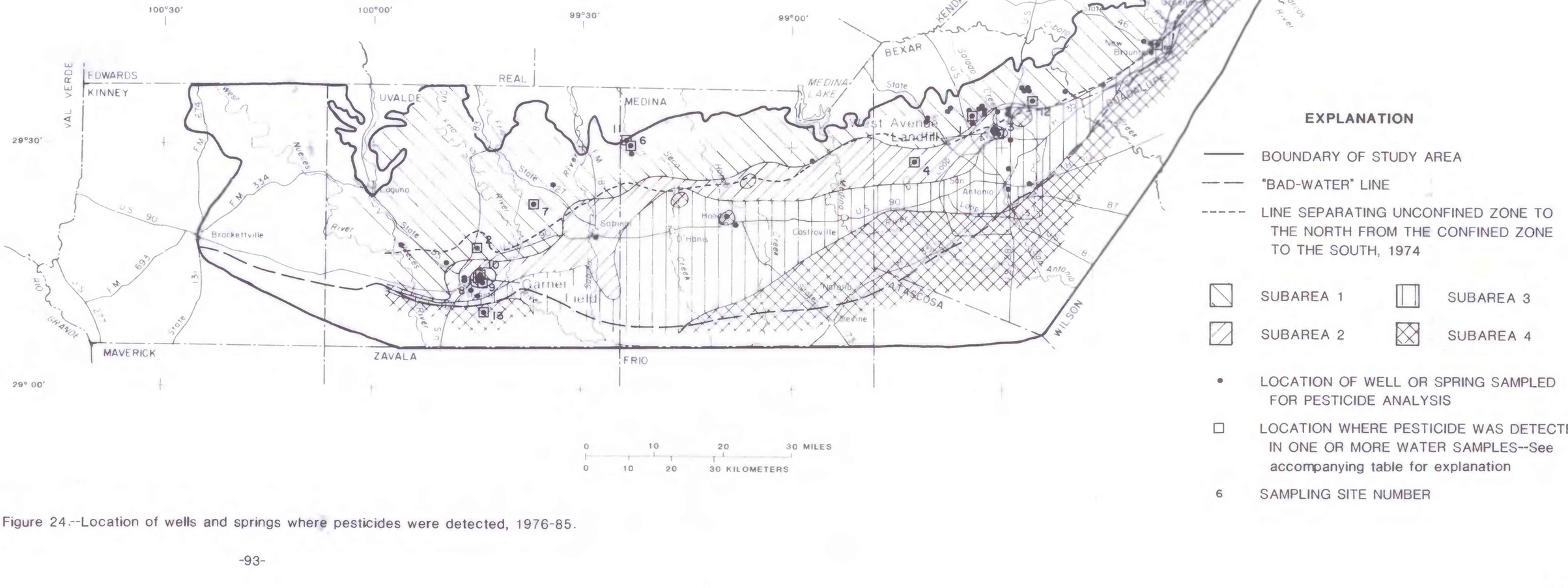
87-4116

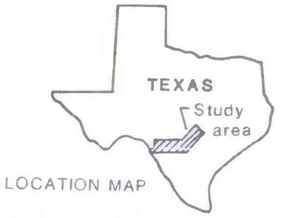
DESCRIPTIONS OF PESTICIDE OCCURRENCES, 1976-85

Site	Local well number	Year sampled	Subarea	Land-use group	Well depth (feet below land surface)	Pesticide	Concentration (microgram per liter)
1	AY-68-28-512	1979	1	Industrial	400	Endosulfan	0.03
2	YP-69-42-606	1984	2	Cropland	525	Silvex	.04
3	AY-68-28-903	1984	2	Large-city urban	760	2,4-D	.04
4	AY-68-35-102	1978	2	Forest and rangeland	796	2,4-D	.11
5	DX-68-23-301	1981	3	Small-city urban	spring	2,4-D	.16
6	TD-69-29-901	1984	1/ 1	Forest and rangeland	700	2,4-D	.03
7	YP-69-36-702	1981	1	Cropland	538	2,4-D	.01
8	YP-69-51-104	1984	1	Small-city urban	430	2,4-D	.03
9	YP-69-51-107	1984	1	Small-city urban	310	2,4-D	.03
10	YP-69-51-114	1984	1	Small-city urban	565	2,4-D	.04
11	Woodard Cave-1	1977	1	Forest and rangeland	cave	DDE	.01
12	AY-68-29-210	1977	1	Forest and rangeland	329	Diazinon	.05
13	Leona Springs	1985	2/ 3	Cropland	spring	Atrazine	.4

NOTE: Mapped occurrences are those that are equal to or greater than the 1984 detection limit for each pesticide.

1/ Well TD-69-29-901 is open to both the Edwards aquifer and the upper Glen Rose Formation.
2/ Leona Springs discharge originates from the Leona Gravel. Cross-formational flow from the Salmon Peak Formation (Edwards aquifer) is the principal source of water in the Leona Gravel.





EXPLANATION

- BOUNDARY OF STUDY AREA
- "BAD-WATER" LINE
- LINE SEPARATING UNCONFINED ZONE TO THE NORTH FROM THE CONFINED ZONE TO THE SOUTH, 1974
- SUBAREA 1
- SUBAREA 2
- SUBAREA 3
- SUBAREA 4
- • LOCATION OF WELL OR SPRING SAMPLED FOR PESTICIDE ANALYSIS
- □ LOCATION WHERE PESTICIDE WAS DETECTED IN ONE OR MORE WATER SAMPLES--See accompanying table for explanation
- 6 SAMPLING SITE NUMBER

Figure 24.--Location of wells and springs where pesticides were detected, 1976-85.