

**TABLE C.2.2–3.—Suspected COCs in Pantex Plant Ogallala Aquifer Wells,
Groundwater Analysis for 1990 to 1994**

LOCATION	DATE	PARAMETER	UNITS	# OF SAMPLES	VALUE	DECISION CRITERIA	RISK REDUCTION STANDARDS
15-20	1994	Copper	mg/L	2	0.046	1	0.04
15-20	1993	Copper	mg/L	6	0.076	1	0.04
15-20	1990	Copper	mg/L	7	0.28	1	0.04
15-20	1991	Copper	mg/L	2	0.3	1	0.04
15-16	1991	Iron	mg/L	6	0.33	0.3	1.9
OW-WR-40	1993	Iron	mg/L	13	0.53	0.3	1.9
OW-WR-39	1993	Iron	mg/L	13	0.72	0.3	1.9
OW-WR-39	1991	Iron	mg/L	10	0.92	0.3	1.9
OW-WR-40	1991	Iron	mg/L	10	0.97	0.3	1.9
15-26	1991	Iron	mg/L	6	1.1	0.3	1.9
15-26	1992	Iron	mg/L	6	1.1	0.3	1.9
OW-WR-39	1992	Iron	mg/L	10	1.4	0.3	1.9
OW-WR-39	1994	Iron	mg/L	14	1.49	0.3	1.9
OW-WR-40	1990	Iron	mg/L	11	2.1	0.3	1.9
OW-WR-39	1990	Iron	mg/L	11	2.7	0.3	1.9
15-20	1991	Lead	mg/L	2	0.019	0.015	0.1
OW-WR-39	1992	Lead	mg/L	10	0.023	0.015	0.1
OW-WR-39	1993	Lead	mg/L	13	0.029	0.015	0.1
15-20	1992	Lead	mg/L	6	0.031	0.015	0.1
OW-WR-39	1990	Lead	mg/L	11	0.066	0.015	0.1
15-26	1990	Lead	mg/L	5	0.088	0.015	0.1
OW-WR-40	1991	pH		10	8.5	6.5-8.5	NA
OW-WR-39	1990	Zinc	mg/L	11	10	5	30.7

Sources: MH 1991; Battelle 1992; Battelle 1993; DOE 1994a; DOE 1995; USCOE 1994a; USCOE 1995; USCOE 1995a