

## LIST OF FIGURES

<i>Figure No.</i>	<i>Title</i>	<i>Page</i>
2.1	Galveston Bay system with bays, tributaries, and water quality segments	18
2.2	Historical BOD <sub>5</sub> loadings to Houston Ship Channel	20
3.1	Example of self-reporting data (permitted conditions) received from the Texas Water Commission	45
3.2	Example of self-reporting data (reported data) received from the Texas Water Commission	46
3.3	Example of permit information stripped from original file	47
3.4	Example of permitted parameters file stripped from original file	48
3.5	Example of self-reporting data stripped from original file	49
3.6	Estimates vs. reported industrial loading of BOD <sub>5</sub> into Galveston Bay in 1990	66
3.7	Estimates vs. reported municipal loading of BOD <sub>5</sub> into Galveston Bay in 1990	67
3.8	Location of USGS stream gauges in Greater Houston area	78
3.9	Location of USGS gauging stations in Lake Houston watershed	79
4.1	Estimated loads of BOD <sub>5</sub> into Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	126
4.2	Estimated loads of BOD <sub>5</sub> into Galveston Bay from tributaries in the Houston area from 1969 through 1988	127
4.3	Estimated total suspended solids loads to Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	128
4.4	Estimated total suspended solids loads to Galveston Bay from tributaries in the Houston area from 1969 through 1988	129
4.5	Estimated total nitrogen loads to Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	130
4.6	Estimated total nitrogen loads into Galveston Bay from tributaries in the Houston area from 1969 through 1988	132
4.7	Estimated total phosphorus loads to Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	133
4.8	Estimated total phosphorus loads to Galveston Bay from tributaries in the Houston area from 1969 through 1988	134
4.9	Estimated dissolved arsenic loads to Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	135
4.10	Estimated dissolved arsenic loads to Galveston Bay from tributaries in the Houston area from 1969 through 1988	136
4.11	Estimated dissolved cadmium loads to Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	137

4.12	Estimated dissolved cadmium loads to Galveston Bay from tributaries in the Houston area from 1969 through 1988	138
4.13	Estimated dissolved chromium loads to Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	139
4.14	Estimated dissolved chromium loads to Galveston Bay from tributaries in the Houston area from 1969 through 1988	140
4.15	Estimated dissolved copper loads to Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	141
4.16	Estimated dissolved copper loads to Galveston Bay from tributaries in the Houston area from 1969 through 1988	142
4.17	Estimated dissolved iron loads to Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	143
4.18	Estimated dissolved iron loads to Galveston Bay from tributaries in the Houston area from 1969 through 1988	144
4.19	Estimated dissolved lead loads to Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	145
4.20	Estimated dissolved lead loads to Galveston Bay from tributaries in the Houston area from 1969 through 1988	146
4.21	Estimated dissolved mercury loads to Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	147
4.22	Estimated dissolved mercury loads to Galveston Bay from tributaries in the Houston area from 1969 through 1988	148
4.23	Estimated dissolved zinc loads to Galveston Bay from the Trinity River at Romayor and the San Jacinto River from 1969 through 1988	149
4.24	Estimated dissolved zinc loads to Galveston Bay from tributaries in the Houston area from 1969 through 1988	150