

## LIST OF TABLES

Table 1.1: Highway 2000 Structures: Box Culverts – Kingston to Bushy Park (0+000 to 22+000).....	7
Table 1.2: Highway 2000 Structures: Bridges – Kingston to Bushy Park (0+000 to 22+000) (OV = Overpass; UD = Underpass).....	8
Table 2.1: Date and Location of Air Quality Sampling Stations.....	16
Table 2.2: Location of the Water Quality Sampling Stations.....	17
Table 5.1: Mean Monthly Rainfall - mm (1951- 1980).....	37
Table 5.2: Monthly Rainfall Data for Kingston & St. Andrew 1996-2000 (mm).....	38
Table 5.3: Monthly Rainfall Data for St. Catherine 1996-2000 (mm).....	39
Table 5.4: Estimated Maximum 24-Hour Rainfall (mm).....	40
Table 5.5: Design Volumes of Precipitation for the Kingston -Bushy Park Alignment...	40
Table 5.6: Climatic Data.....	41
Table 5.7: Peak Flow at Return Periods - Minor Gullies.....	45
Table 5.8: Air Quality Data (February 18, 2002).....	47
Table 5.9: Noise levels detected (February 18, 2000).....	48
Table 5.10: Water Quality Data for the Rio Cobre, Black River and Coleburn Gully ...	50
Table 5.11: Dominant Tree Species Identified.....	54
Table 5.12: List of birds observed along the Highway 2000 alignment.....	56
Table 5.13: Reptiles and Amphibians Previously Reported from the vicinity of the Proposed Highway alignment .....	58
Table 5.14: Population Size and Growth, St. Andrew (1970- 2000).....	67
Table 5.15: Population Size and Growth, St. Catherine (1970- 2000) .....	68
Table 5.16: Listed Sites along the Highway 2000 Alignment, Kingston to Bushy Park.....	79

Table 6.1: Impact Matrix .....109

**LIST OF FIGURES**

Figure 1.1: Alignment of Highway 2000: Kingston to Bushy Park (0+000 to 22+000)...5

Figure 2.1: Air Quality and Noise Sampling Stations.....18

Figure 2.2: Water Quality Sampling Stations.....20

Figure 5.1: Hydrostratigraphy .....43

Figure 5.2: World Bank Guidelines Illustration .....49

Figure 5.4: Portland Bight Protected Area Boundary .....60

Figure 6.1: Illustration of Dispersion of Dust and Emissions .....92

Figure 6.2: Illustration of the Effect of Vegetative Barriers on Vehicle Emissions .....93