APPENDIX B
AIR EMISSIONS MODELING ISOPLETHS

Number	Pollutant Modeled	Model Used and Assumptions[1]
Exhibit 22.1. Page 1	SO_2 Maximum Annual Concentrations	ISC Prime, maximum potential emissions, no refinery reductions
Exhibit 22.1, Page 2	SO_2 Maximum 24-hour Concentration	ISC Prime, maximum potential emissions, no refinery reductions
Exhibit 22.1, Page 3	SO_2 Maximum 3-hour Concentration	ISC Prime, maximum potential emissions, no refinery reductions
Exhibit 22.1, Page 4	SO_2 Maximum One-hour Concentration	ISC Prime, maximum potential emissions, no refinery reductions
Exhibit 22.1, Page 5	PM_{10} Maximum Annual Concentration	ISC Prime, maximum potential emissions, no refinery reductions
Exhibit 22.1, Page 6	PM_{10} Maximum 24-hour Concentration	ISC Prime, maximum potential emissions, no refinery reductions
Exhibit 22.1, Page 7	CO Maximum 8-hour Concentration	ISC Prime, maximum potential emissions, no refinery reductions
Exhibit 22.1, Page 8	CO Maximum One-hour Concentration	ISC Prime, maximum potential emissions, no refinery reductions
Exhibit 22.1, Page 9	NOx Maximum Annual Concentration	ISC Prime, maximum potential emissions, no refinery reductions
Exhibit 22.1, Page 10	NOx Maximum 24-hour Concentration	ISC Prime, maximum potential emissions, no refinery reductions
Exhibit 22.1, Page 11	NOx Maximum One-hour Concentration	ISC Prime, maximum potential emissions, no refinery reductions
Exhibit 22.2, Page 1	NOx Maximum Annual Concentration	ISC Prime, maximum potential emissions with refinery reductions
Exhibit 22.2, Page 2	PM_{10} Maximum Annual Concentration	Calpuff, max potential emissions, no refinery reductions
Exhibit 22.2, Page 3	PM_{10} Maximum Annual Concentration	Calpuff, max potential emissions, with refinery reductions
Exhibit 22.3	PM_{10} Expected Actual Maximum Annual Concentration	Calpuff, expected annual emissions, with refinery reductions and secondary particulate

1 All Calpuff modeling includes formation of secondary particulate; ISC Prime modeling includes secondary particulate by assuming 20%of sulfur emissions are converted to particulate matter.