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**GUIDELINES FOR AIR QUALITY  
MAINTENANCE PLANNING AND ANALYSIS  
VOLUME 13:  
ALLOCATING PROJECTED EMISSIONS  
TO SUBCOUNTY AREAS  
APPENDICES A and B**



**U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Air and Waste Management  
Office of Air Quality Planning and Standards  
Research Triangle Park, North Carolina 27711**

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## OAQPS GUIDELINE SERIES

The guideline series of reports is being issued by the Office of Air Quality Planning and Standards (OAQPS) to provide information to state and local air pollution control agencies; for example, to provide guidance on the acquisition and processing of air quality data and on the planning and analysis requisite for the maintenance of air quality. Reports published in this series will be available - as supplies permit - from the Air Pollution Technical Information Center, Research Triangle Park, North Carolina 27711; or, for a fee, from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161.

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## FOREWORD

These appendices provide documentation of a test case for the Subcounty Emission Allocation technique described in the thirteenth volume of a series comprising Guidelines for Air Quality Maintenance Planning and Analysis. The intent of the series is to provide state and local agencies with information and guidance for the preparation of Air Quality Maintenance Plans required under 40 CFR 51. The volumes in this series are:

Volume 1: Designation of Air Quality Maintenance Areas

Volume 2: Plan Preparation

Volume 3: Control Strategies

Volume 4: Land Use and Transportation Considerations

Volume 5: Case Studies in Plan Development

Volume 6: Overview of Air Quality Maintenance Area Analysis

Volume 7: Projecting County Emissions

Volume 8: Computer-Assisted Area Source Emissions Gridding Procedure

Volume 9: Evaluating Indirect Sources

Volume 10: Reviewing New Stationary Sources

Volume 11: Air Quality Monitoring and Data Analysis

Volume 12: Applying Atmospheric Simulation Models to Air Quality Maintenance Areas

Volume 13: Allocating Projected Emissions to Subcounty Areas

Additional volumes may be issued.

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## APPENDIX A

### Trial Application of the Subcounty Emission Allocation Procedures to Fulton County, Georgia; Summary

#### A.1 Introduction

This appendix illustrates results from the practical application of the methodology for Allocating Projected Emissions to Subcounty Areas to Fulton County (Atlanta), Georgia. Fulton was selected as a case study for this procedure because it represents a typical medium-sized Air Quality Control Region (AQCR) county. The case study therefore provides a reasonable example of the kinds of data that are available, the types of assumptions that will be necessary to apply these data to the methodology, and the level of effort needed to complete the allocations for an average size county.

It has been impossible to append to this volume of the Guidelines all of the tables necessary for the Fulton County test case. Therefore, the results of this practical exercise have been published in two Appendices. Appendix A, which is here attached to Volume 13, describes how data were adapted for implementation and briefly highlights results obtained from the Fulton County analysis. The complete set of tables generated for the test case have been published separately as Appendix B. Copies of Appendix B are available upon request from the USEPA Air Pollution Technical Information Center, Research Triangle Park, North Carolina 27711 and from the National Technical Information Service, 5825 Port Royal Road, Springfield, Virginia 22161.

In addition to this introduction, which constitutes Section 1, Appendix A is divided into three other sections. Section 2 is subdivided into five parts that correspond with each of the different types of sources treated in Allocating Projected Emissions to Subcounty Areas (e.g., residential fuel combustion, transportation, commercial/institutional fuel combustion, industrial process and fuel combustion, and solid waste incineration. Each of these sections discusses the allocation Order applied, data employed, assessments of the quality and suitability of these data to the specified procedure,

problems encountered, and assumptions in force. The text pertaining to each source category also includes a brief summary of emission results and, where possible, compares the results with calculations that have been independently prepared elsewhere. Section 3 of Appendix A deals with the master gridding technique applied to Fulton County. The procedure is described and a map illustrating the gridded overlay is presented. Section 4 presents the final output of the subcounty emission allocation methodology. In addition to illustrating the summary tables, conclusions and recommendations for further analysis are presented here.

## A.2 Emission Sources

### A.2.1 Residential Fuel Combustion Emissions

To gain a better understanding of the sensitivity of area source (e.g., residential fuel combustion, commercial/institutional fuel combustion and solid waste incineration) emission calculations to the choice of allocation Order, residential fuel combustion emissions were computed for 1970, using each of the three Orders. While there was no significant difference in the estimates of countywide fuel use when treated by the different Orders, the Order 3 estimates of fuel combustion for particular subareas were different from those derived from the Order 1 and 2 computations. Therefore, because the Order 3 calculation typically yields a more accurate characterization of fuel use for particular subareas, it should be preferred wherever data and resources permit its use.

Fulton County's residential fuel combustion emissions were projected for 1975, 1980, and 1985 using an Order 3 analysis. The number of dwelling units in each of seven municipalities within Fulton County was obtained for 1970 from the 1972 County and City Databook, and projections for the number of households in these subareas for 1975, 1980, and 1985 were taken from computer output supplied by the Atlanta Regional Commission (ARC). Growth factors for the five-year periods 1970-75, 1975-80, and 1980-85 were then computed for the households in each subarea. Table A.2-1 enumerates the raw household data and the growth factors that were developed from them. These growth factors were then sequentially applied to the 1970 dwelling-unit base data to project the number of dwelling units in each subarea for 1975, 1980, and 1985. Thus, by making the assumption that the number of households mirrors the number of dwelling units, it was possible to carry out the Order 3 computation.

Residential building size and fuel use distributions were obtained from the 1970 Census of Housing. As it was not possible to obtain these data from the ARC Data Center, the building size and fuel use distributions were held constant from 1970 through 1985. The fuel combustion emission factors taken from The Compilation of Air Pollutant Emission Factors (AP-42) were also held constant over the study period. Therefore, because it was assumed that the number of dwelling units changed, proportionate to the five-year growth rates, emissions were sequentially calculated for each forecast year as the

Table A.2-1  
Total Households and Growth Factors  
Fulton County, Georgia

| Subareas               | Households<br>1970 | Growth<br>Factor<br>1970-75 | Households<br>1975 | Growth<br>Factor<br>1975-80 | Households<br>1980 | Growth<br>Factor<br>1980-85 | Households<br>1985 | Households <sup>a</sup><br>1990 |
|------------------------|--------------------|-----------------------------|--------------------|-----------------------------|--------------------|-----------------------------|--------------------|---------------------------------|
| Atlanta                | 148,750            | 1.04                        | 155,113            | 1.04                        | 161,473            | 1.07                        | 173,383            | 185,293                         |
| Fairburn               | 1,211              | 1.36                        | 1,642              | 1.26                        | 2,074              | 1.40                        | 2,913              | 3,752                           |
| Hapeville              | 3,517              | 1.06                        | 3,747              | 1.06                        | 3,977              | 1.04                        | 4,152              | 4,328                           |
| Rosswell               | 2,326              | 1.47                        | 3,428              | 1.32                        | 4,531              | 1.32                        | 6,035              | 7,539                           |
| Union City             | 1,893              | 1.50                        | 2,840              | 1.33                        | 3,787              | 1.32                        | 4,998              | 6,210                           |
| East Point             | 13,005             | 1.16                        | 15,156             | 1.14                        | 17,306             | 1.09                        | 18,874             | 20,441                          |
| College Park           | 5,446              | 1.35                        | 7,356              | 1.26                        | 9,267              | 1.12                        | 10,356             | 11,444                          |
| SUBAREA TOTAL          | 176,151            | 1.08                        | 189,282            | 1.07                        | 202,415            | 1.09                        | 220,711            | 239,007                         |
| Residual               | 21,401             | 1.52                        | 32,538             | 1.23                        | 43,674             | 1.47                        | 64,151             | 84,628                          |
| FULTON COUNTY<br>TOTAL | 197,552            | 1.12                        | 221,820            | 1.11                        | 246,089            | 1.16                        | 284,862            | 323,635                         |

<sup>a</sup> Growth factors were not computed for the five-year period 1985-90. The 1990 data were used only to interpolate the projected number of households for 1985.

product of the growth rate and emissions from the previous year beginning with 1970 as the base year. The 3.1-9 Tables illustrate Fulton County emissions distributed among the seven municipalities and the Residual for 1970 and 1975.

Minor problems were encountered in trying to determine the geographic compatibility between municipalities as defined by the U.S. Bureau of the Census and ARC, and it was necessary to assume a one-to-one relationship between household and dwelling unit growth rates. Nevertheless, we feel that this Order 3 analysis provided more realistic estimates of emissions for the particular municipalities than would have been the case if Orders 1 and 2 had been used. We would, therefore, encourage prospective users to make similar assumptions if they lead to the use of data that facilitate the application of Order 3.

Table 3.1-9  
Residential Fuel Combustion Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|-----------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC <sup>a</sup> | (6)<br>NO <sub>x</sub> <sup>a</sup> |
| Atlanta         | 146.74                 | 197.75                 | 136.36    |                        |                                     |
| Fairburn        | 2.16                   | 6.13                   | 1.63      |                        |                                     |
| Hapeville       | 7.15                   | 20.21                  | 5.57      |                        |                                     |
| Rosswell        | 3.37                   | 9.54                   | 2.62      |                        |                                     |
| Union City      | 1.74                   | 4.91                   | 1.36      |                        |                                     |
| East Point      | 26.02                  | 73.51                  | 20.28     |                        |                                     |
| College Park    | 2.77                   | .09                    | 2.92      |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
| SUBAREA TOTAL   | 189.96                 | 312.16                 | 170.73    |                        |                                     |
| Residual        | 51.52                  | 145.85                 | 40.11     |                        |                                     |
| D. COUNTY TOTAL | 241.48                 | 457.99                 | 210.84    |                        |                                     |

<sup>a</sup> These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

Table 3.1-9  
Residential Fuel Combustion Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1975  
C. Allocation Order 3

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|-----------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC <sup>a</sup> | (6)<br>NO <sub>x</sub> <sup>a</sup> |
| Atlanta         | 153.05                 | 206.25                 | 142.22    |                        |                                     |
| Fairburn        | 2.93                   | 8.31                   | 2.21      |                        |                                     |
| Hapeville       | 7.61                   | 21.52                  | 5.93      |                        |                                     |
| Rosswell        | 4.97                   | 14.06                  | 3.86      |                        |                                     |
| Union City      | 2.61                   | 7.36                   | 2.04      |                        |                                     |
| East Point      | 30.31                  | 85.64                  | 23.63     |                        |                                     |
| College Park    | 3.74                   | .12                    | 3.94      |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
| SUBAREA TOTAL   | 205.22                 | 343.26                 | 183.83    |                        |                                     |
| Residual        | 78.31                  | 221.69                 | 60.97     |                        |                                     |
| D. COUNTY TOTAL | 283.53                 | 564.95                 | 244.80    |                        |                                     |

<sup>a</sup>These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

### A.2.2 Transportation Emissions

An Order 1 analysis was used to project and allocate transportation emissions in Fulton County because more detailed data needed to carry out the higher Order calculations could not be obtained and implemented within the time frame of the case study. This analysis was confined to limited and non-limited access highways, and we feel that the motor vehicle emissions estimates are conservative (i.e., high), because the method used to forecast emissions was not adjusted to consider the existence and/or expansion of the Metropolitan Atlanta Rapid Transit System (MARTA) or the construction of any additional highway or arterial street links. Therefore, the emission forecasts for 1975, 1980, and 1985 are not expected to be representative of the actual situation in Fulton County, Georgia.

Necessary forecasts of Vehicle Miles Traveled (VMT) were derived from population projections. Population data for Fulton County and each of the seven municipalities used as subareas for the residential fuel combustion analysis were obtained for 1970, 1980, and 1990 from ARC. Population growth rates were then calculated for each of the three five-year intervals (1970-75, 1975-80, and 1980-85) by interpolating from the decade-based data, such that the percentage growth in the first five years equaled the percentage growth in the second five years. These population growth rates for the Fulton County subareas are shown in Table A.2-2.

VMT for limited and non-limited access highways were derived from the population forecasts using 1970 as the base. VMT for each limited access highway link was then calculated successively for each projection year (1975, 1980, and 1985) by multiplying VMT from the previous year (beginning with 1970) by the countywide population growth rate for the appropriate five-year interval. Thus, annual miles driven on limited access highways for each vehicle class is assumed to increase at the same rate as total population growth in the county, and the volume on every highway link is assumed to grow at these same rates. Growth in VMT for non-limited access highways was also linked to population growth. But instead of keying it to estimates of countywide population growth, non-limited access highway links were specifically located in the seven municipalities or treated as rural road links. In this way VMT increases for non-limited access highways were broken down and projected according to growth rates for the specific subareas considered (e.g., municipalities).

Table A.2-2  
Population Growth Factors:  
Fulton County, Georgia

| Subareas               | 1970-75 | 1975-80 | 1980-85 |
|------------------------|---------|---------|---------|
| Atlanta                | .97     | .96     | 1.04    |
| Fairburn               | 1.47    | 1.48    | 1.33    |
| Hapeville              | 1.02    | 1.03    | .98     |
| Rosswell               | 1.64    | 1.65    | 1.32    |
| Union City             |         |         | 1.28    |
| East Point             | 1.11    | 1.11    | .99     |
| College Park           | 1.42    | 1.41    | 1.06    |
| SUBAREA TOTAL          | 1.01    | 1.02    | 1.05    |
| Residual               | 1.33    | 1.33    | 1.45    |
| FULTON COUNTY<br>TOTAL | 1.05    | 1.05    | 1.13    |

The above procedures were implemented merely as substitutes for State Highway Department projections of VMT that could not be obtained in time to prepare the Fulton County example. Due to extensive transportation planning at the state and county levels and the Federal Highway Administration 3-C planning requirements, it is unlikely that similar deficiencies of data will occur where the Subcounty Emission Allocation procedures are to be applied. Therefore, it is not recommended that forecasts be developed using the procedure employed here, because the effects of all known changes, such as Atlanta's new transit system (MARTA) and proposed highway construction, should be accounted for in any forecast of VMT.

Two additional assumptions were employed in the Fulton County test case. These are more generally applicable to the country as a whole, and we recommend their use where data are lacking for a specific county under study. First, the national average vehicle age distribution from the Compilation of Air Pollutant Emission Factors (AP-42), weighted by annual miles driven in Fulton County, was applied to all forecast years. We reasoned that the vehicle age distribution will change in the future but such modified projections could not be obtained. Second, the speed correction factors for limited access highways were also determined using AP-42 and the average speed for these highways was assumed to be 45 mph, which is a conservative estimate.

As an overall assessment of these estimates for mobile source emissions, correlation analyses conducted at Argonne have indicated that population is a rather strong predictor of VMT. Based on these results, the emission estimates developed in this population-based analysis are judged to be as refined as the Order 1 procedure will permit under the conditions specified above. The availability of more refined highway data and a mobile source emissions model would undoubtedly yield more accurate predictions of transportation emissions than has been possible here. The 3.2-11 Table illustrates the summary allocation of transportation emissions to subareas of Fulton County for 1980.

Table 3.2-11

Transportation Emissions  
Allocated to Subcounty Areas

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 1

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|-----------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC <sup>a</sup> | (6)<br>NO <sub>x</sub> <sup>a</sup> |
| Atlanta         | 527.0                  | 202.2                  | 31975.8   |                        |                                     |
| Fairburn        | 8.3                    | 3.2                    | 492.6     |                        |                                     |
| Hapeville       | 12.6                   | 4.9                    | 748.4     |                        |                                     |
| Rosswell        | 18.4                   | 7.1                    | 1100.4    |                        |                                     |
| Union City      | 15.9                   | 6.1                    | 945.0     |                        |                                     |
| East Point      | 60.1                   | 23.2                   | 3585.7    |                        |                                     |
| College Park    | 30.9                   | 11.9                   | 1833.7    |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
| SUBAREA TOTAL   | 672.8                  | 259.3                  | 40681.5   |                        |                                     |
| Residual        | 204.0                  | 78.6                   | 12208.2   |                        |                                     |
| D. COUNTY TOTAL | 876.8                  | 337.9                  | 52889.7   |                        |                                     |

<sup>a</sup> These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

### A.2.3 Commercial/Institutional Fuel Combustion Emissions

An Order 2 analysis was performed to allocate emissions resulting from the combustion of fuel used to heat commercial and institutional buildings in Fulton County. This was chosen as the highest Order of analysis feasible because the building size and fuel use distributions required for an Order 3 analysis were not available. Therefore, the allocated emissions derived from this investigation are characteristic of those that can be anticipated from the intermediate level of detail.

To obtain projections of commercial/institutional employment necessary for the Order 2 analysis, data were obtained from ARC and the 1972 County and City Databook. The employment projections supplied by ARC were provided in the form of computer output displaying the total number of employees for 1970, 1980 and 1990 in each of ten Superdistricts that comprise Fulton County. These Superdistricts were listed as follows:

| <u>Number</u> | <u>Designation</u> |
|---------------|--------------------|
| 10            | Atlanta, CBD       |
| 11            | Atlanta, Northeast |
| 12            | Atlanta, Northwest |
| 13            | Atlanta, Southeast |
| 14            | Atlanta, Southwest |
| 15            | Tri-Cities         |
| 16            | South Fulton       |
| 17            | Atlanta, Buckhead  |
| 18            | Sandy Springs      |
| 19            | North Fulton       |

As a first step the total number of employees for 1970, 1980 and 1990 were interpolated to obtain estimates of 1975 and 1985 employment for the County and each of the Superdistricts.

Since the ARC data enumerated only the total number of employees, it was necessary to estimate the number of persons employed in commercial and institutional establishments, based on 1970 employment percentages enumerated in the Databook. The percentage of commercial/institutional employees was developed for the county and municipalities with 1970 populations of 25,000 or more, by summing the employment percentages for wholesale and retail trade, services and educational services available in the Databook. Because the

applicable information in the Databook pertained only to municipalities with 1970 populations of 25,000 or more, the commercial/institutional employment percentages were applied to the various Superdistricts in the following way. A constant commercial/institutional percentage was applied to each of the six Atlanta Superdistricts (numbers 10, 11, 12, 13, 14 and 17). By the same token, the commercial/institutional employment percentage obtained for East Point was applied to the Tri-Cities Superdistrict (Number 15).<sup>\*</sup> Using the total number of employees from the ARC data and the employment percentages derived from the Databook, the number of commercial/institutional employees were calculated for the County as a whole and for Superdistricts 10, 11, 12, 13, 14, 15 and 17. These numbers were obtained for each area by multiplying the total number of employees by the commercial/institutional employment percentage. The 1970 commercial/institutional employment percentage was uniformly applied to the total number of employees for 1970 and each forecast year (1975, 1980 and 1985) to obtain the number of commercial/institutional employees for each year under investigation. This calculation is summarized in formula (1).

$$(1) \quad CIE_{ij} = TE_{ij} \times PCIE_{i1970}$$

where:

$CIE_{ij}$  = Commercial/institutional employees in Superdistrict (or County) i in year j.

$TE_i$  = Total employees in Superdistrict (or county) i in year j.

$PCIE_{i1970}$  = Percent of employment in commercial and institutional establishments in Superdistrict (or county) i in 1970.

---

<sup>\*</sup> Although there are three municipalities (College Park, East Point and Hapeville) located in this Superdistrict, only East Point had a 1970 population greater than 25,000 and was therefore the only place for which data were enumerated in the 1972 County and City Databook.

The remaining Superdistricts (e.g., numbers 16, South Fulton; 18, Sandy Springs; and 19, North Fulton) were treated as the Residual for Fulton County because the necessary commercial/institutional employment percentages for these areas could not be obtained from the Databook. Thus, the number of employees treated in this Residual had to be estimated from the county total and Superdistricts already considered. The commercial/institutional employees for Superdistricts 10, 11, 12, 13, 14, 15 and 17 were summed and this result was subtracted from the total number of commercial/institutional employees for Fulton County to obtain the commercial/institutional employees for the Residual.

The number of employees used to generate the proportions by which commercial/institutional emissions were allocated are shown in Table A.2-3. The 3.3-11 Table illustrates allocated commercial/institutional fuel combustion emissions for 1975.

Table A.2-3  
Commercial/Institutional Employment:  
Fulton County, Georgia

| SD #                   | Name                  | 1970    | 1975    | 1980    | 1985    |
|------------------------|-----------------------|---------|---------|---------|---------|
| 10                     | Atlanta,<br>CBD       | 41,877  | 45,091  | 48,305  | 50,925  |
| 11                     | Atlanta,<br>Northeast | 37,957  | 38,150  | 38,342  | 38,777  |
| 12                     | Atlanta,<br>Northwest | 21,211  | 23,736  | 26,261  | 29,249  |
| 13                     | Atlanta,<br>Southeast | 18,619  | 19,641  | 20,663  | 22,046  |
| 14                     | Atlanta,<br>Southwest | 14,800  | 16,064  | 17,329  | 20,149  |
| 17                     | Atlanta,<br>Buckhead  | 13,798  | 15,801  | 17,804  | 19,877  |
| 15                     | Tri-Cities            | 16,511  | 18,151  | 19,790  | 22,471  |
|                        | Residual <sup>a</sup> | 4,858   | 10,664  | 16,470  | 23,505  |
| FULTON COUNTY<br>TOTAL |                       | 169,631 | 187,298 | 204,964 | 226,999 |

<sup>a</sup>This residual is comprised of superdistricts #16 (South Fulton), #18 (Sandy Springs) and #19 (North Fulton).

Table 3.3-11  
Commercial/Institutional Fuel Combustion Emissions  
Allocated to Sub-County Areas

A. County Fulton  
B. Year 1975  
C. Allocation Order 2

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|-----------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC <sup>a</sup> | (6)<br>NO <sub>x</sub> <sup>a</sup> |
| 10 CBD          | 55.95                  | 85.02                  | 47.25     |                        |                                     |
| 11 - Northeast  | 47.12                  | 71.59                  | 39.80     |                        |                                     |
| 12 - Northwest  | 29.48                  | 44.80                  | 24.90     |                        |                                     |
| 13 - Southeast  | 24.37                  | 37.02                  | 20.58     |                        |                                     |
| 14 - Southwest  | 19.96                  | 30.35                  | 16.86     |                        |                                     |
| 15 - Tri-Cities | 22.53                  | 34.22                  | 19.02     |                        |                                     |
| 17 - Buckhead   | 19.51                  | 29.63                  | 16.47     |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
|                 |                        |                        |           |                        |                                     |
| SUBAREA TOTAL   | 218.92                 | 332.63                 | 184.88    |                        |                                     |
| Residual        | 13.23                  | 20.09                  | 11.17     |                        |                                     |
| D. COUNTY TOTAL | 232.15                 | 352.72                 | 196.05    |                        |                                     |

<sup>a</sup>These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

#### A.2.4 Industrial Process and Fuel Combustion Emissions

It was impossible to survey the management of industrial sources in Fulton County regarding their plans for expanding existing facilities or constructing plants at new sites. Therefore, the direct application of an Order 3 analysis could not be achieved and features of Orders 2 and 3 have been combined to yield the most extensive analysis possible. This approach illustrates options that are available to the innovative user who wants to obtain refined estimates of industrial emissions, but who is constrained because the detailed field survey information required for an Order 3 analysis is lacking.

Ideally, the purest application of an Order 3 analysis requires that the proposed size (i.e., anticipated employment levels) and location of new industrial sources be known. Since field surveys could not be administered, projections of new source employment levels were not available for Fulton County. Therefore, the growth of new point sources was estimated on the basis of growth in industrial land use, and emissions attributable to the construction of new plants were allocated according to these subarea-specific changes in industrial land use. Land use data were obtained from ARC for each of the ten areas called Superdistricts that comprise Fulton County (see Section A.2.3 of this Appendix for a list of these Superdistricts). These data provided an inventory of used acreage for 1970 as well as projections of used land for 1980 and 1990. After interpolating to obtain projections of the total land area projected to be in use for 1975 and 1985, the number of acres devoted to industrial activity in each Superdistrict was calculated. This industrial land area was obtained for each year under investigation (1970, 1975, 1980 and 1985) by multiplying the total acreage of used land in each Superdistrict by the percent of used acreage devoted to industrial activity in each Superdistrict. Formula (2) summarizes this calculation.

$$(2) \quad IA_i = TAU_i \times PAU_i \times PIA_i$$

where:

$IA_i$  = Industrial acreage in Superdistrict i

$TAU_i$  = Total acres used in Superdistrict i.

$PAU_i$  = Percent of acreage used in Superdistrict i.

$PIA_i$  = Percent of total acreage used, devoted to industrial activity in Superdistrict i.

The Superdistrict-specific change in industrial acreage was then computed for the five-year intervals 1970-75, 1975-80 and 1980-85 by subtracting the industrial acreage for each forecast year from the industrial acreage for the baseline year (1970). This calculation is summarized by formula (3).

$$(3) \quad \Delta IA_{ij} = IA_{ij} - IA_{i1970}$$

where  $\Delta IA_{ij}$  = Change in industrial acreage for Superdistrict i between forecast year j and 1970.  
 $IA_{ij}$  = Industrial acreage for Superdistrict i in forecast year j.

$IA_{i1970}$  = Industrial acreage for Superdistrict i in 1970.

To allocate the forecast-year-specific change in industrial land among the various Superdistricts, the results obtained from the application of formula (2) were divided by the difference in the countywide industrial acreage between 1970 and the forecast year in question. The calculation for this industrial land use growth factor is illustrated in formula (4).

$$(4) \quad \Delta AREA_{ij} = \frac{IA_{ij}}{TIA_j - TIA_{1970}}$$

where:

$\Delta AREA_{ij}$  = Change in industrial land area apportioned to Superdistrict i for forecast year j.

$\Delta IA_{ij}$  = Change in industrial acreage for Superdistrict i between forecast year j and 1970.

$TIA_j$  = Total industrial acreage for Fulton County in forecast year j.

$TIA_{1970}$  = Total industrial acreage for Fulton County in 1970.

This subarea-specific growth factor for industrial land use was then used to allocate emissions attributable to the siting of new point sources in each Superdistrict. The industrial acreage and land use growth factor for each of the ten Fulton County Superdistricts is shown in Table A.2-4.

Table A.2-4  
Industrial Land Use Change  
Fulton County, Georgia

| Subareas              | Industrial Land Use <sup>a</sup><br>(ACRES) |      |      |      | Industrial Land Use Change <sup>b</sup> |         |         |
|-----------------------|---------------------------------------------|------|------|------|-----------------------------------------|---------|---------|
|                       | 1970                                        | 1975 | 1980 | 1985 | 1970-75                                 | 1975-80 | 1980-85 |
| 10 Atlanta, CBD       | 133                                         | 132  | 132  | 131  | -0.002                                  | -0.001  | -0.001  |
| 11 Atlanta, Northeast | 795                                         | 735  | 675  | 707  | -0.126                                  | -0.127  | -0.054  |
| 12 Atlanta, Northwest | 1665                                        | 1759 | 1852 | 1956 | 0.198                                   | 0.197   | 0.179   |
| 13 Atlanta, Southeast | 1137                                        | 1151 | 1165 | 1198 | 0.030                                   | 0.030   | 0.038   |
| 14 Atlanta, Southwest | 930                                         | 1006 | 1082 | 1182 | 0.160                                   | 0.160   | 0.155   |
| 15 Tri-Cities         | 825                                         | 846  | 868  | 912  | 0.044                                   | 0.045   | 0.054   |
| 16 South Fulton       | 216                                         | 420  | 623  | 795  | 0.430                                   | 0.429   | 0.357   |
| 17 Atlanta, Buckhead  | 125                                         | 146  | 167  | 195  | 0.044                                   | 0.045   | 0.043   |
| 18 Sandy Springs      | 121                                         | 169  | 216  | 255  | 0.101                                   | 0.100   | 0.147   |
| 19 North Fulton       | 88                                          | 145  | 203  | 326  | 0.120                                   | 0.121   | 0.147   |
| FULTON COUNTY TOTAL   | 6035                                        | 6509 | 6983 | 7657 | 474                                     | 948     | 1622    |

<sup>a</sup>Equivalent to IA specified in formula (1).

<sup>b</sup>Equivalent to AARFA specified in formula (3).

Using identification coordinates listed in the National Emissions Data Systems (NEDS), all point sources were located on a map of Fulton County indicated with Universal Transmercator (UTM) grid tics and boundaries of the 10 ARC Superdistricts. These sources were then grouped within each Superdistrict according to industrial process categories delineated in the OBERS projections of economic activity. Each source's pollutant-specific emissions for the base year (1970) were then recorded from the NEDS file for Fulton County onto the appropriate working tables. Next, the total emissions for each source were calculated for each forecast year (1975, 1980, and 1985). This was accomplished by multiplying the source's 1970 baseline emissions by the growth factor for its industrial process category determined from the OBERS projections for the Atlanta SMSA. Emissions attributable to the construction of sources at new locations were estimated on the basis of the five-year growth rate for the number of acres devoted to industrial land in each of the ten Superdistricts. These new source emissions were calculated for each process category by multiplying the total emissions in each Superdistrict by the industrial land use growth factor ( $\Delta\text{AREA}_{ij}$ ) described above. This rather intricate procedure had the effect of apportioning the estimated growth in industrial emissions between existing (in situ) sources and the construction of plants at new sites. Therefore, this application illustrates the Order 3 allocation of industrial emissions but relies on an estimate of growth at new sites, which is characteristic of the Order 2 procedure.

Two problems worth mentioning were encountered in the application of this procedure. In the first place it was necessary to assume that the point source emissions for any given forecast year could not be less than the baseline year emissions for that source. In the special case(s) where projected emissions at existing sources were smaller than the 1970 emissions for a given source(s) (due to the subtraction of new source emissions that were larger than the total projected emission for that year), the 1970 baseline year emissions, instead of estimated new source emissions, were subtracted from the total forecasted emissions. Projected emissions for an existing point source were thereby constrained so that they were at least equal to that point source's emissions for the baseline year. In the second instance where an industrial land use change factor ( $\Delta\text{AREA}_i$ ) was negative for a given Superdistrict, zeros were entered for new source growth and all of the total emissions were allocated to existing sources.

Tables 3.4-4 and 3.4-8 respectively summarize the 1985 industrial process and industrial fuel combustion emissions allocated to the various Superdistrict subareas.

Table 3.4-4  
Industrial Point and New Source Process  
Emissions - Subarea Summary

A. County FULTON  
B. Subarea SUMMARY  
C. Year 1985  
D. Allocation Order 2-3

| SUBAREA      | POINT SOURCE EMISSIONS   |                         |             |                        |                        |             |             | NEW SOURCE EMISSIONS    |              |                         |                         |              |              | TOTAL EMISSIONS          |              |                         |                         |              |              |
|--------------|--------------------------|-------------------------|-------------|------------------------|------------------------|-------------|-------------|-------------------------|--------------|-------------------------|-------------------------|--------------|--------------|--------------------------|--------------|-------------------------|-------------------------|--------------|--------------|
| (1)          | (2)<br>No. of<br>SOURCES | (3)<br>PM <sub>10</sub> | (4)<br>PART | (5)<br>NO <sub>x</sub> | (6)<br>SO <sub>x</sub> | (7)<br>HC a | (8)<br>CO a | (9)<br>PM <sub>10</sub> | (10)<br>PART | (11)<br>NO <sub>x</sub> | (12)<br>SO <sub>x</sub> | (13)<br>HC a | (14)<br>CO a | (15)<br>PM <sub>10</sub> | (16)<br>PART | (17)<br>NO <sub>x</sub> | (18)<br>SO <sub>x</sub> | (19)<br>HC a | (20)<br>CO a |
| 10           | 4                        |                         | 2114        | 491                    | 1625                   |             |             |                         | 0            | 0                       | 0                       |              |              |                          | 2114         | 491                     | 1625                    |              |              |
| 11           | 10                       |                         | 11195       | 109                    | 2087                   |             |             |                         | 0            | 0                       | 0                       |              |              |                          | 11195        | 109                     | 2087                    |              |              |
| 12           | 8                        |                         | 9681        | 312                    | 1247                   |             |             |                         | 2115         | 68                      | 272                     |              |              |                          | 11796        | 380                     | 1519                    |              |              |
| 13           | 5                        |                         | 35          | 75                     | 27                     |             |             |                         | 1            | 2                       | 1                       |              |              |                          | 36           | 77                      | 28                      |              |              |
| 14           | 2                        |                         | 2           | 14                     | 2                      |             |             |                         | 0            | 2                       | 0                       |              |              |                          | 2            | 16                      | 2                       |              |              |
| 15           | 7                        |                         | 1056        | 56                     | 710                    |             |             |                         | 60           | 3                       | 40                      |              |              |                          | 1116         | 59                      | 750                     |              |              |
| 16           | 3                        |                         | 577         | 363                    | 22                     |             |             |                         | 321          | 201                     | 12                      |              |              |                          | 898          | 564                     | 34                      |              |              |
| 17           | 1                        |                         | 2           | 0                      | 0                      |             |             |                         | 0            | 0                       | 0                       |              |              |                          | 2            | 0                       | 0                       |              |              |
| 18           | 0                        |                         | 0           | 0                      | 0                      |             |             |                         | 0            | 0                       | 0                       |              |              |                          | 0            | 0                       | 0                       |              |              |
| 19           | 0                        |                         | 0           | 0                      | 0                      |             |             |                         | 0            | 0                       | 0                       |              |              |                          | 0            | 0                       | 0                       |              |              |
|              |                          |                         |             |                        |                        |             |             |                         |              |                         |                         |              |              |                          |              |                         |                         |              |              |
|              |                          |                         |             |                        |                        |             |             |                         |              |                         |                         |              |              |                          |              |                         |                         |              |              |
|              |                          |                         |             |                        |                        |             |             |                         |              |                         |                         |              |              |                          |              |                         |                         |              |              |
|              |                          |                         |             |                        |                        |             |             |                         |              |                         |                         |              |              |                          |              |                         |                         |              |              |
|              |                          |                         |             |                        |                        |             |             |                         |              |                         |                         |              |              |                          |              |                         |                         |              |              |
|              |                          |                         |             |                        |                        |             |             |                         |              |                         |                         |              |              |                          |              |                         |                         |              |              |
| COUNTY TOTAL | 48                       |                         | 24700       | 1422                   | 5720                   |             |             |                         | 2489         | 274                     | 325                     |              |              |                          | 27189        | 1696                    | 6045                    |              |              |

<sup>a</sup>These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

Table 3.4-8  
Industrial Point and New Source Fuel  
Combustion Emissions - Subarea Summary

A. County FULTON  
B. Subarea SUMMARY  
C. Year 1985  
D. Allocation Order 2-3

| SUBAREA      | POINT SOURCE EMISSIONS   |           |             |                        |                        |                        |                        | NEW SOURCE EMISSIONS |              |                         |                         |                         |                         | TOTAL EMISSIONS |              |                         |                         |                         |                         |
|--------------|--------------------------|-----------|-------------|------------------------|------------------------|------------------------|------------------------|----------------------|--------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------|--------------|-------------------------|-------------------------|-------------------------|-------------------------|
| (1)          | (2)<br>No. of<br>SOURCES | (3)<br>B4 | (4)<br>PART | (5)<br>NO <sub>x</sub> | (6)<br>SO <sub>x</sub> | (7)<br>HC <sup>a</sup> | (8)<br>CO <sup>a</sup> | (9)<br>B4            | (10)<br>PART | (11)<br>NO <sub>x</sub> | (12)<br>SO <sub>x</sub> | (13)<br>HC <sup>a</sup> | (14)<br>CO <sup>a</sup> | (15)<br>B4      | (16)<br>PART | (17)<br>NO <sub>x</sub> | (18)<br>SO <sub>x</sub> | (19)<br>HC <sup>a</sup> | (20)<br>CO <sup>a</sup> |
| 10           | 1                        |           | 3528        | 484                    | 1534                   |                        |                        |                      | 0            | 0                       | 0                       |                         |                         |                 | 3528         | 484                     | 1534                    |                         |                         |
| 11           | 2                        |           | 13          | 100                    | 46                     |                        |                        |                      | 0            | 0                       | 0                       |                         |                         |                 | 13           | 100                     | 46                      |                         |                         |
| 12           | 1                        |           | 2859        | 268                    | 837                    |                        |                        |                      | 625          | 59                      | 183                     |                         |                         |                 | 3484         | 327                     | 1020                    |                         |                         |
| 13           | 1                        |           | 11          | 345                    | 2                      |                        |                        |                      | 0            | 14                      | 0                       |                         |                         |                 | 11           | 359                     | 2                       |                         |                         |
| 14           | 0                        |           | 0           | 0                      | 0                      |                        |                        |                      | 0            | 0                       | 0                       |                         |                         |                 | 0            | 0                       | 0                       |                         |                         |
| 15           | 0                        |           | 0           | 0                      | 0                      |                        |                        |                      | 0            | 0                       | 0                       |                         |                         |                 | 0            | 0                       | 0                       |                         |                         |
| 16           | 2                        |           | 23          | 291                    | 3                      |                        |                        |                      | 12           | 162                     | 1                       |                         |                         |                 | 35           | 453                     | 4                       |                         |                         |
| 17           | 0                        |           | 0           | 0                      | 0                      |                        |                        |                      | 0            | 0                       | 0                       |                         |                         |                 | 0            | 0                       | 0                       |                         |                         |
| 18           | 0                        |           | 0           | 0                      | 0                      |                        |                        |                      | 0            | 0                       | 0                       |                         |                         |                 | 0            | 0                       | 0                       |                         |                         |
| 19           | 0                        |           | 0           | 0                      | 0                      |                        |                        |                      | 0            | 0                       | 0                       |                         |                         |                 | 0            | 0                       | 0                       |                         |                         |
|              |                          |           |             |                        |                        |                        |                        |                      |              |                         |                         |                         |                         |                 |              |                         |                         |                         |                         |
|              |                          |           |             |                        |                        |                        |                        |                      |              |                         |                         |                         |                         |                 |              |                         |                         |                         |                         |
|              |                          |           |             |                        |                        |                        |                        |                      |              |                         |                         |                         |                         |                 |              |                         |                         |                         |                         |
|              |                          |           |             |                        |                        |                        |                        |                      |              |                         |                         |                         |                         |                 |              |                         |                         |                         |                         |
|              |                          |           |             |                        |                        |                        |                        |                      |              |                         |                         |                         |                         |                 |              |                         |                         |                         |                         |
|              |                          |           |             |                        |                        |                        |                        |                      |              |                         |                         |                         |                         |                 |              |                         |                         |                         |                         |
| COUNTY TOTAL | 7                        |           | 6434        | 1488                   | 2422                   |                        |                        |                      | 637          | 235                     | 184                     |                         |                         |                 | 7071         | 1723                    | 2606                    |                         |                         |

<sup>a</sup>These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

#### A.2.5 Solid Waste Incineration Emissions

Emissions generated from the incineration of solid waste were allocated to subcounty areas using an Order 2 analysis. This Level of detail was selected because the survey of local solid waste officials needed for an Order 3 analysis could not be undertaken as part of the Fulton County test case. Furthermore, the intensive study prescribed in Projecting County Emissions: Volume 7 of the Guidelines was not carried out. Estimates of the countywide solid waste incineration were instead taken directly from the Atlanta Air Pollutant Emission Inventory (October, 1969) and entered in Table 3.5-2 as described in the procedural instructions. In view of the fact that residential solid waste incineration was not considered in this Inventory, it has also been deleted from this analysis. This exclusion should not, however, create undue concern as residential refuse incineration is generally considered to account for only a very small portion of the emissions from open burning. In short, it can be said that the allocation results obtained from this analysis are as representative of the actual situation in Fulton County as could be expected without projecting solid waste incineration Levels, using the procedures described in Volume 7 of the Guidelines.

All of the fundamental work involved in manipulating the demographic and land use variables used to project solid waste emissions has already been carried out for the analyses of other emission sources. Residential incineration has been deleted so that the population allocations (developed for the analysis of transportation emissions) were not needed. The commercial/institutional establishments and industrial point sources have already been treated according to ARC Superdistricts that are compatible. Therefore, the commercial/institutional and industrial land use allocation proportions derived from the assumptions, specified in Sections A.2.3 and A.2.4 of this appendix, have been directly applied to this analysis of solid waste incineration emissions. One minor adaptation was necessary, however. To make the commercial/institutional and industrial subarea designations completely compatible, Superdistricts 16, 18 and 19, which were treated separately for industrial sources, have been aggregated and treated as the Residual for this analysis.

The following 3.5-4 Table illustrates the allocated refuse incineration emissions for 1980.

Table 3.5-4  
Solid Waste Incineration Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1980  
C. Allocation Order 2

| (1)<br>Sub-areas | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|------------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                  | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC <sup>a</sup> | (6)<br>NO <sub>x</sub> <sup>a</sup> |
| 10 - CBD         | 529                    | 78                     | 208       |                        |                                     |
| 11 - Northeast   | 966                    | 104                    | 193       |                        |                                     |
| 12 - Northwest   | 1,985                  | 175                    | 199       |                        |                                     |
| 13 - Southeast   | 1,286                  | 116                    | 143       |                        |                                     |
| 14 - Southwest   | 1,179                  | 105                    | 125       |                        |                                     |
| 15 - Tri-Cities  | 991                    | 92                     | 124       |                        |                                     |
| 17 - Buckhead    | 308                    | 38                     | 82        |                        |                                     |
|                  |                        |                        |           |                        |                                     |
|                  |                        |                        |           |                        |                                     |
|                  |                        |                        |           |                        |                                     |
|                  |                        |                        |           |                        |                                     |
|                  |                        |                        |           |                        |                                     |
|                  |                        |                        |           |                        |                                     |
|                  |                        |                        |           |                        |                                     |
|                  |                        |                        |           |                        |                                     |
| SUBAREA TOTAL    | 7,244                  | 708                    | 1,074     |                        |                                     |
| Residual         | 1,130                  | 100                    | 119       |                        |                                     |
| D. COUNTY TOTAL  | 8,374                  | 808                    | 1,193     |                        |                                     |

<sup>a</sup> These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

### A.3 MASTER GRIDDING

To this point emissions from the five types of sources have been allocated to essentially two types of subarea sets. Residential fuel combustion and transportation emissions have been allocated to municipalities and a Residual. Industrial emissions have been allocated to ARC Superdistricts and a Residual was not necessary; and commercial/institutional fuel combustion and solid waste incineration emissions were allocated to ARC Superdistricts and a Residual. While there is no conceptual problem with treating these different subarea sets separately for dispersion modeling purposes, the overlap between the subareas presents a rather confusing picture as to where emission control strategies should be implemented. Therefore, we have followed our previous recommendation and developed a single master grid network so that the emissions from all of the previous analyses could be totaled for each cell in the square-gridded matrix.

Fulton County was subdivided into 123 cells using a two-stage gridding procedure applied to census tract maps of the Atlanta Standard Metropolitan Statistical Area (SMSA) on which the ARC Superdistrict boundaries were indicated. The resulting grid system is shown in Figures A.1 and A.2. Figure A.1 represents the master census tract map and Figure A.2 is a blow-up of the census tracts for "INSERT A" specified in Figure A.1. Since two maps were needed to show the resolution of census tracts in and around Atlanta, one grid network had to be drawn on the larger-scale map and another grid had to be drawn on the smaller-scale map. This accounts for the two-stage operation mentioned above.

The master grid system was developed in the following way. First, clear Mylar plastic was overlayed on both of the maps and identical Universal Transverse Mercator (UTM) coordinates were marked on each overlay. For example, UTM coordinate  $37^{26} - 7^{25}$  can be seen on both maps and designates an interface between them. Next, the scales of gridding resolution were decided upon and the cell networks were drawn on both maps. Since outlying areas have comparatively low population densities and concentrations of emission generating activity, 8 km x 8 km grid squares were chosen. These larger grid cells are evident in Figure A.1 and they cover the three Superdistricts surrounding Atlanta (e.g., 16, South Fulton; 18, Sandy Springs; and 19, North Fulton). The 8 km x 8 km grid cells do not apply to "INSERT A," but was also gridded with the uniform cells to avoid confusion in drawing the complete matrix on the

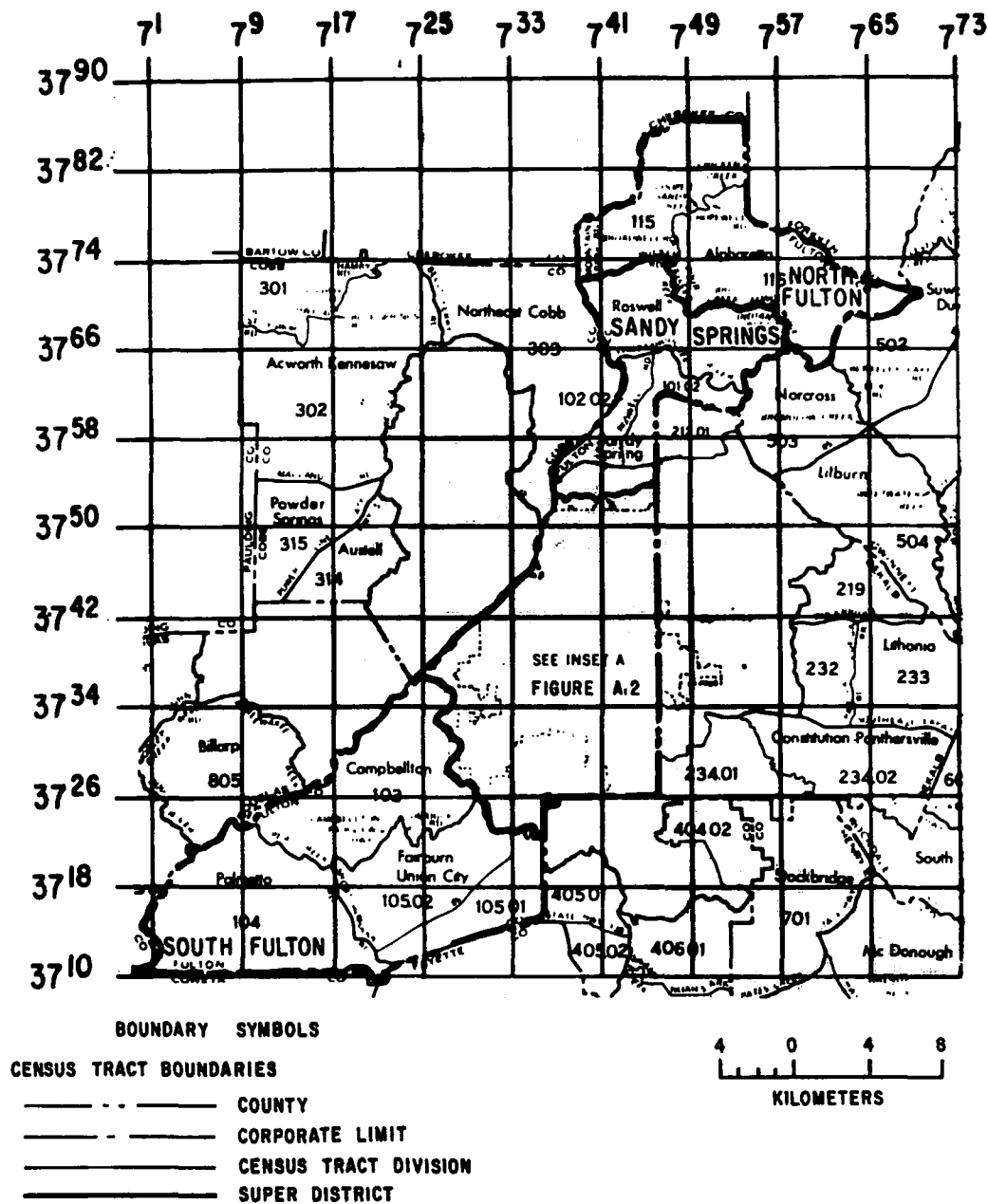


Figure A.1 Master Grid Overlay

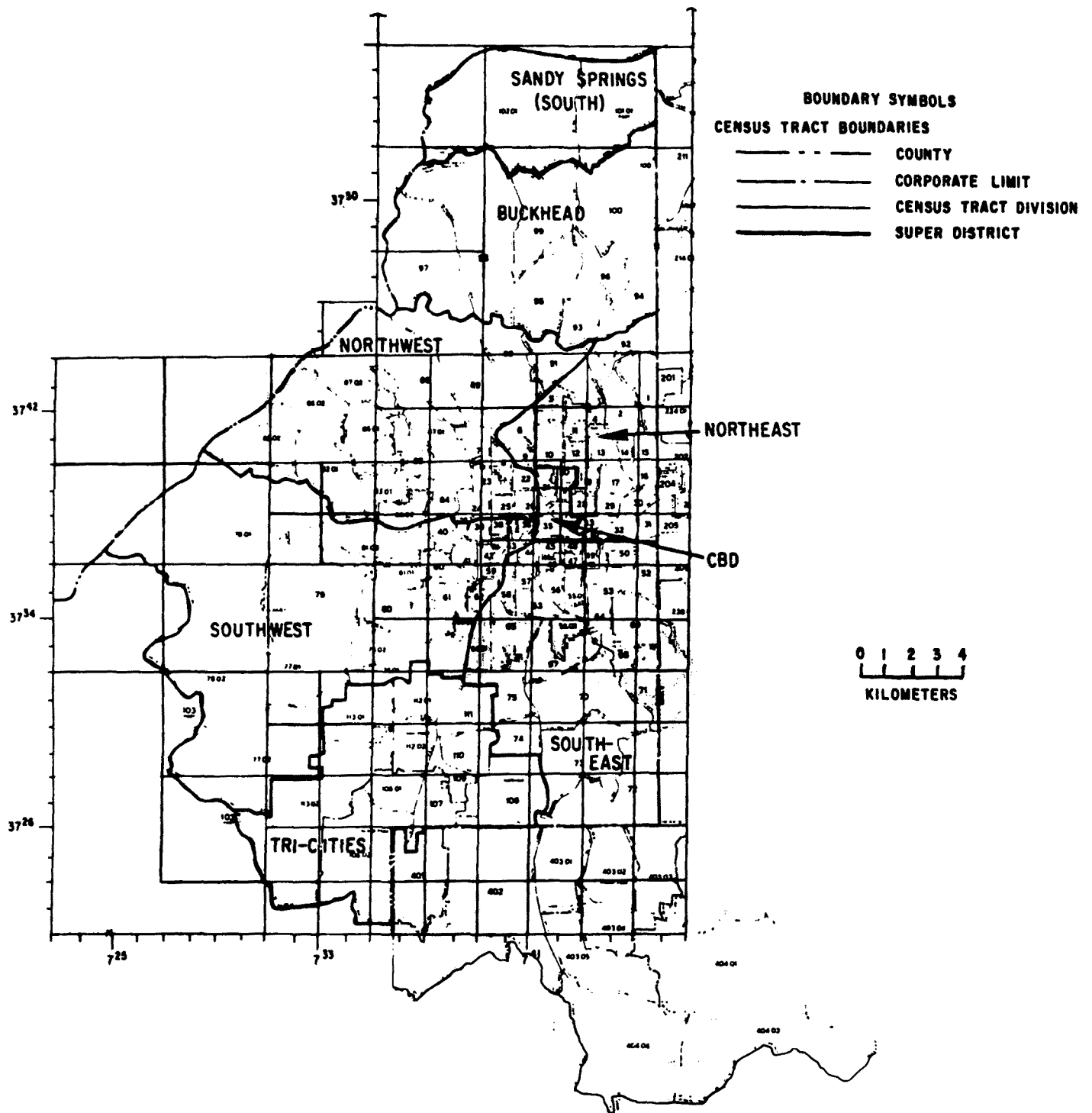


Figure A.2 Master Grid Overlay: Insert

master census tract. Figure A.2 shows that varying degrees of resolution in gridding were chosen for the seven Superdistricts in, and contiguous to, Atlanta. In the course of generating the cell matrix for Figure A.2 the map was originally divided into 8 km squares that were continually subdivided until the desired resolution was obtained. The Atlanta CBD was subdivided into the smallest cells (1 km square) and the areas of lesser concentrated activity around the CBD were divided into 2 km squares. The lower density, western and northwestern parts of Atlanta were divided into 4 km squares and the northeastern portion was divided into two 8 km squares.

After completing this gridding procedure on the census tract/Super-district maps the identical grid network was applied to a Fulton County map with municipalities indicated on it. In this way the subareas treated in the analyses of residential fuel combustion and transportation emissions were distributed to the appropriate cells of the grid network.

The final step of the master gridding procedure involved estimating portions of the various subcounty areas located in each of the master grid cells. To insure accuracy this apportioning was done with a planimeter and the fractional estimates for each subarea set were recorded in the 4.1 Tables. Examples of these 4.1 Tables for the residential fuel combustion-transportation and commercial/institutional-industrial-solid waste subarea sets are provided below.

Although the 123 cell network involved a considerable amount of effort in gridding and apportioning the various subareas, we feel that it provides optimal resolution for modeling air quality from the allocated emissions for Fulton County. This grid system is neither more refined than the original data sets would permit nor so gross that it destroys resolution achieved by the separate analyses.

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton

B. Subcounty Area Set Residential, Transportation

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>36</sup> - 7 <sup>33</sup> | Atlanta                              | .013                                                |
| 37 <sup>36</sup> - 7 <sup>35</sup> |                                      | .013                                                |
| 37 <sup>36</sup> - 7 <sup>37</sup> |                                      | .013                                                |
| 37 <sup>37</sup> - 7 <sup>39</sup> |                                      | .003                                                |
| 37 <sup>37</sup> - 7 <sup>40</sup> |                                      | .003                                                |
| 37 <sup>36</sup> - 7 <sup>39</sup> |                                      | .003                                                |
| 37 <sup>36</sup> - 7 <sup>40</sup> |                                      | .003                                                |
| 37 <sup>36</sup> - 7 <sup>41</sup> |                                      | .003                                                |
| 37 <sup>36</sup> - 7 <sup>42</sup> |                                      | .003                                                |
| 37 <sup>34</sup> - 7 <sup>39</sup> |                                      | .013                                                |
| 37 <sup>34</sup> - 7 <sup>41</sup> |                                      | .013                                                |
| 37 <sup>34</sup> - 7 <sup>43</sup> |                                      | .013                                                |
| 37 <sup>34</sup> - 7 <sup>45</sup> |                                      | .005                                                |
| 37 <sup>34</sup> - 7 <sup>37</sup> |                                      | .013                                                |
| 37 <sup>32</sup> - 7 <sup>39</sup> |                                      | .009                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Commercial/Institutional-Industrial-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>38</sup> - 7 <sup>41</sup> | 12-NW                                | .004                                                |
| 37 <sup>39</sup> - 7 <sup>41</sup> | 12-NW                                | .001                                                |
| 37 <sup>36</sup> - 7 <sup>39</sup> | 13-SE                                | .002                                                |
| 37 <sup>36</sup> - 7 <sup>40</sup> |                                      | .010                                                |
| 37 <sup>36</sup> - 7 <sup>41</sup> |                                      | .015                                                |
| 37 <sup>36</sup> - 7 <sup>42</sup> |                                      | .015                                                |
| 37 <sup>36</sup> - 7 <sup>43</sup> |                                      | .030                                                |
| 37 <sup>36</sup> - 7 <sup>45</sup> |                                      | .012                                                |
| 37 <sup>34</sup> - 7 <sup>39</sup> |                                      | .035                                                |
| 37 <sup>34</sup> - 7 <sup>41</sup> |                                      | .061                                                |
| 37 <sup>34</sup> - 7 <sup>43</sup> |                                      | .061                                                |
| 37 <sup>34</sup> - 7 <sup>45</sup> |                                      | .024                                                |
| 37 <sup>34</sup> - 7 <sup>37</sup> |                                      | .002                                                |
| 37 <sup>32</sup> - 7 <sup>37</sup> |                                      | .012                                                |
| 37 <sup>32</sup> - 7 <sup>39</sup> |                                      | .061                                                |

## A.4 Master Grid Emissions

This last section of Appendix A briefly illustrates some of the final results from the Fulton County test case. Also described is an additional technique not treated in the text of Volume 13. This technique involves generating a table that shows how total emissions for each pollutant are distributed among the five sources in each grid square.

The 4.2 Tables included below show the final allocated emissions for grid squares 46 through 75 for each of the four years under study (1970, 1975, 1980 and 1985). These summary pages of the test case were selected for presentation because, as will be seen later, total 1970 emissions were disaggregated by source for grid squares 58, 59, 67 and 68. Therefore, the 4.2 Tables provide a reference for these grids and also show emission projection results for a range of grids in Fulton County. By following through the 4.2 Tables for a given grid square, one can see that the pollutant-specific emissions are, for the most part, growing between the five-year intervals. The major deficiency in simply inspecting the 4.2 Tables, however, is that the user cannot determine what sources account for major portions of the total emissions for each pollutant. In other words, the 4.2 Tables do not directly address the basic issue behind Air Quality Maintenance Planning; what emission control strategies should be implemented in a particular area (e.g., grid square)?

To overcome this deficiency, a closer examination of grid squares with high emission concentrations that signify specific air quality problems is strongly recommended. Total emissions tabulated in the 4.2 Tables should be disaggregated by source. A disaggregation of 1970 emissions is shown in Table A.4 for grids 58, 59, 67 and 68. These grids were selected for this demonstration because they are all 4-square-km cells and near the Atlanta CBD. While these four grids do not have the highest emission rates in Fulton County, they were selected as representative of the 2 km x 2 km squares that were developed for most of the county.

From Table A.4 it is readily evident that transportation accounts for the heavy concentrations of CO emissions in the four areas near the Atlanta CBD. In each case, automotive vehicles account for over 99% of an average CO level of 1713 tons/yr. Hence, a transportation plan designed to reduce VMT would be an appropriate strategy for lowering CO emissions in these areas.

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1970

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|----------------------------------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC <sup>a</sup> | (6)<br>NO <sub>x</sub> <sup>a</sup> |
| 46. 37 <sup>30</sup> - 7 <sup>43</sup> | 90.1                   | 15.7                   | 1718.3    |                        |                                     |
| 47. 37 <sup>30</sup> - 7 <sup>45</sup> | 37.9                   | 11.5                   | 661.4     |                        |                                     |
| 48. 37 <sup>32</sup> - 7 <sup>23</sup> | 6.2                    | 2.9                    | 296.8     |                        |                                     |
| 49. 37 <sup>32</sup> - 7 <sup>27</sup> | 146.2                  | 24.0                   | 2476.3    |                        |                                     |
| 50. 37 <sup>32</sup> - 7 <sup>31</sup> | 184.3                  | 36.6                   | 5865.2    |                        |                                     |
| 51. 37 <sup>32</sup> - 7 <sup>55</sup> | 46.0                   | 7.9                    | 5.0       |                        |                                     |
| 52. 37 <sup>32</sup> - 7 <sup>57</sup> | 46.5                   | 5.4                    | 5.8       |                        |                                     |
| 53. 37 <sup>32</sup> - 7 <sup>59</sup> | 87.1                   | 14.0                   | 1192.9    |                        |                                     |
| 54. 37 <sup>32</sup> - 7 <sup>41</sup> | 90.1                   | 15.7                   | 1718.3    |                        |                                     |
| 55. 37 <sup>32</sup> - 7 <sup>45</sup> | 90.1                   | 15.7                   | 1718.3    |                        |                                     |
| 56. 37 <sup>32</sup> - 7 <sup>45</sup> | 37.9                   | 6.4                    | 661.4     |                        |                                     |
| 57. 37 <sup>34</sup> - 7 <sup>55</sup> | 47.8                   | 9.8                    | 1711.9    |                        |                                     |
| 58. 37 <sup>34</sup> - 7 <sup>57</sup> | 49.3                   | 10.0                   | 1712.2    |                        |                                     |
| 59. 37 <sup>34</sup> - 7 <sup>59</sup> | 67.4                   | 12.6                   | 1715.1    |                        |                                     |
| 60. 37 <sup>34</sup> - 7 <sup>41</sup> | 90.1                   | 15.7                   | 1718.3    |                        |                                     |

<sup>a</sup>These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

**Table 4.2**  
**Master Grid Emissions**

A. County Fulton  
B. Year 1970

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|----------------------------------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5) <sup>a</sup><br>HC | (6) <sup>a</sup><br>NO <sub>x</sub> |
| 61. 37 <sup>34</sup> - 7 <sup>43</sup> | 90.1                   | 15.7                   | 1718.3    |                        |                                     |
| 62. 37 <sup>34</sup> - 7 <sup>45</sup> | 35.3                   | 6.1                    | 661.0     |                        |                                     |
| 63. 37 <sup>36</sup> - 7 <sup>23</sup> | 23.5                   | 3.0                    | 48.4      |                        |                                     |
| 64. 37 <sup>36</sup> - 7 <sup>27</sup> | 270.3                  | 43.5                   | 2325.3    |                        |                                     |
| 65. 37 <sup>36</sup> - 7 <sup>31</sup> | 47.8                   | 9.8                    | 1711.9    |                        |                                     |
| 66. 37 <sup>36</sup> - 7 <sup>33</sup> | 121.1                  | 21.1                   | 1712.9    |                        |                                     |
| 67. 37 <sup>36</sup> - 7 <sup>35</sup> | 159.9                  | 28.3                   | 1713.6    |                        |                                     |
| 68. 37 <sup>36</sup> - 7 <sup>37</sup> | 132.2                  | 23.9                   | 1713.2    |                        |                                     |
| 69. 37 <sup>36</sup> - 7 <sup>39</sup> | 14.3                   | 2.7                    | 395.5     |                        |                                     |
| 70. 37 <sup>36</sup> - 7 <sup>40</sup> | 18.5                   | 3.4                    | 396.2     |                        |                                     |
| 71. 37 <sup>36</sup> - 7 <sup>41</sup> | 22.0                   | 3.8                    | 396.7     |                        |                                     |
| 72. 37 <sup>36</sup> - 7 <sup>42</sup> | 22.0                   | 3.8                    | 396.7     |                        |                                     |
| 73. 37 <sup>36</sup> - 7 <sup>43</sup> | 651.2                  | 162.8                  | 2203.5    |                        |                                     |
| 74. 37 <sup>36</sup> - 7 <sup>45</sup> | 184.1                  | 31.4                   | 847.1     |                        |                                     |
| 75. 37 <sup>37</sup> - 7 <sup>39</sup> | 50.5                   | 8.7                    | 395.9     |                        |                                     |

<sup>a</sup> These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1975

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|-----------------------------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC <sup>a</sup> | (6)<br>NO <sub>x</sub> <sup>a</sup> |
| 46. 37 30 - 7 45                  | 89.5                   | 15.9                   | 1016.9    |                        |                                     |
| 47. 37 30 - 7 45                  | 37.8                   | 6.6                    | 391.6     |                        |                                     |
| 48. 37 32 - 7 23                  | 7.8                    | 4.3                    | 307.1     |                        |                                     |
| 49. 37 32 - 7 27                  | 154.3                  | 26.3                   | 1567.3    |                        |                                     |
| 50. 37 32 - 7 31                  | 191.7                  | 38.0                   | 3492.2    |                        |                                     |
| 51. 37 32 - 7 35                  | 49.7                   | 9.2                    | 5.5       |                        |                                     |
| 52. 37 32 - 7 37                  | 48.3                   | 5.9                    | 6.3       |                        |                                     |
| 53. 37 32 - 7 39                  | 86.7                   | 14.3                   | 707.6     |                        |                                     |
| 54. 37 32 - 7 41                  | 89.5                   | 15.9                   | 1016.9    |                        |                                     |
| 55. 37 32 - 7 43                  | 89.5                   | 15.9                   | 1016.9    |                        |                                     |
| 56. 37 32 - 7 45                  | 37.8                   | 6.6                    | 391.6     |                        |                                     |
| 57. 37 34 - 7 35                  | 49.4                   | 10.1                   | 1010.1    |                        |                                     |
| 58. 37 34 - 7 37                  | 51.0                   | 10.3                   | 1010.4    |                        |                                     |
| 59. 37 34 - 7 39                  | 67.5                   | 12.9                   | 1013.5    |                        |                                     |
| 60. 37 34 - 7 41                  | 89.5                   | 15.9                   | 1016.9    |                        |                                     |

<sup>a</sup> These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1975

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|-----------------------------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5) <sub>a</sub><br>HC | (6) <sub>a</sub><br>NO <sub>x</sub> |
| 61. 37 34 - 7 43                  | 89.5                   | 15.9                   | 1016.9    |                        |                                     |
| 62. 37 34 - 7 45                  | 35.1                   | 6.2                    | 391.2     |                        |                                     |
| 63. 37 36 - 7 23                  | 25.1                   | 3.4                    | 50.2      |                        |                                     |
| 64. 37 36 - 7 27                  | 303.4                  | 49.1                   | 1469.8    |                        |                                     |
| 65. 37 36 - 7 31                  | 49.4                   | 10.1                   | 1010.1    |                        |                                     |
| 66. 37 36 - 7 33                  | 138.9                  | 24.7                   | 1011.2    |                        |                                     |
| 67. 37 36 - 7 35                  | 186.0                  | 32.0                   | 1012.0    |                        |                                     |
| 68. 37 36 - 7 37                  | 152.0                  | 26.7                   | 1011.5    |                        |                                     |
| 69. 37 36 - 7 39                  | 14.9                   | 2.8                    | 233.6     |                        |                                     |
| 70. 37 36 - 7 40                  | 18.7                   | 3.4                    | 234.3     |                        |                                     |
| 71. 37 36 - 7 41                  | 21.8                   | 3.9                    | 234.9     |                        |                                     |
| 72. 37 36 - 7 42                  | 21.8                   | 3.9                    | 234.9     |                        |                                     |
| 73. 37 36 - 7 43                  | 720.0                  | 195.0                  | 1560.5    |                        |                                     |
| 74. 37 36 - 7 45                  | 208.8                  | 38.1                   | 599.9     |                        |                                     |
| 75. 37 37 - 7 39                  | 59.1                   | 9.9                    | 234.0     |                        |                                     |

<sup>a</sup>These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1980

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|-----------------------------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC <sup>a</sup> | (6)<br>NO <sub>x</sub> <sup>a</sup> |
| 46. 37 30 - 7 43                  | 91.2                   | 16.5                   | 430.0     |                        |                                     |
| 47. 37 30 - 7 45                  | 38.5                   | 6.8                    | 165.9     |                        |                                     |
| 48. 37 32 - 7 23                  | 8.7                    | 5.2                    | 160.3     |                        |                                     |
| 49. 37 32 - 7 27                  | 165.1                  | 28.1                   | 687.2     |                        |                                     |
| 50. 37 32 - 7 31                  | 203.1                  | 39.4                   | 1471.1    |                        |                                     |
| 51. 37 32 - 7 35                  | 54.1                   | 10.6                   | 5.9       |                        |                                     |
| 52. 37 32 - 7 37                  | 51.0                   | 6.3                    | 6.8       |                        |                                     |
| 53. 37 32 - 7 39                  | 88.5                   | 14.9                   | 301.5     |                        |                                     |
| 54. 37 32 - 7 41                  | 91.2                   | 16.5                   | 430.0     |                        |                                     |
| 55. 37 32 - 7 43                  | 91.2                   | 16.5                   | 430.0     |                        |                                     |
| 56. 37 32 - 7 45                  | 38.5                   | 6.8                    | 165.9     |                        |                                     |
| 57. 37 34 - 7 35                  | 52.2                   | 10.5                   | 422.9     |                        |                                     |
| 58. 37 34 - 7 37                  | 53.7                   | 10.7                   | 423.1     |                        |                                     |
| 59. 37 34 - 7 39                  | 69.3                   | 13.2                   | 426.4     |                        |                                     |
| 60. 37 34 - 7 41                  | 91.2                   | 16.5                   | 430.0     |                        |                                     |

<sup>a</sup>These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1990

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|-----------------------------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC <sup>a</sup> | (6)<br>NO <sub>x</sub> <sup>a</sup> |
| 61. 37 34 - 7 43                  | 91.2                   | 16.5                   | 430.0     |                        |                                     |
| 62. 37 34 - 7 45                  | 35.8                   | 6.4                    | 165.6     |                        |                                     |
| 63. 37 36 - 7 23                  | 27.0                   | 3.7                    | 27.9      |                        |                                     |
| 64. 37 36 - 7 27                  | 345.7                  | 55.5                   | 646.6     |                        |                                     |
| 65. 37 36 - 7 31                  | 52.2                   | 10.5                   | 422.9     |                        |                                     |
| 66. 37 36 - 7 33                  | 162.2                  | 28.0                   | 424.0     |                        |                                     |
| 67. 37 36 - 7 35                  | 219.6                  | 37.1                   | 425.0     |                        |                                     |
| 68. 37 36 - 7 37                  | 178.1                  | 30.5                   | 424.4     |                        |                                     |
| 69. 37 36 - 7 39                  | 15.6                   | 2.9                    | 98.1      |                        |                                     |
| 70. 37 36 - 7 40                  | 19.2                   | 3.6                    | 98.1      |                        |                                     |
| 71. 37 36 - 7 41                  | 22.4                   | 4.0                    | 99.5      |                        |                                     |
| 72. 37 36 - 7 42                  | 22.4                   | 4.0                    | 99.5      |                        |                                     |
| 73. 37 36 - 7 45                  | 856.3                  | 238.0                  | 1078.7    |                        |                                     |
| 74. 37 36 - 7 45                  | 243.3                  | 44.2                   | 254.5     |                        |                                     |
| 75. 37 37 - 7 39                  | 70.3                   | 11.6                   | 98.6      |                        |                                     |

<sup>a</sup> These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

Table 4.2

## Master Grid Emissions

A. County FultonB. Year 1985

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|----------------------------------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC <sup>a</sup> | (6)<br>NO <sub>x</sub> <sup>a</sup> |
| 46. 37 <sup>30</sup> - 7 <sup>43</sup> | 94.1                   | 17.1                   | 286.0     |                        |                                     |
| 47. 37 <sup>30</sup> - 7 <sup>45</sup> | 39.7                   | 7.1                    | 110.6     |                        |                                     |
| 48. 37 <sup>32</sup> - 7 <sup>23</sup> | 11.5                   | 7.5                    | 180.7     |                        |                                     |
| 49. 37 <sup>32</sup> - 7 <sup>27</sup> | 181.5                  | 32.1                   | 515.2     |                        |                                     |
| 50. 37 <sup>32</sup> - 7 <sup>31</sup> | 220.2                  | 42.6                   | 986.5     |                        |                                     |
| 51. 37 <sup>32</sup> - 7 <sup>33</sup> | 59.9                   | 12.1                   | 7.1       |                        |                                     |
| 52. 37 <sup>32</sup> - 7 <sup>37</sup> | 55.2                   | 6.9                    | 7.5       |                        |                                     |
| 53. 37 <sup>32</sup> - 7 <sup>39</sup> | 91.4                   | 15.4                   | 202.2     |                        |                                     |
| 54. 37 <sup>32</sup> - 7 <sup>41</sup> | 94.1                   | 17.1                   | 286.0     |                        |                                     |
| 55. 37 <sup>32</sup> - 7 <sup>43</sup> | 94.1                   | 17.1                   | 286.0     |                        |                                     |
| 56. 37 <sup>32</sup> - 7 <sup>45</sup> | 39.7                   | 7.1                    | 110.6     |                        |                                     |
| 57. 37 <sup>34</sup> - 7 <sup>33</sup> | 46.4                   | 11.1                   | 278.1     |                        |                                     |
| 58. 37 <sup>34</sup> - 7 <sup>37</sup> | 57.9                   | 11.4                   | 278.4     |                        |                                     |
| 59. 37 <sup>34</sup> - 7 <sup>39</sup> | 63.4                   | 14.0                   | 281.9     |                        |                                     |
| 60. 37 <sup>34</sup> - 7 <sup>41</sup> | 94.1                   | 17.1                   | 286.0     |                        |                                     |

<sup>a</sup> These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1985

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |                        |                                     |
|----------------------------------------|------------------------|------------------------|-----------|------------------------|-------------------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC <sup>a</sup> | (6)<br>NO <sub>x</sub> <sup>a</sup> |
| 61. 37 <sup>34</sup> - 7 <sup>43</sup> | 94.1                   | 17.1                   | 286.0     |                        |                                     |
| 62. 37 <sup>34</sup> - 7 <sup>45</sup> | 36.9                   | 6.7                    | 110.1     |                        |                                     |
| 63. 37 <sup>36</sup> - 7 <sup>23</sup> | 29.9                   | 4.5                    | 31.4      |                        |                                     |
| 64. 37 <sup>36</sup> - 7 <sup>27</sup> | 396.2                  | 65.3                   | 484.7     |                        |                                     |
| 65. 37 <sup>36</sup> - 7 <sup>31</sup> | 56.4                   | 11.1                   | 278.1     |                        |                                     |
| 66. 37 <sup>36</sup> - 7 <sup>33</sup> | 187.9                  | 32.4                   | 279.5     |                        |                                     |
| 67. 37 <sup>36</sup> - 7 <sup>35</sup> | 256.4                  | 43.5                   | 280.4     |                        |                                     |
| 68. 37 <sup>36</sup> - 7 <sup>37</sup> | 206.7                  | 35.5                   | 279.8     |                        |                                     |
| 69. 37 <sup>36</sup> - 7 <sup>39</sup> | 16.7                   | 3.1                    | 64.7      |                        |                                     |
| 70. 37 <sup>36</sup> - 7 <sup>40</sup> | 20.0                   | 3.7                    | 65.5      |                        |                                     |
| 71. 37 <sup>36</sup> - 7 <sup>41</sup> | 23.0                   | 4.2                    | 66.2      |                        |                                     |
| 72. 37 <sup>36</sup> - 7 <sup>42</sup> | 23.0                   | 4.2                    | 66.2      |                        |                                     |
| 73. 37 <sup>36</sup> - 7 <sup>45</sup> | 1013.3                 | 287.5                  | 1047.9    |                        |                                     |
| 74. 37 <sup>36</sup> - 7 <sup>45</sup> | 306.6                  | 57.6                   | 406.4     |                        |                                     |
| 75. 37 <sup>37</sup> - 7 <sup>39</sup> | 82.3                   | 13.7                   | 65.2      |                        |                                     |

<sup>a</sup>These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

Table A.4  
1970 Pollutant Specific Emissions for Individual Grids  
Disaggregated by Source:  
Fulton County, Georgia

| Master Grid                          |                | Part.   |       | SO <sub>2</sub> |       | CO      |       | HC <sup>a</sup> |   | NO <sub>x</sub> <sup>a</sup> |   |
|--------------------------------------|----------------|---------|-------|-----------------|-------|---------|-------|-----------------|---|------------------------------|---|
| Designation                          | Source         | Tons/yr | %     | Tons/yr         | %     | Tons/yr | %     | Tons/yr         | % | Tons/yr                      | % |
| 58 37 <sup>34</sup> -7 <sup>37</sup> |                | 49.3    | 100.0 | 10.0            | 100.0 | 1712.2  | 100.0 |                 |   |                              |   |
|                                      | Residential    | 2.0     | 4.1   | 2.5             | 25.0  | 1.6     | 0.1   |                 |   |                              |   |
|                                      | Transportation | 7.7     | 15.6  | 3.0             | 30.0  | 1705.6  | 99.6  |                 |   |                              |   |
|                                      | Commer./Inst.  | 0.7     | 1.4   | 1.0             | 10.0  | 0.6     | 0.1   |                 |   |                              |   |
|                                      | Industrial     | 0.1     | 0.2   | 0.1             | 1.0   | 0.2     | 0.0   |                 |   |                              |   |
|                                      | Solid Waste    | 38.8    | 78.7  | 3.4             | 34.0  | 4.0     | 0.2   |                 |   |                              |   |
| 59 37 <sup>34</sup> -7 <sup>39</sup> |                | 67.4    | 100.0 | 12.6            | 100.0 | 1715.1  | 100.0 |                 |   |                              |   |
|                                      | Residential    | 2.0     | 3.0   | 2.5             | 19.8  | 1.6     | 0.1   |                 |   |                              |   |
|                                      | Transportation | 7.7     | 11.4  | 3.0             | 23.8  | 1705.8  | 99.5  |                 |   |                              |   |
|                                      | Commer./Inst.  | 1.0     | 1.5   | 1.2             | 9.5   | 0.8     | 0.0   |                 |   |                              |   |
|                                      | Industrial     | 0.8     | 1.2   | 0.7             | 5.6   | 1.0     | 0.1   |                 |   |                              |   |
|                                      | Solid Waste    | 55.9    | 82.9  | 5.2             | 41.3  | 5.9     | 0.3   |                 |   |                              |   |
| 67 37 <sup>36</sup> -7 <sup>35</sup> |                | 159.9   | 100.0 | 28.3            | 100.0 | 1713.6  | 100.0 |                 |   |                              |   |
|                                      | Residential    | 2.0     | 1.3   | 2.5             | 8.8   | 1.6     | 0.1   |                 |   |                              |   |
|                                      | Transportation | 7.7     | 4.8   | 3.0             | 10.6  | 1705.6  | 99.5  |                 |   |                              |   |
|                                      | Commer./Inst.  | 1.0     | 0.6   | 1.3             | 4.6   | 0.8     | 0.1   |                 |   |                              |   |
|                                      | Industrial     | 97.5    | 61.0  | 17.1            | 60.4  | 0.3     | 0.0   |                 |   |                              |   |
|                                      | Solid Waste    | 51.7    | 32.3  | 4.4             | 15.6  | 5.1     | 0.3   |                 |   |                              |   |
| 68 37 <sup>36</sup> -7 <sup>37</sup> |                | 132.2   | 100.0 | 23.9            | 100.0 | 1713.2  | 100.0 |                 |   |                              |   |
|                                      | Residential    | 2.0     | 1.5   | 2.5             | 10.5  | 1.6     | 0.1   |                 |   |                              |   |
|                                      | Transportation | 7.7     | 5.8   | 3.0             | 12.5  | 1705.6  | 99.6  |                 |   |                              |   |
|                                      | Commer./Inst.  | 0.8     | 0.6   | 1.3             | 5.4   | 0.7     | 0.0   |                 |   |                              |   |
|                                      | Industrial     | 73.3    | 55.5  | 12.9            | 54.0  | 0.3     | 0.0   |                 |   |                              |   |
|                                      | Solid Waste    | 48.4    | 36.6  | 4.2             | 17.6  | 4.8     | 0.3   |                 |   |                              |   |

<sup>a</sup>These pollutants have been excluded from this analysis as they will be treated on an AQCR basis.

Particulates are the second major emission problem in grids 58, 59, 67 and 68. Unlike CO emissions, however, the particulate emissions are attributable to more than one source. In grids 67 and 68 the particulate problem has been traced to industrial, solid waste incineration, and transportation, in that order. On the average these sources respectively account for 58%, 34% and 8% of the particulate emissions. Therefore, an adequate Air Quality Maintenance Plan would have to be aimed at all three of these sources in grids 67 and 68. Similarly, in grids 58 and 59 the particulate problem can be traced to solid waste incineration and transportation sources that respectively account for 81% and 8% of the particulate emissions. An effective particulate maintenance plan would therefore have to address both of these sources in grids 58 and 59.

The technique illustrated in Table A.4 has not been included in the procedures detailed in Volume 13 of the Guidelines because it involves a substantial effort that may not be warranted or necessary for all grid cells of an AQCR county under study. However, where large concentrations of total emissions are evident for a specific pollutant, it is strongly recommended that the user trace the cause of these emissions back to their most significant sources. Only by going through the process of obtaining results such as those illustrated in Table A.4 can Air Quality Maintenance Plans be keyed directly to specific sources of emissions.

## APPENDIX B

### Trial Application of the Subcounty Emission Allocation Procedures to Fulton County, Georgia; Complete Documentation

#### B.1 Introduction

This appendix provides complete documentation of the subcounty emission allocation test case summarized in Appendix A. Since Appendix A gave only a summary of the results for Fulton County, Georgia, Appendix B provides a detailed step by step analysis for each forecast year for each of the five emission source categories. All of the tables used to generate the forecasted emissions are included in this appendix.

The emission estimates shown in this appendix were computed to demonstrate the subcounty emission allocation procedures prescribed in Volume 13 of the Guidelines. The results document forecasted emissions derived from data provided by the Atlanta Regional Commission (ARC) and the U.S. Census Bureau. As such, the resulting emissions projections only approximate future conditions that can be anticipated in Fulton County, Georgia. Local planning agencies, the air pollution control board and the regional office of the USEPA would undoubtedly have better information and a knowledge of previous growth patterns that would facilitate a more accurate prediction of future emissions than it has been possible to calculate here. Therefore, the emission forecasts presented do not necessarily represent the actual situation in the Atlanta area and should not be construed as the final Air Quality Maintenance Analysis for Fulton County, Georgia.

#### B.2 Emission Sources

## B.2.1 Residential Fuel Combustion Emissions

### Residential Fuel Combustion Allocation Procedure

#### ORDER 1

Allocate fuel use by population distribution

#### ORDER 2

Allocate fuel use by dwelling unit distribution

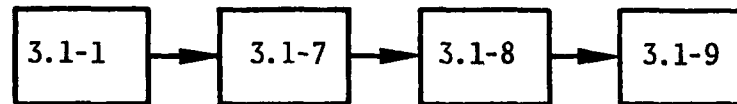
#### ORDER 3

Compute fuel use in each subarea

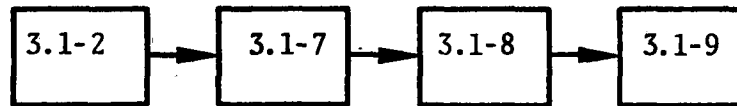
Allocation  
Procedure

Sequence of Tables

Order 1



Order 2



Order 3

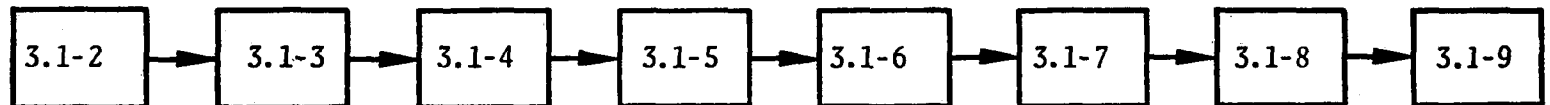


Fig. 3.1-1 Residential Fuel Combustion Allocation Table Sequence

ASSUMPTIONS AND LIMITATIONS OF THE EXAMPLE  
FOR RESIDENTIAL FUEL COMBUSTION EMISSIONS

- A. Growth in dwelling units was assumed to equal growth in the number of households which were the only applicable data available in the data set supplied by the Atlanta Regional Commission (ARC).
- B. The residential building size distribution for 1970 was held constant through all forecast years.
- C. The residential fuel use distribution for 1970 was held constant through all forecast years.
- D. The residential fuel combustion emission factors were held constant from 1970 through 1985.
- E. Residential emissions were calculated for each forecast year as the product of the dwelling unit growth rate and emissions estimated sequentially from the base year.

Table 3.1-1

## Population-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 1

| (1)<br>Subareas       | (2)<br>Population | (3)<br>Allocation Proportion |
|-----------------------|-------------------|------------------------------|
| Atlanta               | 455,140           | .749                         |
| Fairburn              | 3,143             | .005                         |
| Hapeville             | 9,567             | .016                         |
| Rosswell              | 5,430             | .009                         |
| Union City            | 3,031             | .005                         |
| East Point            | 39,315            | .065                         |
| College Park          | 12,305            | .020                         |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
| SUBAREA TOTAL         | 527,931           | .869                         |
| Residual <sup>1</sup> | 79,661            | .131                         |
| D. COUNTY TOTAL       | 607,592           | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the population accounted for by all specified subcounty areas.

$$RP = TPOP - \sum_{i=1}^N POP_i$$

where: RP = Residual population not accounted for by specified subareas  
 TPOP = COUNTY TOTAL (row D, column [2])  
 POP<sub>i</sub> = Population in each specified subcounty area i.

Table 3.1-7  
Residential Fuel Use Allocated  
to Subcounty Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 1

| (1)<br>Subarea                        | Annual Fuel Use    |                   |                |                                  |                 |                                                       |
|---------------------------------------|--------------------|-------------------|----------------|----------------------------------|-----------------|-------------------------------------------------------|
|                                       | Coal<br>(tons/yr ) |                   |                | Oil<br>(10 <sup>3</sup> gal/yr ) |                 | Natural Gas<br>(10 <sup>6</sup> ft <sup>3</sup> /yr ) |
|                                       | (2)<br>Anthracite  | (3)<br>Bituminous | (4)<br>Lignite | (5)<br>Distillate                | (6)<br>Residual | (7)                                                   |
| Atlanta                               |                    | 9213              |                | 2800                             |                 | 10,486                                                |
| Fairburn                              |                    | 62                |                | 19                               |                 | 70                                                    |
| Hapeville                             |                    | 197               |                | 60                               |                 | 224                                                   |
| Rosswell                              |                    | 111               |                | 34                               |                 | 126                                                   |
| Union City                            |                    | 62                |                | 19                               |                 | 70                                                    |
| East Point                            |                    | 800               |                | 243                              |                 | 910                                                   |
| College Park                          |                    | 246               |                | 75                               |                 | 280                                                   |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
| SUBAREA TOTAL                         |                    | 10689             |                | 3248                             |                 | 12,166                                                |
| Residual                              |                    | 1611              |                | 490                              |                 | 1,834                                                 |
| D. ACTUAL COUNTY TOTAL                |                    | 12300             |                | 3738                             |                 | 14,000                                                |
| E. COMPUTED COUNTY TOTAL <sup>1</sup> |                    | -                 |                | -                                |                 | -                                                     |

<sup>1</sup> This row will be used only in cases where an Order 3 allocation procedure is being followed.

Table 3.1-8  
Residential Fuel Combustion Emission Factors

A. County Fulton  
 B. Year 1970  
 C. Allocation orders 1

| (1)         |            | Emission Factors                          |                                           |                                           |            |                          |
|-------------|------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|------------|--------------------------|
|             |            | (2)<br>Part.                              | (3)<br>SO <sub>x</sub>                    | (4)<br>CO                                 | (5)<br>HC* | (6)<br>NO <sub>x</sub> * |
| Coal        | Anthracite |                                           |                                           |                                           |            |                          |
|             | Bituminous | 14.6 lb/ton                               | 64.6 lb/ton                               | 10 lb/ton                                 |            |                          |
|             | Lignite    |                                           |                                           |                                           |            |                          |
| Oil         | Distillate | 10 lb/<br>10 <sup>3</sup> gal             | 30.24 lb/<br>10 <sup>3</sup> gal          | 5 lb/<br>10 <sup>3</sup> gal              |            |                          |
|             | Residual   |                                           |                                           |                                           |            |                          |
| Natural Gas |            | 19 lb/<br>10 <sup>6</sup> ft <sup>3</sup> | .6 lb/<br>10 <sup>6</sup> ft <sup>3</sup> | 20 lb/<br>10 <sup>6</sup> ft <sup>3</sup> |            |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Table 3.1-9  
Residential Fuel Combustion Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 1

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| Atlanta         | 180.87                 | 343.06                 | 157.92    |           |                        |
| Fairburn        | 1.21                   | 2.31                   | 1.06      |           |                        |
| Hapeville       | 3.87                   | 7.34                   | 3.38      |           |                        |
| Rosswell        | 2.17                   | 4.14                   | 1.90      |           |                        |
| Union City      | 1.21                   | 2.31                   | 1.06      |           |                        |
| East Point      | 15.70                  | 29.78                  | 13.71     |           |                        |
| College Park    | 4.83                   | 9.16                   | 4.22      |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 209.85                 | 398.01                 | 183.22    |           |                        |
| Residual        | 31.63                  | 59.99                  | 27.62     |           |                        |
| D. COUNTY TOTAL | 241.48                 | 458.01                 | 210.84    |           |                        |

Table 3.1-2

## Dwelling-Unit-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 2

| (1)<br>Subarea        | (2)<br>Number of<br>Dwelling Units | (3)<br>Allocation Proportion |
|-----------------------|------------------------------------|------------------------------|
| Atlanta               | 156,471                            | .753                         |
| Fairburn              | 949                                | .005                         |
| Hapeville             | 3,700                              | .018                         |
| Rosswell              | 1,696                              | .008                         |
| Union City            | 851                                | .004                         |
| East Point            | 13,123                             | .063                         |
| College Park          | 4,264                              | .020                         |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
| SUBAREA TOTAL         | 181,054                            | .871                         |
| Residual <sup>1</sup> | 26,725                             | .129                         |
| D. COUNTY TOTAL       | 207,779                            | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the dwelling units accounted for by all specified subcounty areas.

$$RDU = TDU - \sum_{i=1}^N DU_i$$

where:

RDU = Residual dwelling units not accounted for by specified subareas  
 TDU = COUNTY TOTAL (row D, column 2)  
 DU<sub>i</sub> = Dwelling units in each specified subcounty area i

Table 3.1-7  
Residential Fuel Use Allocated  
to Subcounty Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 2

| (1)<br><br>Subarea                    | Annual Fuel Use       |                       |                    |                                  |                     | Natural Gas<br>(10 <sup>6</sup> ft <sup>3</sup> /yr )<br><br>(7) |
|---------------------------------------|-----------------------|-----------------------|--------------------|----------------------------------|---------------------|------------------------------------------------------------------|
|                                       | Coal<br>(tons/yr )    |                       |                    | Oil<br>(10 <sup>3</sup> gal/yr ) |                     |                                                                  |
|                                       | (2)<br><br>Anthracite | (3)<br><br>Bituminous | (4)<br><br>Lignite | (5)<br><br>Distillate            | (6)<br><br>Residual |                                                                  |
| Atlanta                               |                       | 9262                  |                    | 2815                             |                     | 10,542                                                           |
| Fairburn                              |                       | 62                    |                    | 19                               |                     | 70                                                               |
| Hapeville                             |                       | 221                   |                    | 67                               |                     | 252                                                              |
| Rosswell                              |                       | 98                    |                    | 30                               |                     | 112                                                              |
| Union City                            |                       | 49                    |                    | 15                               |                     | 56                                                               |
| East Point                            |                       | 775                   |                    | 235                              |                     | 882                                                              |
| College Park                          |                       | 246                   |                    | 75                               |                     | 280                                                              |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
| SUBAREA TOTAL                         |                       | 10713                 |                    | 3256                             |                     | 12,194                                                           |
| Residual                              |                       | 1587                  |                    | 482                              |                     | 1,806                                                            |
| D. ACTUAL COUNTY TOTAL                |                       | 12300                 |                    | 3738                             |                     | 14,000                                                           |
| E. COMPUTED COUNTY TOTAL <sup>1</sup> |                       | -                     |                    | -                                |                     | -                                                                |

<sup>1</sup> This row will be used only in cases where an Order 3 allocation procedure is being followed.

Table 3.1-8  
Residential Fuel Combustion Emission Factors

A. County Fulton  
 B. Year 1970  
 C. Allocation order 2

| (1)         |            | Emission Factors                          |                                           |                                           |             |                          |
|-------------|------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------|--------------------------|
|             |            | (2)<br>Part.                              | (3)<br>SO <sub>x</sub>                    | (4)<br>CO                                 | (5)<br>HC * | (6)<br>NO <sub>x</sub> * |
| Coal        | Anthracite |                                           |                                           |                                           |             |                          |
|             | Bituminous | 14.6 lb/ton                               | 64.6 lb/ton                               | 10 lb/ton                                 |             |                          |
|             | Lignite    |                                           |                                           |                                           |             |                          |
| Oil         | Distillate | 10 lb/<br>10 <sup>3</sup> gal             | 30.24 lb/<br>10 <sup>3</sup> gal          | 5 lb/<br>10 <sup>3</sup> gal              |             |                          |
|             | Residual   |                                           |                                           |                                           |             |                          |
| Natural Gas |            | 19 lb/<br>10 <sup>6</sup> ft <sup>3</sup> | .6 lb/<br>10 <sup>6</sup> ft <sup>3</sup> | 20 lb/<br>10 <sup>6</sup> ft <sup>3</sup> |             |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Table 3.1-9  
Residential Fuel Combustion Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 2

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| Atlanta         | 181.84                 | 344.89                 | 158.77    |           |                        |
| Fairburn        | 1.21                   | 2.31                   | 1.06      |           |                        |
| Hapeville       | 4.34                   | 8.23                   | 3.79      |           |                        |
| Rosswell        | 1.93                   | 3.65                   | 1.68      |           |                        |
| Union City      | .96                    | 1.83                   | .84       |           |                        |
| East Point      | 15.21                  | 28.85                  | 13.28     |           |                        |
| College Park    | 4.83                   | 9.16                   | 4.22      |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 210.33                 | 398.92                 | 183.64    |           |                        |
| Residual        | 31.15                  | 59.09                  | 27.20     |           |                        |
| D. COUNTY TOTAL | 241.48                 | 458.01                 | 210.84    |           |                        |

Table 3.1-2

## Dwelling-Unit-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| (1)<br>Subarea,       | (2)<br>Number of<br>Dwelling Units | (3)<br>Allocation Proportion |
|-----------------------|------------------------------------|------------------------------|
| Atlanta               | 156,471                            | .753                         |
| Fairburn              | 949                                | .005                         |
| Hapeville             | 3,700                              | .018                         |
| Rosswell              | 1,696                              | .008                         |
| Union City            | 851                                | .004                         |
| East Point            | 13,123                             | .063                         |
| College Park          | 4,264                              | .020                         |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
| SUBAREA TOTAL         | 181,054                            | .871                         |
| Residual <sup>1</sup> | 26,725                             | .129                         |
| D. COUNTY TOTAL       | 207,779                            | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the dwelling units accounted for by all specified subcounty areas.

$$RDU = TDU - \sum_{i=1}^N DU_i$$

where:

RDU = Residual dwelling units not accounted for by specified subareas  
 TDU = COUNTY TOTAL (row D, column 2)  
 DU<sub>i</sub> = Dwelling units in each specified subcounty area i

**Table 3.1-3**  
**Residential Building Size Distribution**

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| (1)<br><br>Subarea | Dwelling Units by Building Size <sup>1</sup> |            |        |            |        |            |        |            |        |            |        |            | Total<br>Dwelling<br>Units<br><br>(8) |
|--------------------|----------------------------------------------|------------|--------|------------|--------|------------|--------|------------|--------|------------|--------|------------|---------------------------------------|
|                    | (2)                                          |            | (3)    |            | (4)    |            | (5)    |            | (6)    |            | (7)    |            |                                       |
|                    | 1                                            | 2-4        | 5+     |            |        |            |        |            |        |            |        |            |                                       |
|                    | Number                                       | Proportion | Number | Proportion | Number | Proportion | Number | Proportion | Number | Proportion | Number | Proportion |                                       |
| Atlanta            | 77,140                                       | .493       | 26,131 | .167       | 53,200 | .340       |        |            |        |            |        |            | 156,471                               |
| Fairburn           | 840                                          | .885       | 85     | .090       | 24     | .025       |        |            |        |            |        |            | 949                                   |
| Hapeville          | 2,213                                        | .598       | 696    | .188       | 791    | .214       |        |            |        |            |        |            | 3,700                                 |
| Rosswell           | 1,241                                        | .732       | 214    | .126       | 241    | .142       |        |            |        |            |        |            | 1,696                                 |
| Union City         | 699                                          | .821       | 116    | .136       | 36     | .043       |        |            |        |            |        |            | 851                                   |
| East Point         | 8,832                                        | .673       | 2,493  | .190       | 1,798  | .137       |        |            |        |            |        |            | 13,123                                |
| College Park       | 2,345                                        | .550       | 849    | .199       | 1,070  | .251       |        |            |        |            |        |            | 4,264                                 |
|                    |                                              |            |        |            |        |            |        |            |        |            |        |            |                                       |
|                    |                                              |            |        |            |        |            |        |            |        |            |        |            |                                       |
|                    |                                              |            |        |            |        |            |        |            |        |            |        |            |                                       |
|                    |                                              |            |        |            |        |            |        |            |        |            |        |            |                                       |
|                    |                                              |            |        |            |        |            |        |            |        |            |        |            |                                       |
|                    |                                              |            |        |            |        |            |        |            |        |            |        |            |                                       |
|                    |                                              |            |        |            |        |            |        |            |        |            |        |            |                                       |
|                    |                                              |            |        |            |        |            |        |            |        |            |        |            |                                       |
|                    |                                              |            |        |            |        |            |        |            |        |            |        |            |                                       |
|                    |                                              |            |        |            |        |            |        |            |        |            |        |            |                                       |
| SUBAREA TOTAL      | 93,310                                       |            | 30,584 | .169       | 57,160 | .316       |        |            |        |            |        |            | 181,054                               |
| Residual           | 19,322                                       |            | 160    | .006       | 7,243  | .271       |        |            |        |            |        |            | 26,725                                |
| D. COUNTY TOTAL    | 112,632                                      | 1.0        | 30,744 | 1.0        | 64,403 | 1.0        |        | 1.0        |        | 1.0        |        | 1.0        | 207,779                               |

<sup>1</sup> Building size categories are arbitrary. User must specify intervals for number of dwelling units per building based on considerations of data availability, level of detail desired and time required for computation.



Table 3.1-5  
Residential Fuel Use Factors by Building Size

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| (1)<br>Number of<br>Dwelling Units<br>per Building <sup>1</sup> | Fuel Use Factors         |                   |                |                          |                 |                                              |
|-----------------------------------------------------------------|--------------------------|-------------------|----------------|--------------------------|-----------------|----------------------------------------------|
|                                                                 | Coal<br>(lbs/degree-day) |                   |                | Oil<br>(gals/degree-day) |                 | Natural Gas<br>(ft <sup>3</sup> /degree-day) |
|                                                                 | (2)<br>Anthracite        | (3)<br>Bituminous | (4)<br>Lignite | (5)<br>Distillate        | (6)<br>Residual | (7)                                          |
| 1                                                               |                          | 2.38              |                | .157                     |                 | 26.6                                         |
| 2-4                                                             |                          | 2.14              |                | .142                     |                 | 23.9                                         |
| 5+                                                              |                          | 1.62              |                | .107                     |                 | 17.0                                         |
|                                                                 |                          |                   |                |                          |                 |                                              |
|                                                                 |                          |                   |                |                          |                 |                                              |
|                                                                 |                          |                   |                |                          |                 |                                              |

<sup>1</sup> User must specify building size categories in accordance with those specified in Table 3.1-3.

Table 3.1-6

## Annual Residential Fuel Use by Building Size

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| (1)<br>Number of<br>Dwelling Units<br>Per Building <sup>1</sup> | Annual Fuel Use   |                   |                |                                 |                 |                                                      |
|-----------------------------------------------------------------|-------------------|-------------------|----------------|---------------------------------|-----------------|------------------------------------------------------|
|                                                                 | Coal<br>(tons/yr) |                   |                | Oil<br>(10 <sup>3</sup> gal/yr) |                 | Natural Gas<br>(10 <sup>6</sup> ft <sup>3</sup> /yr) |
|                                                                 | (2)<br>Anthracite | (3)<br>Bituminous | (4)<br>Lignite | (5)<br>Distillate               | (6)<br>Residual | (7)                                                  |
| 1                                                               |                   | 3.55              |                | .468                            |                 | .079                                                 |
| 2-4                                                             |                   | 3.19              |                | .424                            |                 | .071                                                 |
| 5+                                                              |                   | 2.42              |                | .319                            |                 | .051                                                 |
|                                                                 |                   |                   |                |                                 |                 |                                                      |
|                                                                 |                   |                   |                |                                 |                 |                                                      |
|                                                                 |                   |                   |                |                                 |                 |                                                      |

<sup>1</sup> User must specify building size categories in accordance with those specified in Table 3.1-3.

NOTE: Annual degree days for Atlanta = 2983.

### Residential Fuel Use Allocated to Subcounty Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| (1)<br><br>Subarea                    | Annual Fuel Use       |                       |                    |                                  |                     | Natural Gas<br>(10 <sup>6</sup> ft <sup>3</sup> /yr )<br><br>(7) |
|---------------------------------------|-----------------------|-----------------------|--------------------|----------------------------------|---------------------|------------------------------------------------------------------|
|                                       | Coal<br>(tons/yr )    |                       |                    | Oil<br>(10 <sup>3</sup> gal/yr ) |                     |                                                                  |
|                                       | (2)<br><br>Anthracite | (3)<br><br>Bituminous | (4)<br><br>Lignite | (5)<br><br>Distillate            | (6)<br><br>Residual |                                                                  |
| Atlanta                               |                       | 2915                  |                    | 642                              |                     | 9,479                                                            |
| Fairburn                              |                       | 79                    |                    | 45                               |                     | 60                                                               |
| Hapeville                             |                       | 288                   |                    | 93                               |                     | 216                                                              |
| Rosswell                              |                       | 136                   |                    | 44                               |                     | 102                                                              |
| Union City                            |                       | 70                    |                    | 23                               |                     | 53                                                               |
| East Point                            |                       | 1048                  |                    | 340                              |                     | 789                                                              |
| College Park                          |                       | -0-                   |                    | -0-                              |                     | 261                                                              |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
| SUBAREA TOTAL                         |                       | 4536                  |                    | 1187                             |                     | 10,960                                                           |
| Residual                              |                       | 2079                  |                    | 673                              |                     | 1,556                                                            |
| D. ACTUAL COUNTY TOTAL                |                       | 12300                 |                    | 3738                             |                     | 14,000                                                           |
| E. COMPUTED COUNTY TOTAL <sup>1</sup> |                       | 6615                  |                    | 1860                             |                     | 12,516                                                           |

|                    |      |      |      |
|--------------------|------|------|------|
| Correction factor* | 1.86 | 2.01 | 1.12 |
|--------------------|------|------|------|

<sup>1</sup> This row will be used only in cases where an Order 3 allocation procedure is being followed.

\*These values are the result of row D divided by row E.

Table 3.1-7  
Residential Fuel Use Allocated  
to Subcounty Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

ADJUSTED

| (1)<br>Subarea                        | Annual Fuel Use    |                   |                |                                  |                 |                                                       |
|---------------------------------------|--------------------|-------------------|----------------|----------------------------------|-----------------|-------------------------------------------------------|
|                                       | Coal<br>(tons/yr ) |                   |                | Oil<br>(10 <sup>3</sup> gal/yr ) |                 | Natural Gas<br>(10 <sup>6</sup> ft <sup>3</sup> /yr ) |
|                                       | (2)<br>Anthracite  | (3)<br>Bituminous | (4)<br>Lignite | (5)<br>Distillate                | (6)<br>Residual | (7)                                                   |
| Atlanta                               |                    | 5420              |                | 1290                             |                 | 10,603                                                |
| Fairburn                              |                    | 147               |                | 90                               |                 | 67                                                    |
| Hapeville                             |                    | 536               |                | 187                              |                 | 242                                                   |
| Rosswell                              |                    | 253               |                | 88                               |                 | 114                                                   |
| Union City                            |                    | 130               |                | 46                               |                 | 59                                                    |
| East Point                            |                    | 1948              |                | 683                              |                 | 883                                                   |
| College Park                          |                    | -0-               |                | -0-                              |                 | 292                                                   |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
|                                       |                    |                   |                |                                  |                 |                                                       |
| SUBAREA TOTAL                         |                    | 8434              |                | 2384                             |                 | 12,260                                                |
| Residual                              |                    | 3866              |                | 1353                             |                 | 1,740                                                 |
| D. ACTUAL COUNTY TOTAL                |                    | 12300             |                | 3738                             |                 | 14,000                                                |
| E. COMPUTED COUNTY TOTAL <sup>1</sup> |                    | 12300             |                | 3737                             |                 | 14,000                                                |

<sup>1</sup> This row will be used only in cases where an Order 3 allocation procedure is being followed.

Table 3.1-8  
Residential Fuel Combustion Emission Factors

A. County Fulton  
 B. Year 1970  
 C. Allocation order 3

| (1)         |            | Emission Factors                          |                                           |                                           |             |                          |
|-------------|------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------|--------------------------|
|             |            | (2)<br>Part.                              | (3)<br>SO <sub>x</sub>                    | (4)<br>CO                                 | (5)<br>HC * | (6)<br>NO <sub>x</sub> * |
| Coal        | Anthracite |                                           |                                           |                                           |             |                          |
|             | Bituminous | 14.6 lb/ton                               | 64.6 lb/ton                               | 10 lb/ton                                 |             |                          |
|             | Lignite    |                                           |                                           |                                           |             |                          |
| Oil         | Distillate | 10 lb/<br>10 <sup>3</sup> gal             | 30.24 lb/<br>10 <sup>3</sup> gal          | 5 lb/<br>10 <sup>3</sup> gal              |             |                          |
|             | Residual   |                                           |                                           |                                           |             |                          |
| Natural Gas |            | 19 lb/<br>10 <sup>6</sup> ft <sup>3</sup> | .6 lb/<br>10 <sup>6</sup> ft <sup>3</sup> | 20 lb/<br>10 <sup>6</sup> ft <sup>3</sup> |             |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Table 3.1-9  
Residential Fuel Combustion Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| Atlanta         | 146.74                 | 197.75                 | 136.36    |           |                        |
| Fairburn        | 2.16                   | 6.13                   | 1.63      |           |                        |
| Hapeville       | 7.15                   | 20.21                  | 5.57      |           |                        |
| Rosswell        | 3.37                   | 9.54                   | 2.62      |           |                        |
| Union City      | 1.74                   | 4.91                   | 1.36      |           |                        |
| East Point      | 26.02                  | 73.51                  | 20.28     |           |                        |
| College Park    | 2.77                   | .09                    | 2.92      |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 189.96                 | 312.16                 | 170.73    |           |                        |
| Residual        | 51.52                  | 145.85                 | 40.11     |           |                        |
| D. COUNTY TOTAL | 241.48                 | 457.99                 | 210.84    |           |                        |

Table 3.1-2

## Dwelling-Unit-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| (1)<br>Subarea        | (2)<br>Number of<br>Dwelling Units | (3)<br>Allocation Proportion |
|-----------------------|------------------------------------|------------------------------|
| Atlanta               | 163,199                            | .699                         |
| Fairburn              | 1,287                              | .006                         |
| Hapeville             | 3,940                              | .017                         |
| Rosswell              | 2,500                              | .011                         |
| Union City            | 1,276                              | .005                         |
| East Point            | 15,288                             | .066                         |
| College Park          | 5,761                              | .025                         |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
| SUBAREA TOTAL         | 193,252                            | .828                         |
| Residual <sup>1</sup> | 40,084                             | .172                         |
| D. COUNTY TOTAL       | 233,336                            | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the dwelling units accounted for by all specified subcounty areas.

$$RDU = TDU - \sum_{i=1}^N DU_i$$

where:

RDU = Residual dwelling units not accounted for by specified subareas  
 TDU = COUNTY TOTAL (row D, column 2)  
 DU<sub>i</sub> = Dwelling units in each specified subcounty area i

Table 3.1-9  
Residential Fuel Combustion Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1975  
C. Allocation Order 3

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| Atlanta         | 153.05                 | 206.25                 | 142.22    |           |                        |
| Fairburn        | 2.93                   | 8.31                   | 2.21      |           |                        |
| Hapeville       | 7.61                   | 21.52                  | 5.93      |           |                        |
| Rosswell        | 4.97                   | 14.06                  | 3.86      |           |                        |
| Union City      | 2.61                   | 7.36                   | 2.04      |           |                        |
| East Point      | 30.31                  | 85.64                  | 23.63     |           |                        |
| College Park    | 3.74                   | .12                    | 3.94      |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 205.22                 | 343.26                 | 183.83    |           |                        |
| Residual        | 78.31                  | 221.69                 | 60.97     |           |                        |
| D. COUNTY TOTAL | 283.53                 | 564.95                 | 244.80    |           |                        |

Table 3.1-2

## Dwelling-Unit-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 3

| (1)<br>Subarea        | (2)<br>Number of<br>Dwelling Units | (3)<br>Allocation Proportion |
|-----------------------|------------------------------------|------------------------------|
| Atlanta               | 169,890                            | .657                         |
| Fairburn              | 1,625                              | .006                         |
| Hapeville             | 4,180                              | .016                         |
| Rosswell              | 3,305                              | .013                         |
| Union City            | 1,701                              | .007                         |
| East Point            | 17,459                             | .067                         |
| College Park          | 7,259                              | .028                         |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
| SUBAREA TOTAL         | 205,419                            | .794                         |
| Residual <sup>1</sup> | 53,351                             | .206                         |
| D. COUNTY TOTAL       | 258,770                            | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the dwelling units accounted for by all specified subcounty areas.

$$RDU = TDU - \sum_{i=1}^N DU_i$$

where:

RDU = Residual dwelling units not accounted for by specified subareas  
 TDU = COUNTY TOTAL (row D, column 2)  
 DU<sub>i</sub> = Dwelling units in each specified subcounty area i

Table 3.1-9  
Residential Fuel Combustion Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1980  
C. Allocation Order 3

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| Atlanta         | 159.33                 | 214.71                 | 148.05    |           |                        |
| Fairburn        | 3.70                   | 10.50                  | 2.79      |           |                        |
| Hapeville       | 8.07                   | 22.83                  | 6.29      |           |                        |
| Rosswell        | 6.57                   | 18.59                  | 5.10      |           |                        |
| Union City      | 3.48                   | 9.81                   | 2.72      |           |                        |
| East Point      | 34.61                  | 97.80                  | 26.99     |           |                        |
| College Park    | 4.71                   | .15                    | 4.96      |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 220.47                 | 374.39                 | 196.90    |           |                        |
| Residual        | 96.24                  | 272.45                 | 74.93     |           |                        |
| D. COUNTY TOTAL | 316.71                 | 646.84                 | 271.83    |           |                        |

Table 3.1-2

## Dwelling-Unit-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| (1)<br>Subarea        | (2)<br>Number of<br>Dwelling Units | (3)<br>Allocation Proportion |
|-----------------------|------------------------------------|------------------------------|
| Atlanta               | 181,612                            | .606                         |
| Fairburn              | 2,283                              | .008                         |
| Hapeville             | 4,364                              | .015                         |
| Rosswell              | 4,402                              | .015                         |
| Union City            | 2,245                              | .007                         |
| East Point            | 19,048                             | .064                         |
| College Park          | 8,116                              | .027                         |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
|                       |                                    |                              |
| SUBAREA TOTAL         | 222,070                            | .741                         |
| Residual <sup>1</sup> | 77,586                             | .259                         |
| D. COUNTY TOTAL       | 299,656                            | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the dwelling units accounted for by all specified subcounty areas.

$$RDU = TDU - \sum_{i=1}^N DU_i$$

where:

RDU = Residual dwelling units not accounted for by specified subareas  
 TDU = COUNTY TOTAL (row D, column 2)  
 DU<sub>i</sub> = Dwelling units in each specified subcounty area i

Table 3.1-9  
Residential Fuel Combustion Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1985  
C. Allocation Order 3

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| Atlanta         | 170.32                 | 229.52                 | 158.27    |           |                        |
| Fairburn        | 5.20                   | 14.75                  | 3.92      |           |                        |
| Hapeville       | 8.43                   | 23.83                  | 6.57      |           |                        |
| Rosswell        | 8.75                   | 24.76                  | 6.79      |           |                        |
| Union City      | 4.59                   | 12.95                  | 3.59      |           |                        |
| East Point      | 37.76                  | 106.70                 | 29.45     |           |                        |
| College Park    | 5.27                   | .17                    | 5.55      |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 240.32                 | 412.68                 | 214.14    |           |                        |
| Residual        | 141.38                 | 400.23                 | 110.07    |           |                        |
| D. COUNTY TOTAL | 381.70                 | 812.91                 | 324.21    |           |                        |

## B. 2. 2 Transportation Emissions

### Transportation Allocation Procedure

#### ALL ORDERS

Isolate limited access highways

#### ORDER 1

Allocate VMT by population distribution

#### ORDER 2

Determine subarea VMT using planning study

#### ORDER 3

Determine subarea VMT by simulation model  
Locate other transportation sources

## Sequence of Tables

### Allocation Procedure

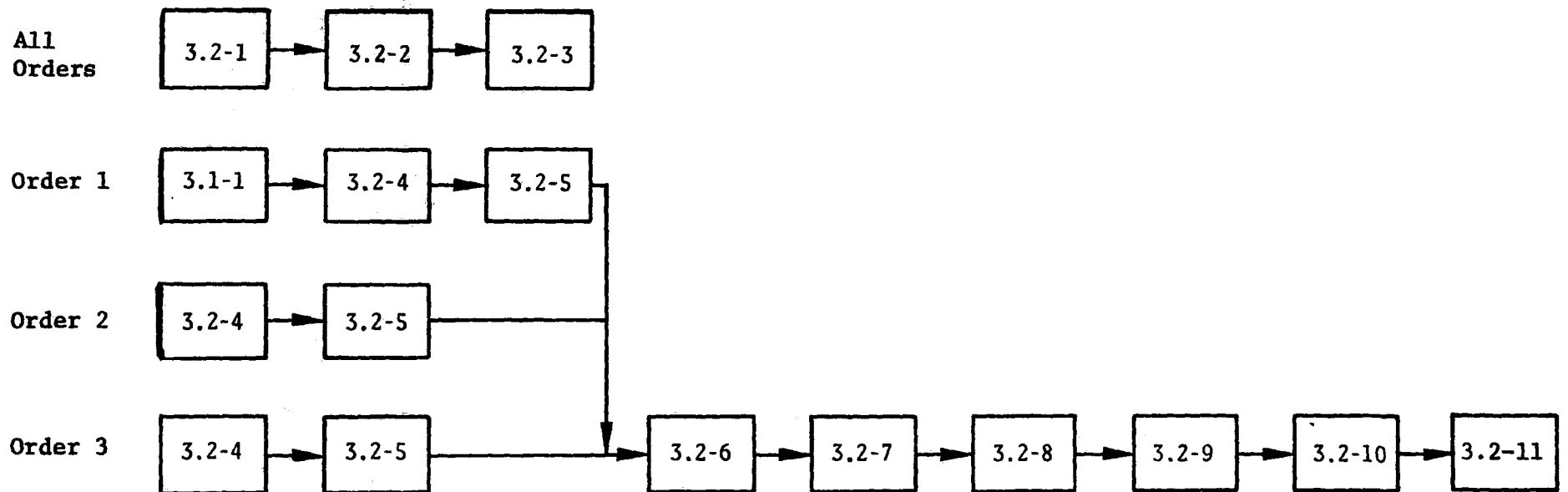


Figure 3.2-1 Transportation Allocation Table Sequence

ASSUMPTIONS AND LIMITATIONS OF THE EXAMPLE  
FOR TRANSPORTATION AND EMISSIONS

- A. Order 1 computations were performed because the data available for analysis necessitated this.
- B. Only motor vehicle emissions were computed since the data for other transportation modes could not be obtained within the time constraints of the project. It is not expected that the states would experience this difficulty, because the county-wide computations would be completed and the necessary data already collected.
- C. Future year results (1975, 1980, 1985) are not representative of the actual situation in Fulton County, Georgia, because the forecasting methods employed were not adjusted for the proposed transit system or any additional highway or arterial street links.
- D. Forecasts of VMT (Vehicle Miles of Travel) were computed in the following manner:
  - 1) Total county population for 1970, 1980, 1990 were obtained from the Atlanta Regional Commission.
  - 2) Five year growth rates were calculated by interpolating the decade data, such that the percentage growth for the first five years equaled the percentage growth for the second five years.
  - 3) Using 1970 VMT for each limited access highway link, classified by vehicle type, to start each succeeding year's VMT was obtained by multiplying VMT from the previous year by the factor,  $1 + \text{population growth rate}$ . The rate of increase in annual miles driven for all vehicle types were thereby assumed to equal the rate of county population growth.
  - 4) The VMT on every highway link was assumed to grow at the same rate.
  - 5) Non-limited-access-highway VMT also grew at the same rate as population. The increases were distributed the same as population increases in the various towns and rural areas.
  - 6) The above procedure was done only as a substitute for the projections prepared by the state highway department, but unavailable to us in time to prepare the example. It is not recommended that forecasts be obtained using the above procedure, since the effects of all known changes, such as Atlanta's proposed new transit system, should be accounted for in any forecast.
- E. Because national average vehicle age distributions were not available for the forecast years considered, the 1970 age distribution was weighted by annual miles driven and applied to each forecast year. Although it would

be reasonable to assume that the proportion of older cars will increase in the future (i.e., the distribution of vehicles will age), such modified projections could not be obtained. Using the 1970 age distribution corrected for annual miles driven, it was reasoned that this approach provided a better solution to data deficiencies than assuming a constant rate of automobile replacement.

- F. The motor vehicle emissions estimates are probably conservative (e.g., high) and this is considered appropriate for Order 1 computations.
- G. The speed factors for limited access highways were determined using AP-42 and the average speed for each link was assumed to be 45 MPH. This conservative estimate was applied because assuming a higher average speed would yield lower speed correction factors and, therefore, lower emissions estimates. The speed correction factor of 0.5 was used to estimate CO.
- H. On Table 3.2-2, Columns (1)-(3) are the same for all years. Columns (4)-(6) are not applicable for forecast years. Column (10) is always 45 MPH.

Table 3.2-1

## Motor Vehicle Emission Factors

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 1

| Emission Factors<br>(grams/vehicle-mile) |              |                        |           |                          |                        |                          |
|------------------------------------------|--------------|------------------------|-----------|--------------------------|------------------------|--------------------------|
| (1)<br>Vehicle<br>Class                  | (2)<br>Part. | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC *<br>(exhaust) | (6)<br>HC *<br>(evap.) | (7)<br>NO <sub>x</sub> * |
| LDG                                      | .34          | .13                    | 75.2      |                          |                        |                          |
| HDG                                      | .65          | .26                    | 138.1     |                          |                        |                          |
| HDD                                      | 1.2          | 2.4                    | 20.4      |                          |                        |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Table 3.2-2a  
Limited Access Highway Data

A. County Fulton  
B. Year 1970  
C. Allocation Order 1

| Identification<br>Number<br>(1) | Highway Segment |      |            |      | Length<br>(mi)<br>(4) | Annual Volume<br>(10 <sup>6</sup> vehicles/yr) |       |       | VMT<br>(10 <sup>6</sup> vehicle-miles/yr) |       |       | Speed <sup>1</sup><br>(mph)<br>(11) |
|---------------------------------|-----------------|------|------------|------|-----------------------|------------------------------------------------|-------|-------|-------------------------------------------|-------|-------|-------------------------------------|
|                                 | (2)<br>Begin    |      | (3)<br>End |      |                       | (5)                                            | (6)   | (7)   | (8)                                       | (9)   | (10)  |                                     |
|                                 | x               | y    | x          | y    |                       | LDG                                            | HDG   | HDD   | LDG                                       | HDG   | HDD   |                                     |
| 1                               | 741.6           | 3726 | 741.6      | 3727 | 0.32                  | 14.64                                          | 1.093 | .338  | 4.69                                      | .350  | .108  | 45                                  |
| 2                               | 741.6           | 3727 | 741.3      | 3729 | 1.98                  | 18.30                                          | 1.366 | .422  | 36.23                                     | 2.704 | .835  | 45                                  |
| 3                               | 741.3           | 3729 | 741.2      | 3731 | 0.52                  | 21.90                                          | 1.635 | .505  | 11.39                                     | .850  | .263  | 45                                  |
| 4                               | 741.2           | 3731 | 741.1      | 3732 | 0.70                  | 26.59                                          | 1.985 | .613  | 18.61                                     | 1.389 | .429  | 45                                  |
| 5                               | 741.1           | 3732 | 741.6      | 3736 | 1.80                  | 36.19                                          | 2.701 | .834  | 65.15                                     | 4.863 | 1.502 | 45                                  |
| *6                              | 741.1           | 3336 | 741.9      | 3737 | 1.10                  | 40.42                                          | 3.017 | .932  | 44.46                                     | 3.319 | 1.025 | 45                                  |
| *7                              | 741.9           | 3737 | 741.1      | 3739 | 0.60                  | 42.20                                          | 3.150 | .973  | 25.32                                     | 1.890 | .584  | 45                                  |
| *8                              | 741.1           | 3739 | 741.1      | 3739 | 0.40                  | 36.80                                          | 2.747 | .848  | 14.72                                     | 1.099 | .339  | 45                                  |
| *9                              | 741.1           | 3739 | 741.1      | 3740 | 0.20                  | 47.36                                          | 3.535 | 1.092 | 9.47                                      | .707  | .218  | 45                                  |
| *10                             | 741.1           | 3740 | 741.1      | 3741 | 0.45                  | 45.38                                          | 3.387 | 1.046 | 20.42                                     | 1.524 | .471  | 45                                  |
| *11                             | 741.1           | 3741 | 741.1      | 3741 | 0.40                  | 37.36                                          | 2.789 | .861  | 14.94                                     | 1.116 | .345  | 45                                  |
| *12                             | 741.1           | 3741 | 741.1      | 3741 | 0.25                  | 35.90                                          | 2.680 | .828  | 8.98                                      | .670  | .207  | 45                                  |
| *13                             | 741.1           | 3741 | 741.1      | 3742 | 0.20                  | 39.17                                          | 2.924 | .903  | 7.83                                      | 5.848 | .181  | 45                                  |
| *14                             | 741.1           | 3742 | 741.1      | 3743 | 0.18                  | 44.13                                          | 3.294 | 1.017 | 7.94                                      | .593  | .183  | 45                                  |
| *15                             | 741.1           | 3743 | 741.1      | 3743 | 0.50                  | 42.91                                          | 3.203 | .989  | 21.46                                     | 1.602 | .495  | 45                                  |
| D. COUNTY TOTAL                 |                 |      |            |      |                       |                                                |       |       |                                           |       |       |                                     |

<sup>1</sup> If actual data are not available use design speed for highway segment in question.

\* Coordinates estimated.

NOTE: Information for 1970 has been typed in this Table as a procedural example. Information for 1975, 1980, and 1985 is presented in computer printout format in Tables 3.2-2b, 3.2-2c, and 3.2-2d, respectively.

Table 3.2-2 a (Continued)  
Limited Access Highway Data

A. County Fulton  
B. Year 1970  
C. Allocation Order 1

| Identification<br>Number<br>(1) | Highway Segment |      |            |      | Length<br>(mi)<br>(4) | Annual Volume<br>(10 <sup>6</sup> vehicles/yr) |       |       | VMT<br>(10 <sup>6</sup> vehicle-miles/yr) |       |       | Speed <sup>1</sup><br>(mph)<br>(11) |
|---------------------------------|-----------------|------|------------|------|-----------------------|------------------------------------------------|-------|-------|-------------------------------------------|-------|-------|-------------------------------------|
|                                 | (2)<br>Begin    |      | (3)<br>End |      |                       | (5)                                            | (6)   | (7)   | (8)                                       | (9)   | (10)  |                                     |
|                                 | x               | y    | x          | y    |                       | LDG                                            | HDG   | HDD   | LDG                                       | HDG   | HDD   |                                     |
| *16                             | 741.1           | 3743 | 741.1      | 3744 | 0.71                  | 45.17                                          | 3.371 | 1.041 | 30.07                                     | 2.393 | .739  | 45                                  |
| 17                              | 741.1           | 3744 | 741.2      | 3744 | 0.36                  | 37.08                                          | 2.768 | .855  | 13.35                                     | .997  | .308  | 45                                  |
| 18                              | 741.2           | 3744 | 741.2      | 3745 | 0.70                  | 40.99                                          | 3.059 | .945  | 28.69                                     | 2.141 | .661  | 45                                  |
| 19                              | 741.2           | 3745 | 740.3      | 3747 | 1.03                  | 24.89                                          | 1.797 | .545  | 25.64                                     | 1.851 | .561  | 45                                  |
| 20                              | 740.3           | 3747 | 739.6      | 3747 | 0.36                  | 25.86                                          | 1.930 | .596  | 9.31                                      | .695  | .215  | 45                                  |
| 21                              | 739.6           | 3747 | 736.8      | 3750 | 2.02                  | 21.94                                          | 1.638 | .506  | 44.32                                     | 3.309 | 1.022 | 45                                  |
| 22                              | 736.8           | 3750 | 737.2      | 3752 | 1.20                  | 21.55                                          | 1.609 | .497  | 25.86                                     | 1.931 | .596  | 45                                  |
| 23                              | 737.2           | 3752 | 736.8      | 3755 | 1.10                  | 24.47                                          | 1.826 | .564  | 26.92                                     | 2.009 | .620  | 45                                  |
| 24                              | 736.8           | 3755 | 736.2      | 3756 | 1.00                  | 18.90                                          | 1.410 | .436  | 18.90                                     | 1.410 | .436  | 45                                  |
| 25                              | 736.2           | 3756 | 734.1      | 3758 | 1.15                  | 19.07                                          | 1.424 | .440  | 21.93                                     | 1.638 | .506  | 45                                  |
| 26                              | 734.6           | 3721 | 733.1      | 3721 | 0.70                  | 22.06                                          | 1.647 | .509  | 15.44                                     | 1.153 | .356  | 45                                  |
| 27                              | 733.1           | 3721 | 732.1      | 3721 | 0.80                  | 18.90                                          | 1.411 | .436  | 15.12                                     | 1.129 | .349  | 45                                  |
| 28                              | 732.1           | 3721 | 731.1      | 3725 | 1.26                  | 10.59                                          | .791  | .244  | 13.34                                     | .996  | .308  | 45                                  |
| 29                              | 731.1           | 3725 | 730.6      | 3727 | 1.38                  | 10.46                                          | .936  | .304  | 14.43                                     | 1.292 | .420  | 45                                  |
| 30                              | 730.6           | 3727 | 730.1      | 3731 | 2.38                  | 10.14                                          | .672  | .209  | 24.13                                     | 1.600 | .498  | 45                                  |
| D. COUNTY TOTAL                 |                 |      |            |      |                       |                                                |       |       |                                           |       |       |                                     |

<sup>1</sup> If actual data are not available use design speed for highway segment in question.

\* Coordinates estimated.

Table 3.2-2a (Continued)  
Limited Access Highway Data

A. County Fulton  
B. Year 1970  
C. Allocation Order 1

| Identification<br>Number<br>(1) | Highway Segment |      |            |      | Length<br>(mi)<br>(4) | Annual Volume<br>(10 <sup>6</sup> vehicles/yr) |       |       | VMT<br>(10 <sup>6</sup> vehicle-miles/yr) |       |       | Speed <sup>1</sup><br>(mph)<br>(11) |
|---------------------------------|-----------------|------|------------|------|-----------------------|------------------------------------------------|-------|-------|-------------------------------------------|-------|-------|-------------------------------------|
|                                 | (2)<br>Begin    |      | (3)<br>End |      |                       | (5)                                            | (6)   | (7)   | (8)                                       | (9)   | (10)  |                                     |
|                                 | x               | y    | x          | y    |                       | LDG                                            | HDG   | HDD   | LDG                                       | HDG   | HDD   |                                     |
| 31                              | 730.1           | 3731 | 729.9      | 3736 | 2.40                  | 9.69                                           | .736  | .235  | 23.26                                     | 1.765 | .563  | 45                                  |
| 32                              | 729.9           | 3736 | 730.7      | 3739 | 2.21                  | 14.35                                          | 1.036 | .314  | 31.71                                     | 2.289 | .694  | 45                                  |
| 33                              | 730.7           | 3739 | 731.2      | 3741 | 0.80                  | 16.66                                          | 1.244 | .384  | 13.33                                     | .995  | .307  | 45                                  |
| 34                              | 731.2           | 3741 | 731.9      | 3744 | 1.58                  | 13.46                                          | 1.004 | .310  | 21.27                                     | 1.586 | .490  | 45                                  |
| 35                              | 731.9           | 3744 | 731.2      | 3747 | 1.05                  | 16.21                                          | 1.210 | .374  | 17.02                                     | 1.271 | .392  | 45                                  |
| 36                              | 731.2           | 3747 | 730.4      | 3747 | 0.75                  | 10.85                                          | .810  | .250  | 8.14                                      | .607  | .188  | 45                                  |
| 37                              | 736.2           | 3759 | 737.9      | 3761 | 0.70                  | 21.90                                          | 1.634 | .505  | 15.33                                     | 1.144 | .353  | 45                                  |
| 38                              | 737.9           | 3761 | 743.6      | 3762 | 1.70                  | 19.69                                          | 1.445 | .431  | 33.47                                     | 2.457 | .733  | 45                                  |
| 39                              | 743.6           | 3762 | 743.5      | 3761 | 1.61                  | 23.60                                          | 1.762 | .544  | 38.00                                     | 2.837 | .876  | 45                                  |
| 40                              | 743.5           | 3761 | 744.8      | 3761 | 1.24                  | 30.10                                          | 2.247 | .694  | 37.32                                     | 2.786 | .860  | 45                                  |
| 41                              | 744.8           | 3761 | 744.2      | 3761 | 0.41                  | 18.34                                          | 1.370 | .423  | 7.52                                      | .562  | .173  | 45                                  |
| 42                              | 744.2           | 3761 | 747.6      | 3761 | 0.20                  | 22.16                                          | 1.654 | 5.108 | 4.43                                      | .678  | 2.094 | 45                                  |
| 43                              | 747.0           | 3728 | 744.9      | 3726 | 1.30                  | 13.68                                          | 1.021 | .315  | 17.78                                     | 1.327 | .410  | 45                                  |
| 44                              | 744.9           | 3726 | 744.1      | 3725 | 0.30                  | 14.64                                          | 1.093 | .338  | 4.39                                      | .328  | .101  | 45                                  |
| 45                              | 736.5           | 3725 | 737.6      | 3727 | 0.98                  | 17.62                                          | 1.315 | .406  | 17.26                                     | 1.289 | .398  | 45                                  |
| D. COUNTY TOTAL                 |                 |      |            |      |                       |                                                |       |       |                                           |       |       |                                     |

<sup>1</sup> If actual data are not available use design speed for highway segment in question.

Table 3.2-2 a (Continued)  
Limited Access Highway Data

A. County Fulton  
B. Year 1970  
C. Allocation Order 1

| Identification<br>Number<br>(1) | Highway Segment |      |            |      | Length<br>(mi)<br>(4) | Annual Volume<br>(10 <sup>6</sup> vehicles/yr) |       |      | VMT<br>(10 <sup>6</sup> vehicle-miles/yr) |       |       | Speed <sup>1</sup><br>(mph)<br>(11) |
|---------------------------------|-----------------|------|------------|------|-----------------------|------------------------------------------------|-------|------|-------------------------------------------|-------|-------|-------------------------------------|
|                                 | (2)<br>Begin    |      | (3)<br>End |      |                       | (5)                                            | (6)   | (7)  | (8)                                       | (9)   | (10)  |                                     |
|                                 | x               | y    | x          | y    |                       | LDG                                            | HOG   | HDD  | LDG                                       | HOG   | HDD   |                                     |
| 46                              | 737.6           | 3727 | 738.4      | 3728 | 0.32                  | 13.00                                          | .970  | .300 | 4.16                                      | .311  | .096  | 45                                  |
| 47                              | 738.4           | 3728 | 739.1      | 3729 | 0.54                  | 15.28                                          | 1.140 | .352 | 8.25                                      | .616  | .190  | 45                                  |
| 48                              | 739.1           | 3729 | 740        | 3730 | 1.25                  | 16.92                                          | 1.263 | .390 | 21.15                                     | 1.579 | .488  | 45                                  |
| 49                              | 740             | 3730 | 740.1      | 3729 | 0.30                  | 15.03                                          | 1.122 | .347 | 4.51                                      | 337   | .104  | 45                                  |
| 50                              | 740             | 3729 | 741.1      | 3729 | 0.60                  | 17.34                                          | 1.294 | .400 | 10.40                                     | .776  | .240  | 45                                  |
| 51                              | 741.9           | 3746 | 742.6      | 3746 | 0.25                  | 28.90                                          | 2.157 | .666 | 7.23                                      | .539  | .167  | 45                                  |
| 52                              | 742.6           | 3746 | 745        | 3748 | 1.60                  | 33.58                                          | 2.506 | .774 | 53.73                                     | 4.010 | 1.239 | 45                                  |
| 53                              | 745             | 3748 | 745.6      | 3748 | 0.21                  | 30.09                                          | 2.246 | .694 | 6.32                                      | .472  | .146  | 45                                  |
| 54                              | 745.6           | 3748 | 747        | 3749 | 1.20                  | 26.78                                          | 1.999 | .617 | 32.14                                     | 2.399 | .741  | 45                                  |
| 55                              | 725.9           | 3742 | 727.3      | 3741 | 0.70                  | 14.20                                          | 1.060 | .327 | 9.94                                      | .742  | .229  | 45                                  |
| 56                              | 727.3           | 3741 | 731.2      | 3741 | 1.88                  | 19.06                                          | 1.423 | .439 | 35.83                                     | 2.675 | .826  | 45                                  |
| 57                              | 731.2           | 3741 | 733.5      | 3740 | 1.60                  | 21.73                                          | 1.478 | .456 | 34.77                                     | 2.365 | .730  | 45                                  |
| 58                              | 733.5           | 3740 | 736.1      | 3739 | 1.75                  | 25.34                                          | 1.689 | .584 | 44.34                                     | 2.956 | 1.022 | 45                                  |
| 59                              | 436.1           | 3739 | 737.5      | 3738 | 0.88                  | 24.83                                          | 1.854 | .573 | 21.85                                     | 1.632 | .504  | 45                                  |
| 60                              | 737.5           | 3738 | 739        | 3738 | 0.79                  | 29.04                                          | 2.168 | .670 | 22.94                                     | 1.713 | .529  | 45                                  |
| D. COUNTY TOTAL                 |                 |      |            |      |                       |                                                |       |      |                                           |       |       |                                     |

<sup>1</sup> If actual data are not available use design speed for highway segment in question.

Table 3.2-2 a (Continued)  
Limited Access Highway Data

A. County Fulton  
B. Year 1970  
C. Allocation Order 1

| Identification<br>Number<br>(1) | Highway Segment |      |            |      | Length<br>(mi)<br>(4) | Annual Volume<br>(10 <sup>6</sup> vehicles/yr) |       |      | VMT<br>(10 <sup>6</sup> vehicle-miles/yr) |       |      | Speed <sup>1</sup><br>(mph)<br>(11) |
|---------------------------------|-----------------|------|------------|------|-----------------------|------------------------------------------------|-------|------|-------------------------------------------|-------|------|-------------------------------------|
|                                 | (2)<br>Begin    |      | (3)<br>End |      |                       | (5)                                            | (6)   | (7)  | (8)                                       | (9)   | (10) |                                     |
|                                 | x               | y    | x          | y    |                       | LDG                                            | HOG   | HDD  | LDG                                       | HOG   | HDD  |                                     |
| *61                             | 739             | 3738 | 739.9      | 3738 | 0.20                  | 22.17                                          | 1.655 | .511 | 4.43                                      | .331  | .102 | 45                                  |
| 62                              | 739.9           | 3738 | 740.8      | 3738 | 0.67                  | 28.40                                          | 2 120 | .655 | 12.75                                     | 1.420 | .439 | 45                                  |
| 63                              | 740.8           | 3738 | 741.5      | 3738 | 0.34                  | 28.70                                          | 2.142 | .662 | 9.76                                      | .728  | .225 | 45                                  |
| 64                              | 741.5           | 3738 | 741.1      | 3739 | 0.44                  | 28.52                                          | 2.128 | .657 | 12.55                                     | .936  | .289 | 45                                  |
| 65                              | 741.1           | 3739 | 743.2      | 3739 | 0.65                  | 29.63                                          | 2.212 | .683 | 19.26                                     | 1.438 | .444 | 45                                  |
| 66                              | 743.2           | 3739 | 744.8      | 3739 | 0.64                  | 29.96                                          | 2.236 | .691 | 19.17                                     | 1.431 | .442 | 45                                  |
| 67                              | 744.8           | 3739 | 747        | 3739 | 1.11                  | 35.20                                          | 2.627 | .811 | 39.07                                     | 2.916 | .900 | 45                                  |
| 68                              | 743.2           | 3741 | 744.1      | 3741 | 0.40                  | 9.56                                           | .713  | .220 | 3.82                                      | 2.853 | .088 | 45                                  |
| *69                             | 738.5           | 3727 | 739        | 3726 | 0.23                  | 9.73                                           | .726  | .224 | 2.24                                      | .167  | .052 | 45                                  |
| 70                              | 738.4           | 3728 | 738.5      | 3727 | 0.15                  | 6.57                                           | .491  | .152 | .99                                       | .074  | .023 | 45                                  |
| 71                              | 744.8           | 3761 | 744.8      | 3763 | 1.25                  | 5.97                                           | .445  | .138 | 7.46                                      | .557  | .172 | 45                                  |
|                                 |                 |      |            |      |                       |                                                |       |      |                                           |       |      |                                     |
|                                 |                 |      |            |      |                       |                                                |       |      |                                           |       |      |                                     |
|                                 |                 |      |            |      |                       |                                                |       |      |                                           |       |      |                                     |
|                                 |                 |      |            |      |                       |                                                |       |      |                                           |       |      |                                     |
| D. COUNTY TOTAL                 |                 |      |            |      |                       |                                                |       |      |                                           |       |      |                                     |

<sup>1</sup> If actual data are not available use design speed for highway segment in question.

\*Coordinates estimated.

Table 3.2-3a\*

Limited Access Highway Emissions

A. County Fulton  
B. Year 1970  
C. Allocation Order 1

[illegible]

\*Statistical information for this table is presented in the following computer printout tabulation with corresponding table no.

## 1970 EMISSIONS IN TONS/YR

Table 3.2-3a

| Part.      |            |            | SO <sub>x</sub> |            |            | CO         |             |             |
|------------|------------|------------|-----------------|------------|------------|------------|-------------|-------------|
| LDC<br>(2) | HDC<br>(3) | HDD<br>(4) | LDC<br>(5)      | HDC<br>(6) | HDD<br>(7) | LDC<br>(9) | HDC<br>(10) | HDD<br>(11) |
| 1.757      | 0.251      | 0.143      | 0.672           | 0.100      | 0.286      | 194.342    | 26.642      | 1.215       |
| 13.587     | 1.939      | 1.105      | 5.195           | 0.775      | 2.211      | 1502.560   | 205.942     | 9.395       |
| 4.271      | 0.610      | 0.348      | 1.633           | 0.244      | 0.695      | 472.375    | 64.753      | 2.954       |
| 6.979      | 0.996      | 0.568      | 2.668           | 0.398      | 1.136      | 771.809    | 105.789     | 4.827       |
| 24.433     | 3.487      | 1.988      | 9.342           | 1.395      | 3.976      | 2701.953   | 370.377     | 18.898      |
| 16.673     | 2.380      | 1.357      | 6.375           | 0.952      | 2.713      | 1843.881   | 252.782     | 11.532      |
| 9.496      | 1.355      | 0.772      | 3.631           | 0.542      | 1.545      | 1050.091   | 143.946     | 6.566       |
| 5.520      | 0.788      | 0.449      | 2.111           | 0.315      | 0.898      | 610.480    | 83.702      | 3.817       |
| 3.552      | 0.507      | 0.289      | 1.358           | 0.203      | 0.578      | 392.830    | 53.847      | 2.497       |
| 7.658      | 0.000      | 0.623      | 2.928           | 0.000      | 1.246      | 846.875    | 0.000       | 5.296       |
| 5.603      | 0.800      | 0.456      | 2.142           | 0.320      | 0.912      | 619.604    | 84.997      | 3.876       |
| 3.366      | 0.000      | 0.274      | 1.287           | 0.000      | 0.548      | 372.218    | 0.000       | 2.328       |
| 2.938      | 4.193      | 0.239      | 1.123           | 1.677      | 0.478      | 324.898    | 445.396     | 2.032       |
| 2.979      | 0.000      | 0.242      | 1.139           | 0.000      | 0.485      | 329.418    | 0.000       | 2.060       |
| 2.048      | 1.149      | 0.655      | 3.077           | 0.459      | 1.309      | 890.006    | 122.012     | 5.565       |
| 12.027     | 1.716      | 0.978      | 4.599           | 0.686      | 1.957      | 1330.033   | 182.256     | 8.315       |
| 5.007      | 0.714      | 0.407      | 1.914           | 0.286      | 0.815      | 553.662    | 75.896      | 3.462       |
| 10.759     | 1.535      | 0.575      | 4.114           | 0.614      | 1.751      | 1189.855   | 163.063     | 7.441       |
| 9.616      | 1.327      | 0.742      | 3.677           | 0.531      | 1.485      | 1063.363   | 140.976     | 6.310       |
| 3.491      | 0.496      | 0.234      | 1.335           | 0.199      | 0.565      | 386.112    | 52.917      | 2.414       |
| 16.621     | 2.372      | 1.353      | 6.355           | 0.949      | 2.705      | 1838.074   | 252.021     | 11.498      |
| 9.698      | 1.384      | 0.789      | 3.708           | 0.554      | 1.578      | 1072.487   | 147.069     | 6.708       |
| 10.096     | 1.440      | 0.821      | 3.860           | 0.576      | 1.642      | 1116.448   | 153.010     | 6.980       |
| 7.088      | 1.011      | 0.577      | 2.710           | 0.404      | 1.153      | 783.836    | 107.389     | 4.902       |
| 8.224      | 1.174      | 0.669      | 3.145           | 0.470      | 1.338      | 909.499    | 124.754     | 5.687       |
| 5.790      | 0.827      | 0.471      | 2.214           | 0.331      | 0.942      | 640.340    | 87.815      | 4.005       |
| 5.670      | 0.809      | 0.461      | 2.168           | 0.324      | 0.923      | 627.069    | 85.987      | 3.922       |

Table 3.2-3a (Continued)

| Part.      |            |            | SO <sub>x</sub> |            |            | CO         |             |             |
|------------|------------|------------|-----------------|------------|------------|------------|-------------|-------------|
| LDG<br>(2) | HDC<br>(3) | HDD<br>(4) | LDG<br>(5)      | HDC<br>(6) | HDD<br>(7) | LDG<br>(9) | HDC<br>(10) | HDD<br>(11) |
| 5.003      | 0.714      | 0.407      | 1.913           | 0.286      | 0.815      | 553.247    | 75.888      | 3.462       |
| 5.412      | 0.926      | 0.556      | 2.059           | 0.371      | 1.111      | 598.453    | 98.401      | 4.723       |
| 9.049      | 1.147      | 0.660      | 3.460           | 0.459      | 1.319      | 1000.739   | 121.359     | 5.607       |
| 5.723      | 1.265      | 0.745      | 3.335           | 0.506      | 1.490      | 964.657    | 134.426     | 6.332       |
| 11.892     | 1.641      | 0.918      | 4.547           | 0.656      | 1.836      | 1315.102   | 174.335     | 7.805       |
| 4.999      | 0.714      | 0.407      | 1.911           | 0.285      | 0.813      | 552.832    | 75.797      | 3.457       |
| 7.977      | 1.137      | 0.649      | 3.050           | 0.455      | 1.297      | 882.126    | 120.793     | 5.514       |
| 6.353      | 0.911      | 0.519      | 2.440           | 0.364      | 1.038      | 705.867    | 96.802      | 4.414       |
| 3.052      | 0.435      | 0.248      | 1.167           | 0.174      | 0.496      | 337.506    | 46.246      | 2.109       |
| 5.749      | 0.820      | 0.468      | 2.198           | 0.323      | 0.936      | 635.778    | 87.129      | 3.976       |
| 12.552     | 1.762      | 0.970      | 4.799           | 0.705      | 1.940      | 1388.095   | 187.130     | 8.247       |
| 14.251     | 2.034      | 1.159      | 5.449           | 0.814      | 2.319      | 1575.966   | 216.072     | 9.858       |
| 13.998     | 1.997      | 1.139      | 5.351           | 0.799      | 2.277      | 1547.765   | 212.188     | 9.679       |
| 2.820      | 0.403      | 0.229      | 1.078           | 0.161      | 0.459      | 311.834    | 42.780      | 1.950       |
| 1.682      | 0.486      | 2.772      | 0.636           | 0.194      | 5.543      | 183.807    | 51.646      | 23.559      |
| 6.668      | 0.951      | 0.543      | 2.549           | 0.381      | 1.085      | 737.388    | 101.067     | 4.612       |
| 1.647      | 0.235      | 0.134      | 0.630           | 0.094      | 0.268      | 182.149    | 24.974      | 1.140       |
| 6.473      | 0.924      | 0.527      | 2.475           | 0.370      | 1.054      | 715.821    | 98.173      | 4.478       |
| 1.560      | 0.223      | 0.127      | 0.597           | 0.089      | 0.254      | 172.527    | 23.656      | 1.079       |
| 3.094      | 0.441      | 0.252      | 1.183           | 0.177      | 0.503      | 342.192    | 46.885      | 2.140       |
| 7.932      | 1.132      | 0.645      | 3.033           | 0.453      | 1.291      | 877.150    | 120.260     | 5.486       |
| 1.691      | 0.241      | 0.138      | 0.647           | 0.097      | 0.275      | 187.001    | 25.636      | 1.170       |
| 3.900      | 0.557      | 0.317      | 1.491           | 0.223      | 0.635      | 431.317    | 59.132      | 2.698       |
| 2.710      | 0.337      | 0.220      | 1.036           | 0.155      | 0.441      | 299.641    | 41.074      | 1.873       |
| 20.150     | 2.875      | 1.640      | 7.704           | 1.150      | 3.280      | 2228.334   | 305.410     | 13.939      |
| 2.370      | 0.338      | 0.193      | 0.906           | 0.135      | 0.386      | 262.067    | 35.926      | 1.639       |
| 12.053     | 1.720      | 0.981      | 4.609           | 0.688      | 1.961      | 1332.936   | 182.713     | 8.334       |
| 3.728      | 0.532      | 0.303      | 1.425           | 0.213      | 0.606      | 412.240    | 56.512      | 2.578       |
| 13.437     | 1.918      | 1.093      | 5.138           | 0.767      | 2.187      | 1485.970   | 203.734     | 9.293       |
| 13.039     | 1.696      | 0.966      | 4.986           | 0.678      | 1.933      | 1442.009   | 180.123     | 8.215       |

Table 3.2-3a (Continued)

| Part.      |            |            | SO <sub>x</sub> |            |            | CO         |             |             |
|------------|------------|------------|-----------------|------------|------------|------------|-------------|-------------|
| LDG<br>(2) | HDG<br>(3) | HDD<br>(4) | LDG<br>(5)      | HDG<br>(6) | HDD<br>(7) | LDG<br>(9) | HDG<br>(10) | HDD<br>(11) |
| 16.628     | 2.119      | 1.353      | 6.358           | 0.848      | 2.705      | 1838.904   | 225.135     | 11.498      |
| 8.194      | 1.170      | 0.667      | 3.133           | 0.468      | 1.334      | 906.181    | 124.297     | 5.688       |
| 8.603      | 1.228      | 0.700      | 3.289           | 0.491      | 1.400      | 951.386    | 130.466     | 5.950       |
| 1.663      | 0.237      | 0.135      | 0.636           | 0.095      | 0.271      | 183.890    | 25.210      | 1.150       |
| 4.782      | 1.018      | 0.551      | 1.828           | 0.407      | 1.161      | 528.778    | 108.150     | 4.936       |
| 3.659      | 0.522      | 0.298      | 1.399           | 0.209      | 0.595      | 404.692    | 55.469      | 2.530       |
| 4.707      | 0.671      | 0.383      | 1.800           | 0.269      | 0.766      | 520.484    | 71.311      | 3.255       |
| 7.223      | 1.031      | 0.588      | 2.762           | 0.412      | 1.175      | 798.766    | 109.521     | 4.995       |
| 7.189      | 1.026      | 0.585      | 2.749           | 0.410      | 1.170      | 795.034    | 108.988     | 4.972       |
| 14.652     | 2.091      | 1.192      | 5.602           | 0.836      | 2.384      | 1620.342   | 222.089     | 10.131      |
| 1.433      | 2.045      | 0.117      | 0.548           | 0.818      | 0.233      | 158.509    | 217.291     | 0.991       |
| 0.939      | 0.120      | 0.068      | 0.321           | 0.048      | 0.136      | 92.775     | 12.719      | 0.579       |
| 0.370      | 0.053      | 0.030      | 0.141           | 0.021      | 0.060      | 40.880     | 5.606       | 0.255       |
| 2.797      | 0.399      | 0.228      | 1.069           | 0.160      | 0.455      | 309.304    | 42.392      | 1.934       |

Table 3.1-1

## Population-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 1

| (1)<br>Subareas       | (2)<br>Population | (3)<br>Allocation Proportion |
|-----------------------|-------------------|------------------------------|
| Atlanta               | 455,140           | .749                         |
| Fairburn              | 3,143             | .005                         |
| Hapeville             | 9,567             | .016                         |
| Rosswell              | 5,430             | .009                         |
| Union City            | 3,031             | .005                         |
| East Point            | 39,315            | .065                         |
| College Park          | 12,305            | .020                         |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
| SUBAREA TOTAL         | 527,931           | .869                         |
| Residual <sup>1</sup> | 79,661            | .131                         |
| D. COUNTY TOTAL       | 607,592           | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the population accounted for by all specified subcounty areas.

$$RP = TPOP - \sum_{i=1}^N POP_i$$

where: RP = Residual population not accounted for by specified subareas  
 TPOP = COUNTY TOTAL (row D, column [2])  
 POP<sub>i</sub> = Population in each specified subcounty area i.

Table 3.2-4

## Motor Vehicle Data Allocated to Subcounty Areas

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 1

| Subarea<br>(1)  | VMT<br>(10 <sup>6</sup> Vehicle-miles/yr) |            |            | Average<br>Speed<br>(mph)<br>(5) |
|-----------------|-------------------------------------------|------------|------------|----------------------------------|
|                 | (2)<br>LDG                                | (3)<br>HDG | (4)<br>HDD |                                  |
| Atlanta         | 1379.7                                    | 109.4      | .166       |                                  |
| Fairburn        | 9.2                                       | .7         | .0011      |                                  |
| Hapeville       | 29.5                                      | 2.4        | .0035      |                                  |
| Roswell         | 16.6                                      | 1.3        | .002       |                                  |
| Union City      | 9.2                                       | .7         | .0011      |                                  |
| East Point      | 119.7                                     | 9.5        | .014       |                                  |
| College Park    | 36.8                                      | 2.9        | .004       |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
| SUBAREA TOTAL   | 1600.7                                    | 126.9      | .193       |                                  |
| Residual        | 241.3                                     | 19.1       | .029       |                                  |
| D. COUNTY TOTAL | 1842.0                                    | 146        | .222       |                                  |

Table 3.2-5  
Motor Vehicle Emissions Allocated  
to Subcounty Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 1

Emissions  
(~~10<sup>6</sup> tons/yr~~) + (10<sup>6</sup> grams/yr)

| (1)<br>Subarea  | Part. |      |      | SO <sub>x</sub> |       |      | Speed<br>Correction<br>Factor<br>CO<br>(8) | CO    |      |       | Speed<br>Correction<br>Factor<br>HC<br>(12) | HC(exhaust) |      |      | HC(evap.)<br>(16) | Speed<br>Correction<br>Factor<br>NO <sub>x</sub><br>(17) | NO <sub>x</sub> |      |      |
|-----------------|-------|------|------|-----------------|-------|------|--------------------------------------------|-------|------|-------|---------------------------------------------|-------------|------|------|-------------------|----------------------------------------------------------|-----------------|------|------|
|                 | (2)   | (3)  | (4)  | (5)             | (6)   | (7)  |                                            | (9)   | (10) | (11)  |                                             | (13)        | (14) | (15) |                   |                                                          | (18)            | (19) | (20) |
|                 | LDG   | HDG  | HDD  | LDG             | HDG   | HDD  |                                            | LDG   | HDG  | HDD   |                                             | LDG         | HDG  | HDD  |                   |                                                          | LDG             | HDG  | HDD  |
| Atlanta         | 469   | 71.1 | .2   | 179             | 28    | .4   | 1.0                                        | 104E3 | 15E3 | 3.4   |                                             |             |      |      |                   |                                                          |                 |      |      |
| Fairburn        | 3.1   | .47  | .001 | 1.43            | .19   | .003 | 1.0                                        | 612   | 101  | .023  |                                             |             |      |      |                   |                                                          |                 |      |      |
| Hapeville       | 10.03 | 1.56 | .004 | 3.84            | .62   | .008 | 1.0                                        | 2218  | 331  | .072  |                                             |             |      |      |                   |                                                          |                 |      |      |
| Rosswell        | 5.6   | .845 | .002 | 2.16            | .34   | .005 | 1.0                                        | 1248  | 179  | .041  |                                             |             |      |      |                   |                                                          |                 |      |      |
| Union City      | 3.1   | .474 | .001 | 1.2             | .19   | .003 | 1.0                                        | 692   | 101  | .023  |                                             |             |      |      |                   |                                                          |                 |      |      |
| East Point      | 40.7  | 6.17 | .017 | 15.6            | 2.5   | .035 | 1.0                                        | 9001  | 1312 | .294  |                                             |             |      |      |                   |                                                          |                 |      |      |
| College Park    | 12.5  | 1.89 | .005 | 4.78            | .75   | .011 | 1.0                                        | 2767  | 400  | .09   |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |      |      |                 |       |      |                                            |       |      |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |      |      |                 |       |      |                                            |       |      |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |      |      |                 |       |      |                                            |       |      |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |      |      |                 |       |      |                                            |       |      |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |      |      |                 |       |      |                                            |       |      |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |      |      |                 |       |      |                                            |       |      |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |      |      |                 |       |      |                                            |       |      |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |      |      |                 |       |      |                                            |       |      |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |      |      |                 |       |      |                                            |       |      |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |      |      |                 |       |      |                                            |       |      |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |      |      |                 |       |      |                                            |       |      |       |                                             |             |      |      |                   |                                                          |                 |      |      |
| SUBAREA TOTAL   | 544   | 82.5 | .230 | 208.1           | 32.6  | .465 | 1.0                                        | 120E3 | 18E3 | 3.943 |                                             |             |      |      |                   |                                                          |                 |      |      |
| Residual        | 82    | 12.4 | .035 | 31.4            | 4.97  | .070 | 1.0                                        | 18E3  | 2638 | .593  |                                             |             |      |      |                   |                                                          |                 |      |      |
| D. COUNTY TOTAL | 626   | 94.9 | .265 | 239.4           | 37.56 | .535 | 1.0                                        | 138E3 | 20E3 | 4.536 |                                             |             |      |      |                   |                                                          |                 |      |      |

NOTE: All emissions values are in millions of grams. Therefore, 120E3 is read 120 billion grams.

Table 3.2-11  
 Transportation Emissions  
 Allocated to Subcounty Areas

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 1

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| Atlanta         | 595.7                  | 228.7                  | 131201.2  |           |                        |
| Fairburn        | 4.0                    | 1.8                    | 786.1     |           |                        |
| Hapeville       | 12.8                   | 5.0                    | 2810.4    |           |                        |
| Rosswell        | 7.1                    | 2.8                    | 1573.3    |           |                        |
| Union City      | 4.0                    | 1.5                    | 874.3     |           |                        |
| East Point      | 51.7                   | 20.0                   | 11370.4   |           |                        |
| College Park    | 15.9                   | 6.1                    | 3491.7    |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 690.9                  | 265.8                  | 152107.4  |           |                        |
| Residual        | 104.1                  | 40.1                   | 22754.1   |           |                        |
| D. COUNTY TOTAL | 795.0                  | 305.9                  | 174861.5  |           |                        |

Table 3.2-1

## Motor Vehicle Emission Factors

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 1

| Emission Factors<br>(grams/vehicle-mile) |              |                        |           |                         |                       |                          |
|------------------------------------------|--------------|------------------------|-----------|-------------------------|-----------------------|--------------------------|
| (1)<br>Vehicle<br>Class                  | (2)<br>Part. | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC*<br>(exhaust) | (6)<br>HC*<br>(evap.) | (7)<br>NO <sub>x</sub> * |
| LDG                                      | .34          | .13                    | 43.9      |                         |                       |                          |
| HDG                                      | .65          | .26                    | 134.6     |                         |                       |                          |
| HDD                                      | 1.2          | 2.4                    | 20.4      |                         |                       |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.



Table 3.2-2b

V VMT BY VEHICLE TYPE  
YEAR: 1975

| LDD<br>(7) | HDD<br>(8) | HDD<br>(9) |
|------------|------------|------------|
| 4.920      | 0.367      | 0.113      |
| 38.041     | 2.839      | 0.877      |
| 11.959     | 0.893      | 0.276      |
| 19.540     | 1.458      | 0.450      |
| 68.407     | 5.106      | 1.577      |
| 46.683     | 3.485      | 1.076      |
| 26.586     | 1.984      | 0.613      |
| 15.456     | 1.154      | 0.356      |
| 9.946      | 0.742      | 0.229      |
| 21.441     | 0.000      | 0.494      |
| 15.687     | 1.172      | 0.362      |
| 9.424      | 0.000      | 0.217      |
| 8.226      | 6.140      | 0.190      |
| 8.340      | 0.000      | 0.192      |
| 22.533     | 1.682      | 0.519      |
| 33.673     | 2.513      | 0.776      |
| 14.017     | 1.046      | 0.323      |
| 30.124     | 2.248      | 0.694      |
| 26.922     | 1.944      | 0.589      |
| 9.775      | 0.730      | 0.225      |
| 46.536     | 3.474      | 1.073      |
| 27.153     | 2.028      | 0.626      |
| 28.266     | 2.109      | 0.651      |
| 19.845     | 1.480      | 0.457      |
| 23.026     | 1.720      | 0.531      |
| 16.212     | 1.211      | 0.374      |
| 15.876     | 1.185      | 0.366      |
| 14.007     | 1.046      | 0.323      |

VMF by Vehicle Type  
Year: 1975

Table 3.2-2b (Continued)

| LDG<br>(7) | HDG<br>(8) | HDD<br>(9) |
|------------|------------|------------|
| 15.151     | 1.357      | 0.441      |
| 25.336     | 1.680      | 0.523      |
| 24.423     | 1.853      | 0.591      |
| 33.295     | 2.403      | 0.728      |
| 13.996     | 1.045      | 0.323      |
| 22.333     | 1.665      | 0.515      |
| 17.871     | 1.335      | 0.412      |
| 8.545      | 0.638      | 0.197      |
| 16.096     | 1.201      | 0.371      |
| 35.143     | 2.580      | 0.770      |
| 39.900     | 2.979      | 0.920      |
| 39.186     | 2.925      | 0.903      |
| 7.895      | 0.590      | 0.182      |
| 4.654      | 0.712      | 2.199      |
| 18.669     | 1.393      | 0.430      |
| 4.612      | 0.344      | 0.106      |
| 18.123     | 1.353      | 0.418      |
| 4.368      | 0.326      | 0.101      |
| 8.664      | 0.646      | 0.200      |
| 22.207     | 1.658      | 0.512      |
| 4.734      | 0.353      | 0.109      |
| 10.920     | 0.815      | 0.252      |
| 7.586      | 0.566      | 0.175      |
| 56.416     | 4.210      | 1.301      |
| 6.635      | 0.495      | 0.153      |
| 33.747     | 2.519      | 0.778      |
| 10.437     | 0.779      | 0.241      |
| 37.621     | 2.809      | 0.867      |
| 36.508     | 2.483      | 0.767      |
| 46.557     | 3.104      | 1.073      |

VMT by Vehicle Type  
Year: 1975

Table 3.2-2b (Continued)

| LDG<br>(7) | HOG<br>(8) | HDD<br>(9) |
|------------|------------|------------|
| 22.942     | 1.714      | 0.529      |
| 24.087     | 1.799      | 0.555      |
| 4.656      | 0.348      | 0.107      |
| 13.387     | 1.491      | 0.461      |
| 10.246     | 0.765      | 0.236      |
| 13.177     | 0.983      | 0.304      |
| 20.223     | 1.510      | 0.466      |
| 20.128     | 1.503      | 0.464      |
| 41.023     | 3.062      | 0.946      |
| 4.013      | 2.996      | 0.093      |
| 2.349      | 0.175      | 0.054      |
| 1.035      | 0.077      | 0.024      |
| 7.831      | 0.584      | 0.180      |

Table 3.2-35\*

Limited Access Highway Emissions

A. County Fulton

B. Year 1975

C. Allocation Order 1

[illegible]

\*Statistical information for this table is presented in the following computer printout tabulation with corresponding table no.

Table 3.2-3b

1975 EMISSIONS IN TONS/YR

| Part.      |            |            | SO <sub>x</sub> |            |            | CO         |             |             |
|------------|------------|------------|-----------------|------------|------------|------------|-------------|-------------|
| LDG<br>(2) | HDG<br>(3) | HDD<br>(4) | LDG<br>(5)      | HDG<br>(6) | HDD<br>(7) | LDG<br>(9) | LDG<br>(10) | HDD<br>(11) |
| 1.845      | 0.263      | 0.150      | 0.706           | 0.105      | 0.300      | 119.125    | 27.265      | 1.276       |
| 14.266     | 2.036      | 1.161      | 5.455           | 0.814      | 2.321      | 921.017    | 210.759     | 9.365       |
| 4.485      | 0.640      | 0.365      | 1.715           | 0.256      | 0.730      | 289.550    | 66.268      | 3.102       |
| 7.328      | 1.046      | 0.596      | 2.802           | 0.418      | 1.192      | 473.092    | 108.264     | 5.068       |
| 25.654     | 3.661      | 2.087      | 9.809           | 1.464      | 4.175      | 1656.204   | 379.039     | 17.743      |
| 17.507     | 2.499      | 1.425      | 6.694           | 0.999      | 2.849      | 1130.235   | 258.694     | 12.108      |
| 9.970      | 1.423      | 0.811      | 3.812           | 0.569      | 1.622      | 643.670    | 147.313     | 6.894       |
| 5.796      | 0.827      | 0.472      | 2.216           | 0.331      | 0.943      | 374.203    | 85.660      | 4.008       |
| 3.730      | 0.532      | 0.304      | 1.426           | 0.213      | 0.607      | 240.791    | 55.106      | 2.580       |
| 8.041      | 0.000      | 0.654      | 3.074           | 0.000      | 1.308      | 519.105    | 0.000       | 5.560       |
| 5.883      | 0.840      | 0.479      | 2.249           | 0.336      | 0.958      | 379.796    | 86.985      | 4.070       |
| 3.534      | 0.000      | 0.288      | 1.351           | 0.000      | 0.575      | 228.157    | 0.000       | 2.444       |
| 3.085      | 4.402      | 0.251      | 1.179           | 1.761      | 0.502      | 199.151    | 455.814     | 2.133       |
| 3.128      | 0.000      | 0.254      | 1.196           | 0.000      | 0.509      | 201.922    | 0.000       | 2.163       |
| 8.450      | 1.206      | 0.687      | 3.231           | 0.482      | 1.375      | 545.543    | 124.865     | 5.843       |
| 12.628     | 1.801      | 1.027      | 4.828           | 0.721      | 2.054      | 815.264    | 186.519     | 8.731       |
| 5.257      | 0.750      | 0.428      | 2.010           | 0.300      | 0.855      | 339.376    | 77.671      | 3.635       |
| 11.297     | 1.612      | 0.919      | 4.320           | 0.645      | 1.838      | 729.340    | 166.977     | 7.813       |
| 10.096     | 1.393      | 0.780      | 3.860           | 0.557      | 1.559      | 651.805    | 144.273     | 6.626       |
| 3.666      | 0.523      | 0.293      | 1.402           | 0.209      | 0.596      | 236.673    | 54.155      | 2.535       |
| 17.452     | 2.491      | 1.420      | 6.673           | 0.996      | 2.841      | 1126.676   | 257.915     | 12.073      |
| 10.183     | 1.454      | 0.829      | 3.893           | 0.581      | 1.657      | 657.397    | 150.509     | 7.043       |
| 10.600     | 1.512      | 0.862      | 4.053           | 0.605      | 1.724      | 684.344    | 156.588     | 7.329       |
| 7.442      | 1.061      | 0.606      | 2.846           | 0.425      | 1.211      | 480.464    | 109.900     | 5.147       |
| 8.635      | 1.233      | 0.703      | 3.302           | 0.493      | 1.405      | 557.491    | 127.671     | 5.972       |
| 6.080      | 0.868      | 0.495      | 2.325           | 0.347      | 0.990      | 392.506    | 89.869      | 4.205       |
| 5.954      | 0.850      | 0.484      | 2.276           | 0.340      | 0.969      | 384.371    | 87.998      | 4.118       |

## 1975 Emissions in Tons/Yr

| Part.      |            |            | Table 3.2-3b (Continued) |            |            | CO         |             |             |
|------------|------------|------------|--------------------------|------------|------------|------------|-------------|-------------|
| LDG<br>(2) | HDG<br>(3) | HDD<br>(4) | LDG<br>(5)               | HDG<br>(6) | HDD<br>(7) | LDG<br>(9) | HDG<br>(10) | HDD<br>(11) |
| 5.253      | 0.750      | 0.428      | 2.008                    | 0.300      | 0.855      | 339.121    | 77.663      | 3.635       |
| 5.682      | 0.973      | 0.583      | 2.173                    | 0.389      | 1.167      | 366.831    | 100.703     | 4.959       |
| 9.502      | 1.204      | 0.693      | 3.633                    | 0.482      | 1.385      | 613.418    | 124.710     | 5.888       |
| 9.159      | 1.329      | 0.782      | 3.502                    | 0.531      | 1.564      | 591.302    | 137.570     | 6.648       |
| 12.486     | 1.723      | 0.964      | 4.774                    | 0.689      | 1.928      | 806.112    | 172.413     | 8.195       |
| 5.249      | 0.749      | 0.427      | 2.007                    | 0.300      | 0.854      | 338.867    | 77.569      | 3.630       |
| 8.376      | 1.194      | 0.681      | 3.202                    | 0.478      | 1.362      | 540.713    | 123.618     | 5.790       |
| 6.702      | 0.957      | 0.545      | 2.563                    | 0.383      | 1.090      | 432.672    | 99.066      | 4.634       |
| 3.205      | 0.457      | 0.261      | 1.225                    | 0.183      | 0.521      | 206.879    | 47.327      | 2.215       |
| 6.037      | 0.861      | 0.491      | 2.308                    | 0.344      | 0.982      | 389.710    | 89.167      | 4.175       |
| 13.180     | 1.850      | 1.019      | 5.039                    | 0.740      | 2.037      | 850.854    | 191.507     | 8.659       |
| 14.963     | 2.136      | 1.217      | 5.721                    | 0.854      | 2.435      | 966.013    | 221.126     | 10.348      |
| 14.696     | 2.097      | 1.196      | 5.619                    | 0.839      | 2.391      | 948.726    | 217.151     | 10.163      |
| 2.961      | 0.423      | 0.241      | 1.132                    | 0.169      | 0.482      | 191.143    | 43.781      | 2.047       |
| 1.745      | 0.510      | 2.910      | 0.667                    | 0.204      | 5.820      | 112.668    | 52.853      | 24.737      |
| 7.001      | 0.999      | 0.570      | 2.677                    | 0.400      | 1.139      | 451.992    | 103.431     | 4.842       |
| 1.729      | 0.247      | 0.141      | 0.661                    | 0.099      | 0.282      | 111.651    | 25.558      | 1.197       |
| 6.796      | 0.970      | 0.553      | 2.599                    | 0.388      | 1.106      | 438.773    | 100.469     | 4.702       |
| 1.638      | 0.234      | 0.133      | 0.626                    | 0.094      | 0.267      | 105.753    | 24.209      | 1.133       |
| 3.249      | 0.463      | 0.264      | 1.242                    | 0.185      | 0.529      | 209.752    | 47.982      | 2.247       |
| 8.328      | 1.189      | 0.678      | 3.184                    | 0.475      | 1.355      | 537.662    | 123.073     | 5.760       |
| 1.776      | 0.253      | 0.145      | 0.679                    | 0.101      | 0.289      | 114.625    | 26.236      | 1.229       |
| 4.095      | 0.584      | 0.333      | 1.566                    | 0.234      | 0.667      | 264.382    | 60.515      | 2.833       |
| 2.845      | 0.406      | 0.231      | 1.088                    | 0.162      | 0.463      | 183.670    | 42.035      | 1.967       |
| 21.157     | 3.019      | 1.722      | 8.090                    | 1.207      | 3.444      | 1365.891   | 312.553     | 14.636      |
| 2.488      | 0.355      | 0.202      | 0.951                    | 0.142      | 0.405      | 160.638    | 36.766      | 1.721       |
| 12.656     | 1.806      | 1.030      | 4.839                    | 0.722      | 2.059      | 817.044    | 186.986     | 8.751       |
| 3.914      | 0.559      | 0.318      | 1.497                    | 0.223      | 0.637      | 252.689    | 57.834      | 2.706       |
| 14.109     | 2.014      | 1.148      | 5.395                    | 0.805      | 2.296      | 910.848    | 208.499     | 9.758       |
| 13.691     | 1.780      | 1.015      | 5.235                    | 0.712      | 2.030      | 883.902    | 184.336     | 8.626       |

Table 3.2-3b (Continued)

| Part.      |            |            | SO <sub>x</sub> |            |            | CO         |             |             |
|------------|------------|------------|-----------------|------------|------------|------------|-------------|-------------|
| LDG<br>(2) | HDC<br>(3) | HDD<br>(4) | LDG<br>(5)      | HDC<br>(6) | HDD<br>(7) | LDG<br>(9) | HDC<br>(10) | HDD<br>(11) |
| 17.460     | 2.225      | 1.420      | 6.676           | 0.890      | 2.841      | 1127.185   | 230.401     | 12.073      |
| 8.604      | 1.229      | 0.700      | 3.290           | 0.491      | 1.400      | 555.457    | 127.204     | 5.951       |
| 9.033      | 1.290      | 0.735      | 3.454           | 0.516      | 1.470      | 583.167    | 133.517     | 6.248       |
| 1.746      | 0.249      | 0.142      | 0.663           | 0.100      | 0.284      | 112.718    | 25.799      | 1.207       |
| 5.021      | 1.069      | 0.610      | 1.920           | 0.423      | 1.219      | 324.123    | 110.680     | 5.192       |
| 3.842      | 0.548      | 0.313      | 1.469           | 0.219      | 0.625      | 248.062    | 56.766      | 2.657       |
| 4.942      | 0.705      | 0.402      | 1.890           | 0.282      | 0.804      | 319.038    | 72.978      | 3.418       |
| 7.584      | 1.033      | 0.617      | 2.900           | 0.433      | 1.234      | 489.616    | 112.083     | 5.245       |
| 7.549      | 1.077      | 0.614      | 2.886           | 0.431      | 1.228      | 487.328    | 111.537     | 5.220       |
| 15.385     | 2.195      | 1.251      | 5.882           | 0.878      | 2.503      | 993.214    | 227.283     | 10.638      |
| 1.505      | 2.148      | 0.122      | 0.575           | 0.859      | 0.245      | 97.161     | 222.373     | 1.041       |
| 0.881      | 0.126      | 0.072      | 0.337           | 0.050      | 0.143      | 56.868     | 13.017      | 0.608       |
| 0.388      | 0.055      | 0.032      | 0.148           | 0.022      | 0.063      | 25.058     | 5.737       | 0.268       |
| 2.937      | 0.419      | 0.239      | 1.123           | 0.168      | 0.478      | 189.593    | 43.383      | 2.031       |

### Population-Based Allocation Proportions for Subcounty Areas

| (1)<br>Subareas       | (2)<br>Population | (3)<br>Allocation Proportion |
|-----------------------|-------------------|------------------------------|
| Atlanta               | 441,486           | .692                         |
| Fairburn              | 4,620             | .007                         |
| Hapeville             | 9,758             | .015                         |
| Rosswell              | 8,905             | .013                         |
| Union City            | 6,062             | .008                         |
| East Point            | 43,640            | .068                         |
| College Park          | 17,473            | .027                         |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
| SUBAREA TOTAL         | 531,944           | .830                         |
| Residual <sup>1</sup> | 106,028           | .17                          |
| COUNTY TOTAL          | 637,972           | 1.0                          |

$$RP - TPOP - \sum_{i=1}^N POP_i$$

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Table 3.2-4

## Motor Vehicle Data Allocated to Subcounty Areas

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 1

| Subarea<br>(1)  | VMT<br>(10 <sup>6</sup> Vehicle-miles/yr) |            |            | Average<br>Speed<br>(mph)<br>(5) |
|-----------------|-------------------------------------------|------------|------------|----------------------------------|
|                 | (2)<br>LDG                                | (3)<br>HDG | (4)<br>HDD |                                  |
| Atlanta         | 1274.6                                    | 101        | .1536      |                                  |
| Fairburn        | 12.8                                      | 1.022      | .0016      |                                  |
| Hapeville       | 27.6                                      | 2.1900     | .0033      |                                  |
| Roswell         | 23.9                                      | 1.8980     | .0029      |                                  |
| Union City      | 14.7                                      | 1.1680     | .0018      |                                  |
| East Point      | 125.2                                     | 9.9280     | .0151      |                                  |
| College Park    | 49.7                                      | 3.9420     | .0060      |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
| SUBAREA TOTAL   | 1528.5                                    | 121.1      | .1843      |                                  |
| Residual        | 405.6                                     | 32.2       | .0488      |                                  |
| D. COUNTY TOTAL | 1934.1                                    | 153.3      | .2331      |                                  |

Table 3.2-5  
Motor Vehicle Emissions Allocated  
to Subcounty Areas

A. County Fulton  
B. Year 1975  
C. Allocation Order 1

| Subarea<br>(1)  | Emissions<br>(10 <sup>6</sup> tons/yr) + (10 <sup>6</sup> grams/yr) |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
|-----------------|---------------------------------------------------------------------|------------|------------|-----------------|------------|------------|--------------------------------------------|------------|-------------|-------------|---------------------------------------------|-------------|-------------|-------------|-------------------|----------------------------------------------------------|-----------------|-------------|-------------|
|                 | Part.                                                               |            |            | SO <sub>x</sub> |            |            | Speed<br>Correction<br>Factor<br>CO<br>(8) | CO         |             |             | Speed<br>Correction<br>Factor<br>HC<br>(12) | HC(exhaust) |             |             | HC(evap.)<br>(16) | Speed<br>Correction<br>Factor<br>NO <sub>x</sub><br>(17) | NO <sub>x</sub> |             |             |
|                 | (2)<br>LDG                                                          | (3)<br>HDG | (4)<br>HDD | (5)<br>LDG      | (6)<br>HDG | (7)<br>HDD |                                            | (9)<br>LDG | (10)<br>HDG | (11)<br>HDD |                                             | (13)<br>LDG | (14)<br>HDG | (15)<br>HDD |                   |                                                          | (18)<br>LDG     | (19)<br>HDG | (20)<br>HDD |
| Atlanta         | 433                                                                 | 65         | .1843      | 166             | 26         | .3686      | 1.0                                        | 56E3       | 14E3        | 3.133       |                                             |             |             |             |                   |                                                          |                 |             |             |
| Fairburn        | 4.35                                                                | .6643      | .0019      | 1.664           | .2657      | .0038      | 1.0                                        | 561.9      | 137.5       | .0326       |                                             |             |             |             |                   |                                                          |                 |             |             |
| Hapeville       | 9.38                                                                | 1.42       | .0039      | 3.59            | .5694      | .0079      | 1.0                                        | 1211       | 294         | .0673       |                                             |             |             |             |                   |                                                          |                 |             |             |
| Rosswell        | 5.71                                                                | 1.23       | .0035      | 3.11            | .4935      | .0070      | 1.0                                        | 1049       | 255         | .0592       |                                             |             |             |             |                   |                                                          |                 |             |             |
| Union City      | 4.99                                                                | .7592      | .0022      | 1.91            | .3036      | .0043      | 1.0                                        | 645        | 157         | .0367       |                                             |             |             |             |                   |                                                          |                 |             |             |
| East Point      | 42.56                                                               | 6.45       | .0181      | 16.28           | 2.58       | .0317      | 1.0                                        | 5496       | 1336        | .3080       |                                             |             |             |             |                   |                                                          |                 |             |             |
| College Park    | 16.89                                                               | 2.56       | .0072      | 6.46            | 1.02       | .0144      | 1.0                                        | 2181       | 530         | .1224       |                                             |             |             |             |                   |                                                          |                 |             |             |
|                 |                                                                     |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
|                 |                                                                     |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
|                 |                                                                     |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
|                 |                                                                     |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
|                 |                                                                     |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
|                 |                                                                     |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
|                 |                                                                     |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
|                 |                                                                     |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
|                 |                                                                     |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
|                 |                                                                     |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
|                 |                                                                     |            |            |                 |            |            |                                            |            |             |             |                                             |             |             |             |                   |                                                          |                 |             |             |
| SUBAREA TOTAL   | 519.7                                                               | 78.71      | .2211      | 198.7           | 31.49      | .4423      | 1.0                                        | 67E3       | 16E3        | 3.75        |                                             |             |             |             |                   |                                                          |                 |             |             |
| Residual        | 137.9                                                               | 20.93      | .0585      | 52.72           | 8.37       | .1171      | 1.0                                        | 17E3       | 4334        | .9955       |                                             |             |             |             |                   |                                                          |                 |             |             |
| D. COUNTY TOTAL | 657.6                                                               | 99.64      | .2797      | 251.4           | 39.86      | .5594      | 1.0                                        | 84E3       | 20E3        | 4.755       |                                             |             |             |             |                   |                                                          |                 |             |             |

NOTE: All emissions values are in millions of grams. Therefore, 120E3 is read 120 billion grams.

Table 3.2-11  
 Transportation Emissions  
 Allocated to Subcounty Areas

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 1

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| Atlanta         | 549.3                  | 212.1                  | 77178.4   |           |                        |
| Fairburn        | 5.5                    | 2.1                    | 771.1     |           |                        |
| Hapeville       | 11.9                   | 4.6                    | 1659.4    |           |                        |
| Rosswell        | 7.6                    | 4.0                    | 1437.8    |           |                        |
| Union City      | 6.3                    | 2.4                    | 884.2     |           |                        |
| East Point      | 54.0                   | 20.8                   | 7532.6    |           |                        |
| College Park    | 21.5                   | 8.3                    | 2989.0    |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 660.0                  | 254.2                  | 91511.7   |           |                        |
| Residual        | 175.2                  | 67.5                   | 23521.8   |           |                        |
| D. COUNTY TOTAL | 835.2                  | 321.7                  | 115033.5  |           |                        |

Table 3.2-1

## Motor Vehicle Emission Factors

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 1

| Emission Factors<br>(grams/vehicle-mile) |              |                        |           |                          |                        |                          |
|------------------------------------------|--------------|------------------------|-----------|--------------------------|------------------------|--------------------------|
| (1)<br>Vehicle<br>Class                  | (2)<br>Part. | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC *<br>(exhaust) | (6)<br>HC *<br>(evap.) | (7)<br>NO <sub>x</sub> * |
| LDG                                      | .34          | .13                    | 13        |                          |                        |                          |
| HDG                                      | .65          | .26                    | 131.2     |                          |                        |                          |
| HDD                                      | 1.2          | 2.4                    | 20.4      |                          |                        |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Format for  
Table 3.2-2c\*

A. County Fulton  
B. Year 1980  
C. Allocation Order 1

[illegible]

<sup>1</sup> If actual data are not available use design speed for highway segment in question.

\*Statistical information for this table is presented in the following computer printout tabulation with corresponding table no.

Table 3.2-2c

VMT BY VEHICLE TYPE  
YEAR: 1980

| LDG<br>(7)          | HOG<br>(8) | HDD<br>(9) |
|---------------------|------------|------------|
| 5.166               | 0.386      | 0.119      |
| 39.944              | 2.981      | 0.921      |
| 12.557              | 0.937      | 0.290      |
| 20.512              | 1.531      | 0.473      |
| 71.828              | 5.361      | 1.656      |
| 49.017              | 3.659      | 1.130      |
| 27.915              | 2.084      | 0.643      |
| 16.229              | 1.212      | 0.374      |
| 10.443              | 0.779      | 0.241      |
| 22.513 <sup>u</sup> | 0.000      | 0.519      |
| 16.471              | 1.230      | 0.380      |
| 9.895               | 0.000      | 0.228      |
| 8.637               | 6.447      | 0.199      |
| 8.757               | 0.000      | 0.202      |
| 23.660              | 1.766      | 0.545      |
| 35.357              | 2.638      | 0.815      |
| 14.718              | 1.099      | 0.339      |
| 31.631              | 2.360      | 0.729      |
| 28.268              | 2.041      | 0.618      |
| 10.264              | 0.766      | 0.237      |
| 48.863              | 3.648      | 1.127      |
| 28.511              | 2.129      | 0.657      |
| 29.679              | 2.215      | 0.684      |
| 20.837              | 1.555      | 0.480      |
| 24.178              | 1.806      | 0.557      |
| 17.023              | 1.271      | 0.392      |
| 16.670              | 1.245      | 0.384      |
| 14.707              | 1.099      | 0.339      |

VMT by Vehicle Type  
Year: 1980

Table 3.2-2c (Continued)

| LDG<br>(7) | HDD<br>(8) | HDD<br>(9) |
|------------|------------|------------|
| 15.909     | 1.424      | 0.463      |
| 26.603     | 1.764      | 0.549      |
| 25.644     | 1.946      | 0.620      |
| 34.960     | 2.524      | 0.765      |
| 14.696     | 1.097      | 0.339      |
| 23.450     | 1.749      | 0.540      |
| 18.765     | 1.401      | 0.433      |
| 8.972      | 0.669      | 0.207      |
| 16.901     | 1.261      | 0.390      |
| 36.901     | 2.709      | 0.808      |
| 41.895     | 3.128      | 0.966      |
| 41.145     | 3.072      | 0.948      |
| 8.290      | 0.619      | 0.191      |
| 4.886      | 0.748      | 2.309      |
| 19.602     | 1.463      | 0.452      |
| 4.842      | 0.362      | 0.112      |
| 19.029     | 1.421      | 0.439      |
| 4.586      | 0.342      | 0.106      |
| 9.097      | 0.679      | 0.210      |
| 23.318     | 1.741      | 0.538      |
| 4.971      | 0.371      | 0.115      |
| 11.466     | 0.856      | 0.264      |
| 7.966      | 0.595      | 0.184      |
| 59.237     | 4.421      | 1.366      |
| 6.967      | 0.520      | 0.161      |
| 35.434     | 2.645      | 0.817      |
| 10.959     | 0.818      | 0.253      |
| 39.503     | 2.949      | 0.911      |
| 38.334     | 2.607      | 0.805      |
| 48.885     | 3.259      | 1.127      |

VMT by Vehicle Type  
 Year: 1980

Table 3.2-2c (Continued)

| LDG<br>(7) | HDG<br>(8) | HDD<br>(9) |
|------------|------------|------------|
| 24.090     | 1.799      | 0.555      |
| 25.291     | 1.889      | 0.583      |
| 4.888      | 0.365      | 0.113      |
| 14.057     | 1.566      | 0.484      |
| 10.758     | 0.803      | 0.248      |
| 13.836     | 1.032      | 0.319      |
| 21.234     | 1.585      | 0.490      |
| 21.135     | 1.578      | 0.487      |
| 43.075     | 3.215      | 0.993      |
| 4.214      | 3.145      | 0.097      |
| 2.466      | 0.184      | 0.057      |
| 1.087      | 0.081      | 0.025      |
| 8.222      | 0.614      | 0.190      |

Table 3.2.3c\*

Limited Access Highway Emissions

A. County Fulton  
B. Year 1980  
C. Allocation Order 1

[illegible]

\*Statistical information for this table is presented in the following computer printout tabulation with corresponding table no.

## 1980 EMISSIONS IN TONS/YR

Table 3.2-3c

| Part.      |            |            | SO <sub>x</sub> |            |            | CO         |             |             |
|------------|------------|------------|-----------------|------------|------------|------------|-------------|-------------|
| LDG<br>(2) | HDG<br>(3) | HDD<br>(4) | LDG<br>(5)      | HDG<br>(6) | HDD<br>(7) | LDG<br>(9) | HDG<br>(10) | HDD<br>(11) |
| 1.937      | 0.276      | 0.158      | 0.741           | 0.111      | 0.315      | 37.040     | 27.905      | 1.340       |
| 14.980     | 2.137      | 1.219      | 5.728           | 0.855      | 2.437      | 286.375    | 215.707     | 10.358      |
| 4.709      | 0.672      | 0.383      | 1.801           | 0.269      | 0.766      | 90.031     | 67.823      | 3.257       |
| 7.694      | 1.098      | 0.626      | 2.942           | 0.439      | 1.252      | 147.100    | 110.805     | 5.321       |
| 26.937     | 3.844      | 2.192      | 10.299          | 1.538      | 4.384      | 514.970    | 387.938     | 18.630      |
| 18.382     | 2.623      | 1.496      | 7.029           | 1.049      | 2.992      | 351.428    | 264.768     | 12.714      |
| 10.469     | 1.494      | 0.852      | 4.003           | 0.598      | 1.703      | 200.139    | 150.772     | 7.239       |
| 6.086      | 0.869      | 0.495      | 2.327           | 0.347      | 0.990      | 116.352    | 87.671      | 4.209       |
| 3.916      | 0.559      | 0.319      | 1.497           | 0.224      | 0.637      | 74.870     | 56.400      | 2.709       |
| 8.443      | 0.000      | 0.687      | 3.228           | 0.000      | 1.374      | 161.407    | 0.000       | 5.838       |
| 6.177      | 0.882      | 0.503      | 2.362           | 0.353      | 1.005      | 118.091    | 89.027      | 4.273       |
| 3.711      | 0.000      | 0.302      | 1.419           | 0.000      | 0.604      | 70.942     | 0.000       | 2.566       |
| 3.239      | 4.622      | 0.264      | 1.238           | 1.849      | 0.527      | 61.923     | 466.515     | 2.240       |
| 3.284      | 0.000      | 0.267      | 1.256           | 0.000      | 0.534      | 62.784     | 0.000       | 2.271       |
| 8.873      | 1.266      | 0.722      | 3.393           | 0.507      | 1.444      | 169.628    | 127.797     | 6.135       |
| 13.260     | 1.892      | 1.079      | 5.070           | 0.757      | 2.157      | 253.493    | 190.898     | 9.168       |
| 5.520      | 0.788      | 0.449      | 2.110           | 0.315      | 0.898      | 105.523    | 79.494      | 3.817       |
| 11.862     | 1.692      | 0.965      | 4.536           | 0.677      | 1.930      | 226.776    | 170.795     | 8.204       |
| 10.601     | 1.463      | 0.819      | 4.053           | 0.585      | 1.637      | 202.668    | 147.661     | 6.957       |
| 3.849      | 0.549      | 0.313      | 1.472           | 0.220      | 0.626      | 73.590     | 55.427      | 2.662       |
| 18.325     | 2.616      | 1.491      | 7.006           | 1.046      | 2.983      | 350.322    | 263.970     | 12.677      |
| 10.692     | 1.526      | 0.870      | 4.088           | 0.611      | 1.740      | 204.407    | 154.042     | 7.395       |
| 11.130     | 1.588      | 0.905      | 4.256           | 0.635      | 1.811      | 212.786    | 160.265     | 7.695       |
| 7.814      | 1.115      | 0.636      | 2.988           | 0.446      | 1.272      | 149.393    | 112.480     | 5.404       |
| 9.067      | 1.295      | 0.738      | 3.467           | 0.518      | 1.475      | 173.343    | 130.669     | 6.270       |
| 6.384      | 0.911      | 0.519      | 2.441           | 0.365      | 1.039      | 122.044    | 91.979      | 4.416       |
| 6.252      | 0.892      | 0.509      | 2.390           | 0.357      | 1.017      | 119.514    | 90.064      | 4.324       |

Table 3.2-3c (Continued)

| Part.      |            |            | SO <sub>x</sub> |            |            | CO         |             |             |
|------------|------------|------------|-----------------|------------|------------|------------|-------------|-------------|
| LDC<br>(2) | HDC<br>(3) | HDD<br>(4) | LDC<br>(5)      | HDC<br>(6) | HDD<br>(7) | LDC<br>(9) | HDC<br>(10) | HDD<br>(11) |
| 5.516      | 0.788      | 0.449      | 2.109           | 0.315      | 0.898      | 105.444    | 79.486      | 3.817       |
| 5.966      | 1.021      | 0.613      | 2.281           | 0.408      | 1.225      | 114.060    | 103.067     | 5.207       |
| 9.977      | 1.265      | 0.727      | 3.815           | 0.506      | 1.455      | 190.733    | 127.637     | 6.182       |
| 9.617      | 1.395      | 0.821      | 3.677           | 0.558      | 1.643      | 183.856    | 140.800     | 6.981       |
| 13.111     | 1.809      | 1.012      | 5.013           | 0.724      | 2.025      | 250.648    | 182.601     | 8.605       |
| 5.511      | 0.787      | 0.448      | 2.107           | 0.315      | 0.897      | 105.365    | 79.390      | 3.812       |
| 8.794      | 1.254      | 0.715      | 3.363           | 0.501      | 1.430      | 165.126    | 126.521     | 6.079       |
| 7.037      | 1.005      | 0.572      | 2.691           | 0.402      | 1.145      | 134.532    | 101.392     | 4.866       |
| 3.365      | 0.450      | 0.274      | 1.287           | 0.192      | 0.547      | 64.326     | 48.438      | 2.326       |
| 6.338      | 0.904      | 0.516      | 2.423           | 0.362      | 1.031      | 121.174    | 91.261      | 4.383       |
| 13.838     | 1.942      | 1.070      | 5.291           | 0.777      | 2.139      | 264.559    | 196.003     | 9.092       |
| 15.711     | 2.242      | 1.278      | 6.007           | 0.897      | 2.557      | 300.366    | 226.317     | 10.866      |
| 15.430     | 2.202      | 1.255      | 5.900           | 0.881      | 2.511      | 294.991    | 222.249     | 10.671      |
| 3.109      | 0.444      | 0.253      | 1.189           | 0.178      | 0.506      | 59.433     | 44.809      | 2.150       |
| 1.832      | 0.536      | 3.056      | 0.701           | 0.214      | 6.111      | 35.032     | 54.094      | 25.974      |
| 7.351      | 1.049      | 0.598      | 2.811           | 0.420      | 1.196      | 140.540    | 105.859     | 5.084       |
| 1.818      | 0.259      | 0.148      | 0.694           | 0.104      | 0.296      | 34.716     | 26.158      | 1.257       |
| 7.130      | 1.019      | 0.531      | 2.729           | 0.408      | 1.162      | 136.429    | 102.828     | 4.937       |
| 1.720      | 0.246      | 0.140      | 0.658           | 0.098      | 0.280      | 32.882     | 24.778      | 1.190       |
| 3.411      | 0.487      | 0.278      | 1.304           | 0.195      | 0.555      | 65.219     | 49.108      | 2.359       |
| 8.745      | 1.248      | 0.712      | 3.344           | 0.499      | 1.423      | 167.178    | 125.962     | 6.043       |
| 1.864      | 0.266      | 0.152      | 0.713           | 0.106      | 0.304      | 35.641     | 26.852      | 1.290       |
| 4.300      | 0.614      | 0.350      | 1.644           | 0.245      | 0.700      | 82.205     | 61.936      | 2.974       |
| 2.957      | 0.426      | 0.243      | 1.142           | 0.171      | 0.486      | 57.109     | 43.022      | 2.065       |
| 22.215     | 3.170      | 1.808      | 8.494           | 1.268      | 3.616      | 424.702    | 319.891     | 15.368      |
| 2.613      | 0.373      | 0.213      | 0.999           | 0.149      | 0.425      | 49.948     | 37.629      | 1.807       |
| 13.289     | 1.896      | 1.081      | 5.081           | 0.759      | 2.162      | 254.047    | 191.376     | 9.189       |
| 4.110      | 0.587      | 0.334      | 1.571           | 0.235      | 0.669      | 78.569     | 59.192      | 2.842       |
| 14.814     | 2.114      | 1.205      | 5.664           | 0.846      | 2.411      | 283.214    | 213.394     | 10.246      |
| 14.376     | 1.869      | 1.066      | 5.497           | 0.748      | 2.131      | 274.835    | 188.664     | 9.057       |

Table 3.2-3c (Continued)

| Part.  |       |       | SO <sub>x</sub> |       |       | CO      |         |        |
|--------|-------|-------|-----------------|-------|-------|---------|---------|--------|
| LDG    | HDG   | HDD   | LDG             | HDG   | HDD   | LDG     | HDG     | HDD    |
| (2)    | (3)   | (4)   | (5)             | (6)   | (7)   | (9)     | (10)    | (11)   |
| 18.333 | 2.337 | 1.491 | 7.010           | 0.935 | 2.983 | 350.480 | 235.810 | 12.677 |
| 9.034  | 1.290 | 0.735 | 3.454           | 0.516 | 1.470 | 172.711 | 130.190 | 6.249  |
| 9.485  | 1.354 | 0.772 | 3.627           | 0.542 | 1.544 | 181.326 | 136.652 | 6.560  |
| 1.833  | 0.262 | 0.149 | 0.701           | 0.105 | 0.298 | 35.042  | 26.405  | 1.263  |
| 5.272  | 1.122 | 0.640 | 2.016           | 0.449 | 1.280 | 100.781 | 113.273 | 5.442  |
| 4.035  | 0.576 | 0.328 | 1.543           | 0.230 | 0.656 | 77.131  | 53.099  | 2.790  |
| 5.189  | 0.740 | 0.422 | 1.984           | 0.296 | 0.844 | 99.200  | 74.692  | 3.583  |
| 7.963  | 1.137 | 0.648 | 3.045           | 0.455 | 1.296 | 152.238 | 114.714 | 5.507  |
| 7.926  | 1.131 | 0.645 | 3.031           | 0.452 | 1.290 | 151.527 | 114.156 | 5.481  |
| 16.154 | 2.305 | 1.314 | 6.176           | 0.922 | 2.628 | 308.824 | 232.619 | 11.170 |
| 1.580  | 0.255 | 0.129 | 0.604           | 0.092 | 0.257 | 30.211  | 22.593  | 1.093  |
| 0.925  | 0.132 | 0.075 | 0.354           | 0.053 | 0.150 | 17.682  | 13.322  | 0.639  |
| 0.408  | 0.058 | 0.033 | 0.156           | 0.023 | 0.066 | 7.791   | 5.871   | 0.282  |
| 3.084  | 0.440 | 0.251 | 1.179           | 0.176 | 0.502 | 58.951  | 44.402  | 2.132  |

Table 3.1-1

## Population-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 1

| (1)<br>Subareas       | (2)<br>Population | (3)<br>Allocation Proportion |
|-----------------------|-------------------|------------------------------|
| Atlanta               | 422,915           | .631                         |
| Fairburn              | 6,839             | .010                         |
| Hapeville             | 10,021            | .015                         |
| Rosswell              | 14,682            | .022                         |
| Union City            | 12,733            | .019                         |
| East Point            | 48,226            | .072                         |
| College Park          | 24,565            | .037                         |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
| SUBAREA TOTAL         | 539,981           | .8060                        |
| Residual <sup>1</sup> | 129,964           | .194                         |
| D. COUNTY TOTAL       | 669,945           | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the population accounted for by all specified subcounty areas.

$$RP = TPOP - \sum_{i=1}^N POP_i$$

where: RP = Residual population not accounted for by specified subareas  
 TPOP = COUNTY TOTAL (row D, column [2])  
 POP<sub>i</sub> = Population in each specified subcounty area i.

Table 3.2-4

## Motor Vehicle Data Allocated to Subcounty Areas

A. County FultonB. Year 1980C. Allocation Order I

| Subarea<br>(1)  | VMT<br>(10 <sup>6</sup> Vehicle-miles/yr) |            |            | Average<br>Speed<br>(mph)<br>(5) |
|-----------------|-------------------------------------------|------------|------------|----------------------------------|
|                 | (2)<br>LDG                                | (3)<br>HDG | (4)<br>HDD |                                  |
| Atlanta         | 1220.4                                    | 96.7       | .1471      |                                  |
| Fairburn        | 19.3                                      | 1.5        | .0023      |                                  |
| Hapeville       | 29                                        | 2.3        | .0035      |                                  |
| Roswell         | 42.5                                      | 3.4        | .0051      |                                  |
| Union City      | 36.7                                      | 2.9        | .0044      |                                  |
| East Point      | 139.2                                     | 11         | .0168      |                                  |
| College Park    | 71.5                                      | 5.6        | .0086      |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
| SUBAREA TOTAL   | 1558.6                                    | 123.4      | .1878      |                                  |
| Residual        | 472.2                                     | 37.6       | .0570      |                                  |
| D. COUNTY TOTAL | 2030.8                                    | 161        | .2448      |                                  |

Table 3.2-5  
Motor Vehicle Emissions Allocated  
to Subcounty Areas

A. County Fulton  
B. Year 1980  
C. Allocation Order 1

Emissions  
(10<sup>6</sup> tons/yr) + (10<sup>6</sup> grams/yr)

| Subarea<br>(1)  | Part. |        |       | SO <sub>x</sub> |       |       | Speed<br>Correction<br>Factor<br>CO<br>(8) | CO   |       |       | Speed<br>Correction<br>Factor<br>HC<br>(12) | HC(exhaust) |      |      | HC(evap.)<br>(16) | Speed<br>Correction<br>Factor<br>NO <sub>x</sub><br>(17) | NO <sub>x</sub> |      |      |
|-----------------|-------|--------|-------|-----------------|-------|-------|--------------------------------------------|------|-------|-------|---------------------------------------------|-------------|------|------|-------------------|----------------------------------------------------------|-----------------|------|------|
|                 | (2)   | (3)    | (4)   | (5)             | (6)   | (7)   |                                            | (9)  | (10)  | (11)  |                                             | (13)        | (14) | (15) |                   |                                                          | (18)            | (19) | (20) |
|                 | LDG   | HDG    | HDD   | LDG             | HDG   | HDD   |                                            | LDG  | HDG   | HDD   |                                             | LDG         | HDG  | HDD  |                   |                                                          | LDG             | HDG  | HDD  |
| Atlanta         | 415   | 62.8   | .176  | 158             | 25.1  | .353  | 1.0                                        | 16E3 | 13E3  | 3.00  |                                             |             |      |      |                   |                                                          |                 |      |      |
| Fairburn        | 6.56  | .975   | .0028 | 2.51            | .390  | .0055 | 1.0                                        | 250  | 196.8 | .0469 |                                             |             |      |      |                   |                                                          |                 |      |      |
| Hapeville       | 9.86  | 1.49   | .0042 | 3.77            | .598  | .0084 | 1.0                                        | 377  | 301.7 | .0714 |                                             |             |      |      |                   |                                                          |                 |      |      |
| Rosswell        | 14.45 | 2.21   | .0061 | 5.52            | .884  | .0122 | 1.0                                        | 552  | 446   | .1040 |                                             |             |      |      |                   |                                                          |                 |      |      |
| Union City      | 12.47 | 1.88   | .0053 | 4.77            | .754  | .0105 | 1.0                                        | 477  | 380   | .0898 |                                             |             |      |      |                   |                                                          |                 |      |      |
| East Point      | 47.3  | 7.15   | .0207 | 18.09           | 2.86  | .0403 | 1.0                                        | 1809 | 1443  | .3427 |                                             |             |      |      |                   |                                                          |                 |      |      |
| College Park    | 24.3  | 3.64   | .0103 | 9.30            | 1.45  | .0264 | 1.0                                        | 929  | 734   | .1754 |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
|                 |       |        |       |                 |       |       |                                            |      |       |       |                                             |             |      |      |                   |                                                          |                 |      |      |
| SUBAREA TOTAL   | 529.9 | 80.21  | .2253 | 202.62          | 32.08 | .4507 | 1.0                                        | 20E3 | 16E3  | 3.831 |                                             |             |      |      |                   |                                                          |                 |      |      |
| Residual        | 160.5 | 24.44  | .0684 | 61.38           | 9.78  | .1368 | 1.0                                        | 6139 | 4933  | 1.162 |                                             |             |      |      |                   |                                                          |                 |      |      |
| D. COUNTY TOTAL | 690.4 | 104.65 | .2937 | 264.00          | 41.86 | .5875 | 1.0                                        | 26E3 | 21E3  | 4.993 |                                             |             |      |      |                   |                                                          |                 |      |      |

NOTE: All emissions values are in millions of grams. Therefore, 120E3 is read 120 billion grams.

Table 3.2-11  
 Transportation Emissions  
 Allocated to Subcounty Areas

A. County Fulton  
 B. Year 1980  
 C. Allocation Order I

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| Atlanta         | 527.0                  | 202.2                  | 31975.8   |           |                        |
| Fairburn        | 8.3                    | 3.2                    | 492.6     |           |                        |
| Hapeville       | 12.6                   | 4.9                    | 748.4     |           |                        |
| Rosswell        | 18.4                   | 7.1                    | 1100.4    |           |                        |
| Union City      | 15.9                   | 6.1                    | 945.0     |           |                        |
| East Point      | 60.1                   | 23.2                   | 3585.7    |           |                        |
| College Park    | 30.9                   | 11.9                   | 1833.7    |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 672.8                  | 259.3                  | 40681.5   |           |                        |
| Residual        | 204.0                  | 78.6                   | 12208.2   |           |                        |
| D. COUNTY TOTAL | 876.8                  | 337.9                  | 52889.7   |           |                        |

Table 3.2-1

## Motor Vehicle Emission Factors

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 1

| Emission Factors<br>(grams/vehicle-mile) |              |                        |           |                          |                        |                          |
|------------------------------------------|--------------|------------------------|-----------|--------------------------|------------------------|--------------------------|
| (1)<br>Vehicle<br>Class                  | (2)<br>Part. | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC *<br>(exhaust) | (6)<br>HC *<br>(evap.) | (7)<br>NO <sub>x</sub> * |
| LDG                                      | .34          | .13                    | 5.8       |                          |                        |                          |
| HDG                                      | .65          | .26                    | 130       |                          |                        |                          |
| HDD                                      | 1.2          | 2.4                    | 20.4      |                          |                        |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Format for  
Table 3.2-2d\*  
Limited Access Highway Data

A. County Fulton

B. Year 1985

C. Allocation Order 1

[illegible]

<sup>1</sup> If actual data are not available use design speed for highway segment in question.

\*Statistical information for this table is presented in the following computer printout tabulation with corresponding table no.

VMT BY VEHICLE TYPE  
YEAR: 1985

Table 3.2-2d (Continued)

| LDG<br>(7) | HDD<br>(8) | HDD<br>(9) |
|------------|------------|------------|
| 5.838      | 0.436      | 0.135      |
| 45.136     | 3.369      | 1.040      |
| 14.190     | 1.059      | 0.327      |
| 23.185     | 1.730      | 0.534      |
| 81.165     | 6.058      | 1.871      |
| 55.389     | 4.135      | 1.277      |
| 31.544     | 2.355      | 0.727      |
| 18.339     | 1.369      | 0.423      |
| 11.800     | 0.881      | 0.272      |
| 25.440     | 0.000      | 0.586      |
| 18.613     | 1.390      | 0.429      |
| 11.181     | 0.000      | 0.258      |
| 9.760      | 7.286      | 0.225      |
| 9.896      | 0.000      | 0.228      |
| 26.735     | 1.996      | 0.616      |
| 39.954     | 2.981      | 0.921      |
| 16.632     | 1.241      | 0.383      |
| 35.743     | 2.667      | 0.824      |
| 31.943     | 2.306      | 0.699      |
| 11.599     | 0.866      | 0.267      |
| 55.215     | 4.122      | 1.273      |
| 32.217     | 2.406      | 0.743      |
| 33.538     | 2.503      | 0.773      |
| 23.546     | 1.757      | 0.543      |
| 27.321     | 2.041      | 0.630      |
| 19.236     | 1.436      | 0.444      |
| 18.837     | 1.407      | 0.434      |
| 16.619     | 1.241      | 0.383      |

VMF by Vehicle Type  
Year: 1985

Table 3.2-2d (Continued)

| LDG<br>(7) | HDG<br>(8) | HDD<br>(9) |
|------------|------------|------------|
| 17.977     | 1.610      | 0.523      |
| 30.062     | 1.993      | 0.621      |
| 28.978     | 2.199      | 0.701      |
| 39.505     | 2.852      | 0.854      |
| 16.607     | 1.240      | 0.383      |
| 26.499     | 1.976      | 0.611      |
| 21.204     | 1.583      | 0.489      |
| 10.139     | 0.756      | 0.234      |
| 19.098     | 1.425      | 0.440      |
| 41.698     | 3.061      | 0.913      |
| 47.341     | 3.534      | 1.091      |
| 46.494     | 3.471      | 1.072      |
| 9.367      | 0.700      | 0.216      |
| 5.521      | 0.845      | 2.609      |
| 22.151     | 1.653      | 0.511      |
| 5.472      | 0.409      | 0.126      |
| 21.503     | 1.606      | 0.496      |
| 5.183      | 0.387      | 0.119      |
| 10.279     | 0.767      | 0.237      |
| 26.349     | 1.967      | 0.607      |
| 5.617      | 0.419      | 0.130      |
| 12.957     | 0.967      | 0.299      |
| 9.001      | 0.672      | 0.207      |
| 66.938     | 4.996      | 1.544      |
| 7.872      | 0.588      | 0.182      |
| 40.041     | 2.989      | 0.923      |
| 12.384     | 0.924      | 0.285      |
| 44.638     | 3.333      | 1.029      |
| 43.317     | 2.946      | 0.910      |
| 55.240     | 3.683      | 1.273      |

VMT by Vehicle Type  
 Year: 1985

Table 3.2-2d (Continued)

| LDG<br>(7) | HDD<br>(8) | HDD<br>(9) |
|------------|------------|------------|
| 27.221     | 2.033      | 0.628      |
| 28.579     | 2.134      | 0.659      |
| 5.524      | 0.412      | 0.127      |
| 15.884     | 1.769      | 0.547      |
| 12.157     | 0.907      | 0.280      |
| 15.835     | 1.166      | 0.360      |
| 23.995     | 1.791      | 0.553      |
| 23.882     | 1.783      | 0.551      |
| 43.674     | 3.633      | 1.122      |
| 4.762      | 3.554      | 0.110      |
| 2.787      | 0.203      | 0.064      |
| 1.223      | 0.092      | 0.028      |
| 9.291      | 0.693      | 0.214      |

Table 3.2-3d\*

Limited Access Highway Emissions

A. County Fulton  
B. Year 1985  
C. Allocation Order 1

[illegible]

.. \*Statistical information for this table is presented in the following computer printout tabulation with corresponding table no.

## 1985 EMISSIONS IN TONS/YR

Table 3.2-3d

| Part.      |            |            | SO <sub>x</sub> |            |            | CO         |             |             |
|------------|------------|------------|-----------------|------------|------------|------------|-------------|-------------|
| LDC<br>(2) | HDC<br>(3) | HDD<br>(4) | LDC<br>(5)      | HDC<br>(6) | HDD<br>(7) | LDC<br>(9) | HDC<br>(10) | HDD<br>(11) |
| 2.189      | 0.312      | 0.178      | 0.837           | 0.125      | 0.356      | 18.674     | 31.244      | 1.514       |
| 16.927     | 2.415      | 1.377      | 6.472           | 0.966      | 2.754      | 144.377    | 241.520     | 11.705      |
| 5.322      | 0.759      | 0.433      | 2.035           | 0.304      | 0.866      | 45.389     | 75.939      | 3.681       |
| 8.695      | 1.241      | 0.707      | 3.324           | 0.496      | 1.415      | 74.161     | 124.065     | 6.013       |
| 30.439     | 4.344      | 2.477      | 11.638          | 1.737      | 4.954      | 259.624    | 434.360     | 21.052      |
| 20.772     | 2.965      | 1.690      | 7.942           | 1.186      | 3.380      | 177.174    | 296.451     | 14.367      |
| 11.830     | 1.688      | 0.962      | 4.523           | 0.675      | 1.925      | 100.901    | 168.814     | 8.180       |
| 6.877      | 0.982      | 0.559      | 2.630           | 0.393      | 1.119      | 58.660     | 98.162      | 4.756       |
| 4.425      | 0.631      | 0.360      | 1.692           | 0.253      | 0.720      | 37.746     | 63.149      | 3.061       |
| 9.540      | 0.000      | 0.776      | 3.648           | 0.000      | 1.552      | 81.374     | 0.000       | 6.597       |
| 6.980      | 0.997      | 0.568      | 2.669           | 0.399      | 1.136      | 59.536     | 99.680      | 4.829       |
| 4.193      | 0.000      | 0.341      | 1.603           | 0.000      | 0.682      | 35.766     | 0.000       | 2.900       |
| 3.660      | 5.223      | 0.298      | 1.399           | 2.089      | 0.596      | 31.219     | 522.340     | 2.531       |
| 3.711      | 0.000      | 0.302      | 1.419           | 0.000      | 0.604      | 31.653     | 0.000       | 2.566       |
| 10.026     | 1.431      | 0.816      | 3.834           | 0.572      | 1.631      | 85.519     | 143.090     | 6.932       |
| 14.983     | 2.137      | 1.219      | 5.729           | 0.855      | 2.438      | 127.800    | 213.741     | 10.359      |
| 6.237      | 0.890      | 0.507      | 2.385           | 0.356      | 1.015      | 53.200     | 89.007      | 4.313       |
| 13.404     | 1.912      | 1.091      | 5.125           | 0.765      | 2.181      | 114.330    | 191.233     | 9.270       |
| 11.979     | 1.653      | 0.925      | 4.580           | 0.661      | 1.850      | 102.176    | 165.330     | 7.862       |
| 4.350      | 0.621      | 0.354      | 1.663           | 0.248      | 0.708      | 37.101     | 62.059      | 3.008       |
| 20.707     | 2.956      | 1.685      | 7.917           | 1.182      | 3.371      | 176.616    | 295.558     | 14.325      |
| 12.082     | 1.725      | 0.983      | 4.620           | 0.690      | 1.966      | 103.053    | 172.476     | 8.357       |
| 12.577     | 1.794      | 1.023      | 4.809           | 0.718      | 2.046      | 107.277    | 179.443     | 8.696       |
| 8.830      | 1.259      | 0.718      | 3.376           | 0.504      | 1.437      | 75.317     | 125.940     | 6.107       |
| 10.246     | 1.463      | 0.834      | 3.918           | 0.585      | 1.667      | 87.391     | 146.305     | 7.085       |
| 7.214      | 1.030      | 0.587      | 2.758           | 0.412      | 1.174      | 61.529     | 102.985     | 4.990       |
| 7.064      | 1.008      | 0.575      | 2.701           | 0.403      | 1.150      | 60.254     | 100.842     | 4.886       |

Table 3.2-3d (Continued)

| Part.      |            |            | SO <sub>x</sub> |            |            | CO         |             |             |
|------------|------------|------------|-----------------|------------|------------|------------|-------------|-------------|
| LDG<br>(2) | HOG<br>(3) | HDD<br>(4) | LDG<br>(5)      | HOG<br>(6) | HDD<br>(7) | LDG<br>(9) | HDD<br>(10) | LDG<br>(11) |
| 6.233      | 0.890      | 0.507      | 2.383           | 0.356      | 1.015      | 53.160     | 88.998      | 4.313       |
| 6.742      | 1.154      | 0.692      | 2.578           | 0.462      | 1.384      | 57.504     | 115.401     | 5.384       |
| 11.274     | 1.429      | 0.822      | 4.311           | 0.572      | 1.644      | 96.159     | 142.911     | 6.986       |
| 10.867     | 1.576      | 0.928      | 4.155           | 0.631      | 1.858      | 92.692     | 157.649     | 7.888       |
| 14.815     | 2.045      | 1.144      | 5.665           | 0.818      | 2.288      | 126.365    | 204.452     | 9.723       |
| 6.228      | 0.889      | 0.507      | 2.381           | 0.356      | 1.013      | 53.120     | 88.891      | 4.307       |
| 9.938      | 1.417      | 0.808      | 3.800           | 0.567      | 1.616      | 84.761     | 141.661     | 6.869       |
| 7.952      | 1.135      | 0.647      | 3.040           | 0.454      | 1.294      | 67.825     | 113.525     | 5.499       |
| 3.802      | 0.542      | 0.309      | 1.454           | 0.217      | 0.618      | 32.430     | 54.235      | 2.623       |
| 7.162      | 1.022      | 0.583      | 2.739           | 0.409      | 1.165      | 61.090     | 102.181     | 4.953       |
| 15.637     | 2.195      | 1.209      | 5.979           | 0.878      | 2.417      | 133.379    | 219.458     | 10.274      |
| 17.754     | 2.534      | 1.445      | 6.788           | 1.014      | 2.889      | 151.431    | 253.399     | 12.278      |
| 17.436     | 2.488      | 1.419      | 8.667           | 0.995      | 2.837      | 148.721    | 248.844     | 12.058      |
| 3.513      | 0.502      | 0.286      | 1.343           | 0.201      | 0.572      | 29.963     | 50.171      | 2.429       |
| 2.071      | 0.606      | 3.453      | 0.792           | 0.242      | 6.906      | 17.662     | 60.568      | 29.350      |
| 8.307      | 1.185      | 0.676      | 3.176           | 0.474      | 1.352      | 70.854     | 118.527     | 5.745       |
| 2.052      | 0.293      | 0.167      | 0.785           | 0.117      | 0.334      | 17.502     | 29.288      | 1.420       |
| 8.064      | 1.151      | 0.656      | 3.083           | 0.461      | 1.313      | 68.781     | 115.133     | 5.578       |
| 1.944      | 0.277      | 0.158      | 0.743           | 0.111      | 0.316      | 16.578     | 27.743      | 1.344       |
| 3.855      | 0.550      | 0.314      | 1.474           | 0.220      | 0.627      | 32.880     | 54.985      | 2.666       |
| 9.881      | 1.410      | 0.804      | 3.778           | 0.564      | 1.608      | 84.283     | 141.035     | 6.834       |
| 2.107      | 0.301      | 0.171      | 0.805           | 0.120      | 0.343      | 17.968     | 30.065      | 1.458       |
| 4.859      | 0.693      | 0.395      | 1.858           | 0.277      | 0.791      | 41.444     | 69.348      | 3.361       |
| 3.376      | 0.482      | 0.275      | 1.291           | 0.193      | 0.549      | 28.792     | 48.170      | 2.334       |
| 25.103     | 3.582      | 2.043      | 9.598           | 1.433      | 4.086      | 214.115    | 358.171     | 17.366      |
| 2.952      | 0.421      | 0.240      | 1.129           | 0.169      | 0.481      | 25.181     | 42.132      | 2.042       |
| 15.016     | 2.143      | 1.222      | 5.741           | 0.857      | 2.443      | 128.079    | 214.277     | 10.383      |
| 4.644      | 0.663      | 0.378      | 1.776           | 0.265      | 0.756      | 39.611     | 66.275      | 3.211       |
| 16.740     | 2.389      | 1.362      | 6.401           | 0.956      | 2.724      | 142.783    | 238.929     | 11.577      |
| 16.245     | 2.112      | 1.204      | 6.211           | 0.845      | 2.408      | 138.559    | 211.240     | 10.235      |

Table 3.2-3d (Continued)

| Part.      |            |            | SO <sub>x</sub> |            |            | CO         |             |             |
|------------|------------|------------|-----------------|------------|------------|------------|-------------|-------------|
| LDG<br>(2) | HDG<br>(3) | HDD<br>(4) | LDG<br>(5)      | HDG<br>(6) | HDD<br>(7) | LDG<br>(9) | HDG<br>(10) | HDD<br>(11) |
| 20.716     | 2.640      | 1.685      | 7.921           | 1.056      | 3.371      | 176.696    | 264.028     | 14.325      |
| 10.209     | 1.458      | 0.831      | 3.903           | 0.583      | 1.662      | 87.073     | 145.769     | 7.061       |
| 10.718     | 1.530      | 0.872      | 4.098           | 0.612      | 1.744      | 91.416     | 153.004     | 7.413       |
| 2.072      | 0.296      | 0.169      | 0.792           | 0.118      | 0.337      | 17.670     | 29.565      | 1.432       |
| 5.957      | 1.268      | 0.723      | 2.278           | 0.507      | 1.447      | 50.809     | 126.834     | 6.149       |
| 4.559      | 0.651      | 0.371      | 1.743           | 0.260      | 0.742      | 38.886     | 65.051      | 3.152       |
| 5.863      | 0.836      | 0.477      | 2.242           | 0.335      | 0.954      | 50.012     | 83.630      | 4.055       |
| 8.998      | 1.284      | 0.732      | 3.441           | 0.514      | 1.464      | 76.751     | 128.441     | 6.223       |
| 8.956      | 1.278      | 0.729      | 3.425           | 0.511      | 1.457      | 76.393     | 127.816     | 6.194       |
| 18.254     | 2.605      | 1.485      | 6.979           | 1.042      | 2.970      | 155.695    | 260.455     | 12.622      |
| 1.786      | 2.548      | 0.145      | 0.683           | 1.019      | 0.291      | 15.231     | 254.828     | 1.235       |
| 1.045      | 0.149      | 0.085      | 0.400           | 0.060      | 0.170      | 8.914      | 14.916      | 0.722       |
| 0.461      | 0.066      | 0.037      | 0.176           | 0.026      | 0.075      | 3.928      | 6.574       | 0.318       |
| 3.434      | 0.497      | 0.283      | 1.332           | 0.199      | 0.567      | 29.720     | 49.715      | 2.409       |

Table 3.1-1

## Population-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 1

| (1)<br>Subareas       | (2)<br>Population | (3)<br>Allocation Proportion |
|-----------------------|-------------------|------------------------------|
| Atlanta               | 439,832           | .581                         |
| Fairburn              | 9,096             | .012                         |
| Hapeville             | 9,821             | .013                         |
| Rosswell              | 19,380            | .026                         |
| Union City            | 16,298            | .022                         |
| East Point            | 47,940            | .063                         |
| College Park          | 26,039            | .034                         |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
| SUBAREA TOTAL         | 568,406           | .751                         |
| Residual <sup>1</sup> | 188,632           | .249                         |
| D. COUNTY TOTAL       | 757,038           | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the population accounted for by all specified subcounty areas.

$$RP = TPOP - \sum_{i=1}^N POP_i$$

where: RP = Residual population not accounted for by specified subareas  
 TPOP = COUNTY TOTAL (row D, column [2])  
 POP<sub>i</sub> = Population in each specified subcounty area i.

Table 3.2-4

## Motor Vehicle Data Allocated to Subcounty Areas

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 1

| Subarea<br>(1)  | VMT<br>(10 <sup>6</sup> Vehicle-miles/yr) |            |            | Average<br>Speed<br>(mph)<br>(5) |
|-----------------|-------------------------------------------|------------|------------|----------------------------------|
|                 | (2)<br>LDG                                | (3)<br>HDG | (4)<br>HDD |                                  |
| Atlanta         | 1179.8                                    | 93.5       | .1422      |                                  |
| Fairburn        | 24.3                                      | 1.9        | .0029      |                                  |
| Hapeville       | 26.4                                      | 2          | .0032      |                                  |
| Roswell         | 52.8                                      | 4.1        | .0064      |                                  |
| Union City      | 44.6                                      | 3.5        | .0054      |                                  |
| East Point      | 127.9                                     | 10.1       | .0154      |                                  |
| College Park    | 69                                        | 5.4        | .0083      |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
|                 |                                           |            |            |                                  |
| SUBAREA TOTAL   | 1524.8                                    | 120.5      | .1838      |                                  |
| Residual        | 770                                       | 61.5       | .0928      |                                  |
| D. COUNTY TOTAL | 2294.8                                    | 182        | .2766      |                                  |

**Table 3.2-5**  
**Motor Vehicle Emissions Allocated**  
**to Subcounty Areas**

A. County Fulton  
B. Year 1985  
C. Allocation Order 1

[illegible]

NOTE: All emissions values are in millions of grams. Therefore, 120E3 is read 120 billion grams.

Table 3.2-11  
 Transportation Emissions  
 Allocated to Subcounty Areas

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 1

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| Atlanta         | 509.6                  | 195.8                  | 20776.5   |           |                        |
| Fairburn        | 10.5                   | 4.0                    | 426.8     |           |                        |
| Hapeville       | 11.4                   | 4.4                    | 455.4     |           |                        |
| Rosswell        | 22.7                   | 8.7                    | 925.1     |           |                        |
| Union City      | 19.2                   | 7.4                    | 786.2     |           |                        |
| East Point      | 55.2                   | 21.3                   | 2264.9    |           |                        |
| College Park    | 29.8                   | 11.5                   | 1215.2    |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 658.2                  | 253.4                  | 26850.1   |           |                        |
| Residual        | 332.8                  | 128.1                  | 13740.3   |           |                        |
| F. COUNTY TOTAL | 991.0                  | 381.5                  | 40590.4   |           |                        |

### B.2.3 Commercial/Institutional Fuel Combustion Emissions

#### ALLOCATION PROCEDURE

##### All Orders

Isolate point sources.

##### Order 1

Allocate fuel use by population distribution.

##### Order 2

Allocate fuel use by employment distribution.

##### Order 3

Compute fuel use in each subarea.

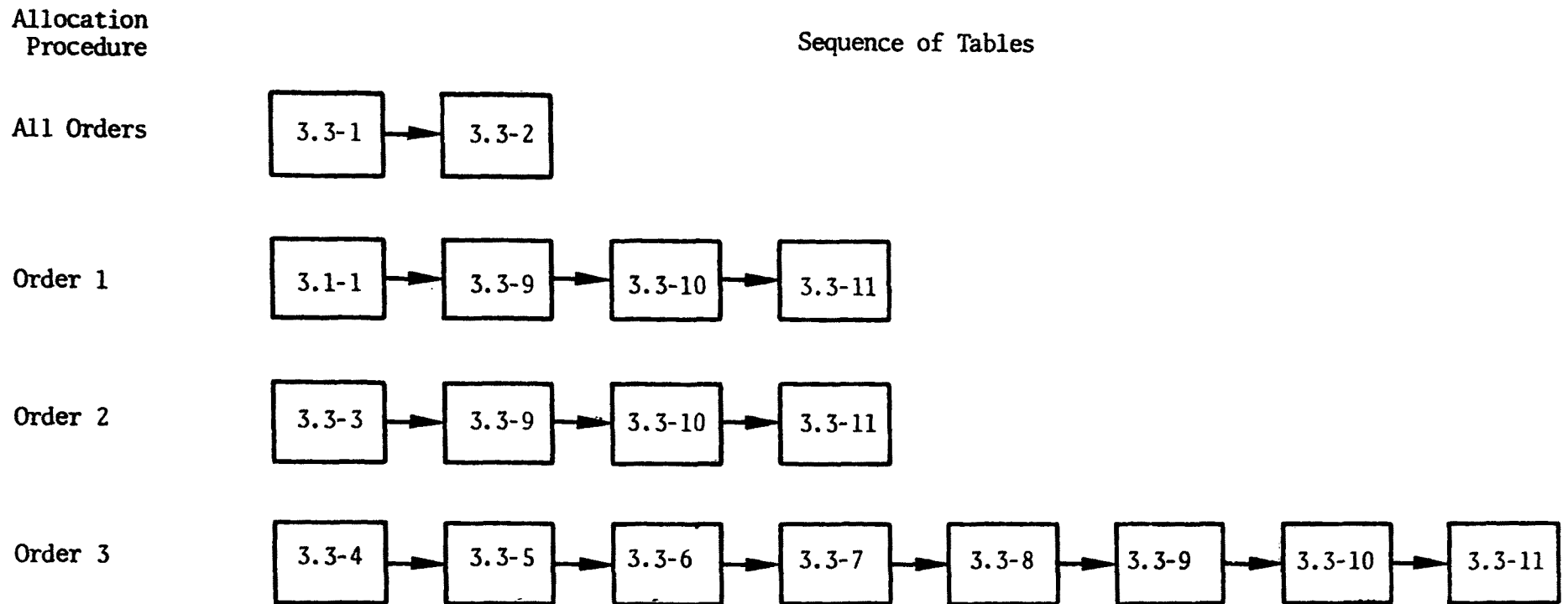


Fig. 3.3-1 Commercial/Institutional Fuel Combustion Allocation Table Sequence

ASSUMPTIONS AND LIMITATIONS OF THE EXAMPLE FOR  
COMMERCIAL/INSTITUTIONAL EMISSIONS

- A. Fulton County is made up of ten superdistricts as defined by the Atlanta Regional Commission Data Center. The following six superdistricts comprise Atlanta: #10, Central Business District, #11, Northeast, #12, Northwest, #13, Southeast; #14, Southwest and #17, Buckhead. The remaining four superdistricts (#15, Tri-Cities (East Point, Hapeville & College Park), #16, South Fulton, #18, Sandy Springs and #19, North Fulton) make up the remainder of Fulton County.
- B. The percentage of commercial/institutional employees is obtained by adding up the wholesale and retail trade, services, and educational services employee columns in the 1972 County and City Data Book.
- C. The percentage of construction employees in the Tri-Cities superdistrict is the same as the percentage of construction employees in the East Point superdistrict. The East Point percentage of construction employees is obtained from the 1972 County and City Data Book.
- D. The percentage of commercial/institutional employees in the Tri-Cities superdistrict is the same as the percentage of commercial/institutional employees in East Point superdistrict. The East Point percentage of commercial/institutional employees is obtained from the 1972 County and City Data Book.
- E. The percentage of construction and commercial/institutional employees shown in the 1972 County and City Data Book for Atlanta, East Point, and Fulton County remain constant throughout the forecast years.
- F. The total employment for each superdistrict in Fulton County is derived by taking the total employment minus the construction figures from the Atlanta Regional Commission and dividing it by 1.0 minus the percentage (in decimal form) of construction employees.
- G. The number of commercial/institutional employees is derived by multiplying the result obtained from assumption "F" (total employees) by the percentage of commercial/institutional employees.
- H. Since no construction or commercial/institutional employment data are available for superdistricts #16, #18 or #19, these three superdistricts are assumed to equal the residual difference between the Fulton County totals and the sum of Atlanta (superdistricts #10, #11, #13 and #14 and #17) and the Tri-Cities (superdistrict #15).

Table 3.3-3

Commercial/Institutional Employment-Based  
Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 2

| (1)             | (2)                                        | (3)                   |
|-----------------|--------------------------------------------|-----------------------|
| Subarea         | Commercial/<br>Institutional<br>Employment | Allocation Proportion |
| 10 - CBD        | 41,877                                     | .247                  |
| 11 - Northeast  | 37,957                                     | .224                  |
| 12 - Northwest  | 21,211                                     | .125                  |
| 13 - Southeast  | 18,619                                     | .110                  |
| 14 - Southwest  | 14,800                                     | .087                  |
| 15 - Tri-Cities | 16,511                                     | .097                  |
| 17 - Buckhead   | 13,798                                     | .081                  |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
| SUBAREA TOTAL   | 164,773                                    | .971                  |
| Residual        | 4,858                                      | .029                  |
| D. COUNTY TOTAL | 169,631                                    | 1.0                   |

Table 3.3-9

Commercial/Institutional Fuel Use Allocated  
to Subcounty Areas

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 2

| (1)<br><br>Subarea                    | Annual Fuel Use       |                       |                    |                                  |                     | Natural Gas<br>(10 <sup>6</sup> ft <sup>3</sup> /yr.)<br><br>(7) |
|---------------------------------------|-----------------------|-----------------------|--------------------|----------------------------------|---------------------|------------------------------------------------------------------|
|                                       | Coal<br>(tons/yr.)    |                       |                    | Oil<br>(10 <sup>5</sup> gal/yr.) |                     |                                                                  |
|                                       | (2)<br><br>Anthracite | (3)<br><br>Bituminous | (4)<br><br>Lignite | (5)<br><br>Distillate            | (6)<br><br>Residual |                                                                  |
| 10 - CBD                              |                       | 1976                  |                    | 934                              |                     | 3,211                                                            |
| 11 - Northeast                        |                       | 1792                  |                    | 847                              |                     | 2,912                                                            |
| 12 - Northwest                        |                       | 1000                  |                    | 472                              |                     | 1,625                                                            |
| 13 - Southeast                        |                       | 880                   |                    | 416                              |                     | 1,430                                                            |
| 14 - Southwest                        |                       | 696                   |                    | 329                              |                     | 1,131                                                            |
| 15 - Tri-Cities                       |                       | 776                   |                    | 366                              |                     | 1,261                                                            |
| 17 - Buckhead                         |                       | 648                   |                    | 306                              |                     | 1,053                                                            |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
| SUBAREA TOTAL                         |                       | 7768                  |                    | 3670                             |                     | 12,623                                                           |
| Residual                              |                       | 232                   |                    | 110                              |                     | 377                                                              |
| D. ACTUAL COUNTY TOTAL                |                       | 8000                  |                    | 3780                             |                     | 13,000                                                           |
| E. COMPUTED COUNTY TOTAL <sup>1</sup> |                       |                       |                    |                                  |                     |                                                                  |

<sup>1</sup> This row will be used only in cases where an Order 3 allocation procedure is being followed.

Table 3.3-10

## Commercial/Institutional Fuel Combustion Emission Factors

A. County Fulton  
 B. Year 1970  
 C. Allocation orders 2

|             |            | Emission Factors                         |                                           |                                          |             |                          |
|-------------|------------|------------------------------------------|-------------------------------------------|------------------------------------------|-------------|--------------------------|
| (1)         |            | (2)<br>Part.                             | (3)<br>SO <sub>x</sub>                    | (4)<br>CO                                | (5)<br>HC * | (6)<br>NO <sub>x</sub> * |
| Coal        | Anthracite |                                          |                                           |                                          |             |                          |
|             | Bituminous | 14.6<br>lb/ton                           | 64.6<br>lb/ton                            | 10<br>lb/ton                             |             |                          |
|             | Lignite    |                                          |                                           |                                          |             |                          |
| Oil         | Distillate | 15<br>lb/10 <sup>3</sup> gal             | 30.24<br>lb/10 <sup>3</sup> gal           | 4<br>lb/10 <sup>3</sup> gl               |             |                          |
|             | Residual   |                                          |                                           |                                          |             |                          |
| Natural Gas |            | 19<br>lb/10 <sup>6</sup> ft <sup>3</sup> | 0.6<br>lb/10 <sup>6</sup> ft <sup>3</sup> | 20<br>lb/10 <sup>6</sup> ft <sup>3</sup> |             |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Table 3.3-11  
Commercial/Institutional Fuel Combustion Emissions  
Allocated to Sub-County Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 2

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 10 - CBD        | 51.93                  | 78.91                  | 43.86     |           |                        |
| 11 - Northeast  | 47.10                  | 71.56                  | 39.77     |           |                        |
| 12 - Northwest  | 26.28                  | 39.92                  | 22.19     |           |                        |
| 13 - Southeast  | 23.13                  | 35.14                  | 19.53     |           |                        |
| 14 - Southwest  | 18.29                  | 27.80                  | 15.45     |           |                        |
| 15 - Tri-Cities | 20.39                  | 30.98                  | 17.23     |           |                        |
| 17 Buckhead     | 17.03                  | 25.87                  | 14.38     |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 204.15                 | 310.18                 | 172.41    |           |                        |
| Residual        | 6.10                   | 9.27                   | 5.15      |           |                        |
| D. COUNTY TOTAL | 210.25                 | 319.45                 | 177.56    |           |                        |

A. County Fulton  
B. Year 1975  
C. Allocation Order 2

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Table 3.3-9

Commercial/Institutional Fuel Use Allocated  
to Subcounty Areas

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 2

| (1)<br><br>Subarea                    | Annual Fuel Use       |                       |                    |                                  |                     | Natural Gas<br>(10 <sup>6</sup> ft <sup>3</sup> /yr )<br><br>(7) |
|---------------------------------------|-----------------------|-----------------------|--------------------|----------------------------------|---------------------|------------------------------------------------------------------|
|                                       | Coal<br>(tons/yr )    |                       |                    | Oil<br>(10 <sup>3</sup> gal/yr ) |                     |                                                                  |
|                                       | (2)<br><br>Anthracite | (3)<br><br>Bituminous | (4)<br><br>Lignite | (5)<br><br>Distillate            | (6)<br><br>Residual |                                                                  |
| 10 - CBD                              |                       | 2129                  |                    | 1006                             |                     | 3,459                                                            |
| 11 - Northeast                        |                       | 1793                  |                    | 847                              |                     | 2,914                                                            |
| 12 - Northwest                        |                       | 1122                  |                    | 530                              |                     | 1,823                                                            |
| 13 - Southeast                        |                       | 927                   |                    | 438                              |                     | 1,507                                                            |
| 14 - Southwest                        |                       | 760                   |                    | 359                              |                     | 1,234                                                            |
| 15 Tri-Cities                         |                       | 857                   |                    | 405                              |                     | 1,393                                                            |
| 17 - Buckhead                         |                       | 742                   |                    | 351                              |                     | 1,206                                                            |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
| SUBAREA TOTAL                         |                       | 8330                  |                    | 3936                             |                     | 13,536                                                           |
| Residual                              |                       | 503                   |                    | 238                              |                     | 818                                                              |
| D. ACTUAL COUNTY TOTAL                |                       | 8833                  |                    | 4174                             |                     | 14,354                                                           |
| E. COMPUTED COUNTY TOTAL <sup>1</sup> |                       |                       |                    |                                  |                     |                                                                  |

<sup>1</sup> This row will be used only in cases where an Order 3 allocation procedure is being followed.

Table 3.3-10

## Commercial/Institutional Fuel Combustion Emission Factors

A. County Fulton  
 B. Year 1975  
 C. Allocation orders 2

|             |            | Emission Factors                         |                                           |                                          |             |                          |
|-------------|------------|------------------------------------------|-------------------------------------------|------------------------------------------|-------------|--------------------------|
| (1)         |            | (2)<br>Part.                             | (3)<br>SO <sub>x</sub>                    | (4)<br>CO                                | (5)<br>HC * | (6)<br>NO <sub>x</sub> * |
| Coal        | Anthracite |                                          |                                           |                                          |             |                          |
|             | Bituminous | 14.6<br>lb/ton                           | 64.6<br>lb/ton                            | 10<br>lb/ton                             |             |                          |
|             | Lignite    |                                          |                                           |                                          |             |                          |
| Oil         | Distillate | 15<br>lb/10 <sup>3</sup> gal             | 30.24<br>lb/10 <sup>3</sup> gal           | 4<br>lb/10 <sup>3</sup> gal              |             |                          |
|             | Residual   |                                          |                                           |                                          |             |                          |
| Natural Gas |            | 19<br>lb/10 <sup>6</sup> ft <sup>3</sup> | 0.6<br>lb/10 <sup>6</sup> ft <sup>3</sup> | 20<br>lb/10 <sup>6</sup> ft <sup>3</sup> |             |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Table 3.3-11  
Commercial/Institutional Fuel Combustion Emissions  
Allocated to Sub-County Areas

A. County Fulton  
B. Year 1975  
C. Allocation Order 2

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 10 - CBD        | 55.95                  | 85.02                  | 47.25     |           |                        |
| 11 - Northeast  | 47.12                  | 71.59                  | 39.80     |           |                        |
| 12 - Northwest  | 29.48                  | 44.80                  | 24.90     |           |                        |
| 13 - Southeast  | 24.37                  | 37.02                  | 20.58     |           |                        |
| 14 - Southwest  | 19.96                  | 30.35                  | 16.86     |           |                        |
| 15 - Tri-Cities | 22.53                  | 34.22                  | 19.02     |           |                        |
| 17 - Buckhead   | 19.51                  | 29.63                  | 16.47     |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 218.92                 | 332.63                 | 184.88    |           |                        |
| Residual        | 13.23                  | 20.09                  | 11.17     |           |                        |
| D. COUNTY TOTAL | 232.15                 | 352.72                 | 196.05    |           |                        |

### Commercial/Institutional Employment-Based Allocation Proportions for Subcounty Areas

| (1)             | (2)                                        | (3)                   |
|-----------------|--------------------------------------------|-----------------------|
| Subarea         | Commercial/<br>Institutional<br>Employment | Allocation Proportion |
| 10 - CBD        | 48,305                                     | .236                  |
| 11 - Northeast  | 38,342                                     | .187                  |
| 12 - Northwest  | 26,261                                     | .128                  |
| 13 - Southeast  | 20,663                                     | .101                  |
| 14 - Southwest  | 17,329                                     | .085                  |
| 15 - Tri-Cities | 19,790                                     | .096                  |
| 17 - Buckhead   | 17,804                                     | .087                  |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
| SUBAREA TOTAL   | 188,494                                    | .920                  |
| Residual        | 16,470                                     | .080                  |
| D. COUNTY TOTAL | 204,964                                    | 1.0                   |

Commercial/Institutional Fuel Use Allocated  
to Subcounty Areas

A. County Fulton  
 B. Year 1980  
 C. Allocation Year 2

| Subarea                   | Annual Fuel Use   |                   |                |                                 |                 | Natural Gas<br>(10 <sup>6</sup> ft <sup>3</sup> /yr) |
|---------------------------|-------------------|-------------------|----------------|---------------------------------|-----------------|------------------------------------------------------|
|                           | Coal<br>(tons/yr) |                   |                | Oil<br>(10 <sup>5</sup> gal/yr) |                 |                                                      |
|                           | (2)<br>Anthracite | (3)<br>Bituminous | (4)<br>Lignite | (5)<br>Distillate               | (6)<br>Residual |                                                      |
| 10 - CBD                  |                   | 2281              |                | 1078                            |                 | 3,707                                                |
| 11 - Northeast            |                   | 1808              |                | 854                             |                 | 2,937                                                |
| 12 - Northwest            |                   | 1237              |                | 585                             |                 | 2,011                                                |
| 13 - Southeast            |                   | 976               |                | 461                             |                 | 1,586                                                |
| 14 - Southwest            |                   | 822               |                | 388                             |                 | 1,335                                                |
| 15 - Tri-Cities           |                   | 928               |                | 439                             |                 | 1,508                                                |
| 17 - Buckhead             |                   | 841               |                | 397                             |                 | 1,367                                                |
|                           |                   |                   |                |                                 |                 |                                                      |
|                           |                   |                   |                |                                 |                 |                                                      |
|                           |                   |                   |                |                                 |                 |                                                      |
|                           |                   |                   |                |                                 |                 |                                                      |
|                           |                   |                   |                |                                 |                 |                                                      |
|                           |                   |                   |                |                                 |                 |                                                      |
|                           |                   |                   |                |                                 |                 |                                                      |
|                           |                   |                   |                |                                 |                 |                                                      |
|                           |                   |                   |                |                                 |                 |                                                      |
| SUBAREA TOTAL             |                   | 8893              |                | 4202                            |                 | 14,451                                               |
| Residual                  |                   | 773               |                | 365                             |                 | 1,257                                                |
| D. ACTUAL COUNTY TOTAL    |                   | 9666              |                | 4567                            |                 | 15,708                                               |
| E. COMPLETED COUNTY TOTAL |                   |                   |                |                                 |                 |                                                      |

<sup>1</sup> This row will be used only in cases where an Order 3 allocation procedure is being followed.

Table 3.3-10

## Commercial/Institutional Fuel Combustion Emission Factors

A. County Fulton  
 B. Year 1980  
 C. Allocation orders 2

| (1)         |            | Emission Factors                         |                                           |                                          |            |                          |
|-------------|------------|------------------------------------------|-------------------------------------------|------------------------------------------|------------|--------------------------|
|             |            | (2)<br>Part.                             | (3)<br>SO <sub>x</sub>                    | (4)<br>CO                                | (5)<br>HC* | (6)<br>NO <sub>x</sub> * |
| Coal        | Anthracite |                                          |                                           |                                          |            |                          |
|             | Bituminous | 14.6<br>lb/ton                           | 64.6<br>lb/ton                            | 10<br>lb/ton                             |            |                          |
|             | Lignite    |                                          |                                           |                                          |            |                          |
| Oil         | Distillate | 15<br>lb/10 <sup>3</sup> gal             | 30.24<br>lb/10 <sup>3</sup> gal           | 4<br>lb/10 <sup>3</sup> gal              |            |                          |
|             | Residual   |                                          |                                           |                                          |            |                          |
| Natural Gas |            | 19<br>lb/10 <sup>6</sup> ft <sup>3</sup> | 0.6<br>lb/10 <sup>6</sup> ft <sup>3</sup> | 20<br>lb/10 <sup>6</sup> ft <sup>3</sup> |            |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Table 3.3-11  
Commercial/Institutional Fuel Combustion Emissions  
Allocated to Sub-County Areas

A. County Fulton  
B. Year 1980  
C. Allocation Order 2

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 10 - CBD        | 59.95                  | 91.09                  | 50.63     |           |                        |
| 11 - Northeast  | 47.51                  | 72.19                  | 40.12     |           |                        |
| 12 - Northwest  | 32.52                  | 49.40                  | 27.47     |           |                        |
| 13 - Southeast  | 25.65                  | 38.97                  | 21.66     |           |                        |
| 14 - Southwest  | 21.59                  | 32.82                  | 18.23     |           |                        |
| 15 Tri-Cities   | 24.39                  | 37.06                  | 20.60     |           |                        |
| 17 - Buckhead   | 22.11                  | 33.58                  | 18.67     |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 233.72                 | 355.11                 | 197.38    |           |                        |
| Residual        | 20.32                  | 30.87                  | 17.16     |           |                        |
| D. COUNTY TOTAL | 254.04                 | 385.98                 | 214.54    |           |                        |

Table 3.3-3

Commercial/Institutional Employment-Based  
Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 2

| (1)             | (2)                                        | (3)                   |
|-----------------|--------------------------------------------|-----------------------|
| Subarea         | Commercial/<br>Institutional<br>Employment | Allocation Proportion |
| 10 - CBD        | 50,925                                     | .224                  |
| 11 - Northeast  | 38,777                                     | .171                  |
| 12 - Northwest  | 29,249                                     | .129                  |
| 13 - Southeast  | 22,046                                     | .097                  |
| 14 - Southwest  | 20,149                                     | .089                  |
| 15 - Tri-Cities | 22,521                                     | .099                  |
| 17 - Buckhead   | 19,877                                     | .087                  |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
| SUBAREA TOTAL   | 203,494                                    | .896                  |
| Residual        | 23,505                                     | .104                  |
| D. COUNTY TOTAL | 226,999                                    | 1.0                   |

### Commercial/Institutional Fuel Use Allocated to Subcounty Areas

| (1)<br><br>Subarea                    | Annual Fuel Use       |                       |                    |                                  |                     | (7)<br><br>Natural Gas<br>(10 <sup>6</sup> ft <sup>3</sup> /yr ) |
|---------------------------------------|-----------------------|-----------------------|--------------------|----------------------------------|---------------------|------------------------------------------------------------------|
|                                       | Coal<br>(tons/yr )    |                       |                    | Oil<br>(10 <sup>5</sup> gal/yr ) |                     |                                                                  |
|                                       | (2)<br><br>Anthracite | (3)<br><br>Bituminous | (4)<br><br>Lignite | (5)<br><br>Distillate            | (6)<br><br>Residual |                                                                  |
| 10 - CBD                              |                       | 2398                  |                    | 1133                             |                     | 3,897                                                            |
| 11 - Northeast                        |                       | 1830                  |                    | 865                              |                     | 2,975                                                            |
| 12 - Northwest                        |                       | 1381                  |                    | 652                              |                     | 2,244                                                            |
| 13 - Southeast                        |                       | 1038                  |                    | 490                              |                     | 1,687                                                            |
| 14 - Southwest                        |                       | 953                   |                    | 450                              |                     | 1,548                                                            |
| 15 - Tri-Cities                       |                       | 1060                  |                    | 501                              |                     | 1,722                                                            |
| 17 - Buckhead                         |                       | 937                   |                    | 443                              |                     | 1,523                                                            |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
|                                       |                       |                       |                    |                                  |                     |                                                                  |
| SUBAREA TOTAL                         |                       | 9597                  |                    | 4534                             |                     | 15,596                                                           |
| Residual                              |                       | 1109                  |                    | 524                              |                     | 1,801                                                            |
| D. ACTUAL COUNTY TOTAL                |                       | 10706                 |                    | 5058                             |                     | 17,397                                                           |
| E. COMPUTED COUNTY TOTAL <sup>1</sup> |                       |                       |                    |                                  |                     |                                                                  |

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Table 3.3-10

## Commercial/Institutional Fuel Combustion Emission Factors

A. County Fulton  
 B. Year 1985  
 C. Allocation orders 2

| (1)         |            | Emission Factors                         |                                           |                                          |            |                          |
|-------------|------------|------------------------------------------|-------------------------------------------|------------------------------------------|------------|--------------------------|
|             |            | (2)<br>Part.                             | (3)<br>SO <sub>x</sub>                    | (4)<br>CO                                | (5)<br>HC* | (6)<br>NO <sub>x</sub> * |
| Coal        | Anthracite |                                          |                                           |                                          |            |                          |
|             | Bituminous | 14.6<br>lb/ton                           | 64.6<br>lb/ton                            | 10<br>lb/ton                             |            |                          |
|             | Lignite    |                                          |                                           |                                          |            |                          |
| Oil         | Distillate | 15<br>lb/10 <sup>3</sup> gal             | 30.24<br>lb/10 <sup>3</sup> gal           | 4<br>lb/10 <sup>3</sup> gal              |            |                          |
|             | Residual   |                                          |                                           |                                          |            |                          |
| Natural Gas |            | 19<br>lb/10 <sup>6</sup> ft <sup>3</sup> | 0.6<br>lb/10 <sup>6</sup> ft <sup>3</sup> | 20<br>lb/10 <sup>6</sup> ft <sup>3</sup> |            |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Table 3.3-11  
Commercial/Institutional Fuel Combustion Emissions  
Allocated to Sub-County Areas

A. County Fulton  
B. Year 1985  
C. Allocation Order 2

| (1)<br>Subarea  | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------|------------------------|------------------------|-----------|-----------|------------------------|
|                 | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 10 - CBD        | 63.02                  | 95.76                  | 53.23     |           |                        |
| 11 - Northeast  | 48.11                  | 73.08                  | 40.63     |           |                        |
| 12 - Northwest  | 36.29                  | 55.14                  | 30.65     |           |                        |
| 13 - Southeast  | 27.28                  | 41.44                  | 23.04     |           |                        |
| 14 - Southwest  | 25.04                  | 38.05                  | 21.15     |           |                        |
| 15 - Tri-Cities | 27.85                  | 42.33                  | 23.52     |           |                        |
| 17 Buckhead     | 24.63                  | 37.42                  | 20.80     |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
|                 |                        |                        |           |           |                        |
| SUBAREA TOTAL   | 252.22                 | 383.22                 | 213.02    |           |                        |
| Residual        | 29.14                  | 44.28                  | 24.60     |           |                        |
| D. COUNTY TOTAL | 281.36                 | 427.50                 | 237.62    |           |                        |

## B.2.4 Industrial Process and Fuel Combustion Emissions

### ALLOCATION PROCEDURE

#### All Orders

Isolate point sources.

#### Order 1

Growth in-situ.

#### Order 2

Growth in new areas only.

#### Order 3

Distributed growth.

ASSUMPTIONS AND LIMITATIONS OF EXAMPLE  
FOR INDUSTRIAL PROCESS AND  
INDUSTRIAL FUEL COMBUSTION EMISSIONS

- A. The total land area for each of the ten superdistricts comprising Fulton County is computed by dividing the amount of used land (ULU) by the percent of used land (%ULU). These figures were obtained from Atlanta Regional Commission (ARC) computer output.
- B. The subarea specific acreage devoted to industrial activity is calculated by multiplying the total land obtained in step one, for each of the superdistricts by the percent industrial land use (%ILU) for that super-district.
- C. The acreage change in industrial land from the baseline year to forecast year is computed for each superdistrict by subtracting the forecast year acreage from the baseline year acreage.
- D. To allocate the change in industrial land among the various superdistricts for each forecast year, the results obtained from step C are divided by the difference between the county total of industrial acreage for the forecast year and the county total of industrial acreage for the baseline year. This subarea specific change in industrial acreage ( $\Delta$  AREA) is the factor used to calculate emissions attributable to the siting of new point sources in each subarea.
- E. Total emissions to be entered in columns (16)-(20) of Tables 3.4-4 and 3.4-8 are obtained for each of the forecast years by multiplying each value in columns (16)-(20) for the baseline year by its process growth factor for the appropriate forecast year. The new source emissions to be entered in columns (10)-(14) of Tables 3.4-4 and 3.4-8 are calculated by multiplying each of the five total emissions columns by the industrial land use change factor ( $\Delta$  AREA) obtained for each of the forecast years in step D.
- F. Emissions at existing point sources (columns (4)-(8) of Tables 3.4-4 and 3.4-8 are determined by subtracting the new source emissions obtained from step E (columns (10)-(14) of Tables 3.4-4 and 3.4-8) from the total emissions; (columns (16)-(20) of Tables 3.4-4 and 3.4-8).
- G. The point source emissions for any given source cannot be less than its baseline year emissions. In the special case(s) where the point source emissions obtained from the calculations of steps E and F are less than the baseline year emissions, enter the baseline year emissions for that point source in columns (4)-(8) of Tables 3.4-4 and 3.4-8 and subtract these columns from the total emissions (columns (16)-(20) of Tables 3.4-4 and 3.4-8 to obtain the new point source emissions. This means that forecasted emissions for an existing point source will be at least equal to the emissions for its baseline year.
- H. If the industrial land use change factor ( $\Delta$  AREA) is negative, enter zeros in columns (10)-(14) of Tables 3.4-4 and 3.4-8 and allocate all of the total emissions to existing point sources.

## Sequence of Tables

Allocation  
Procedure

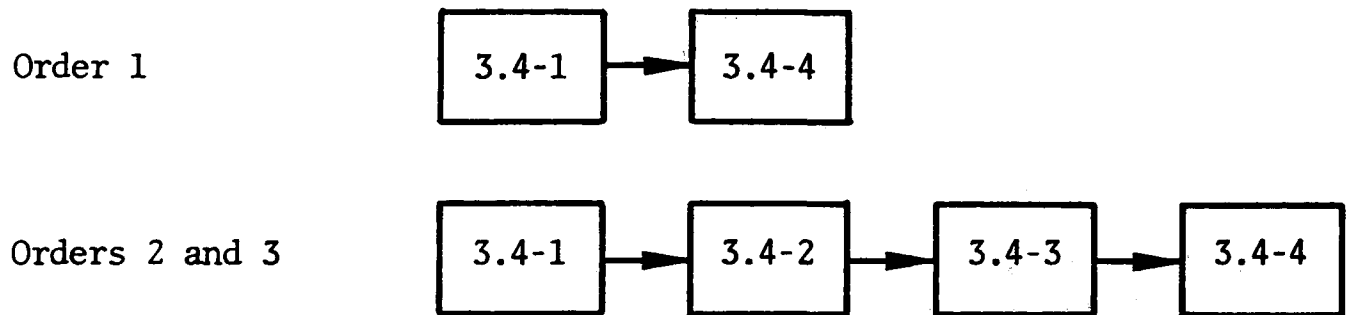


Fig. 3.4-1 Industrial Process Allocation Table Sequence

Industrial Land Use Change Calculation: Fulton County Superdistricts

| SD<br>#                | Name                | %<br>ULU | ULU<br>(Acres) | Total<br>Land<br>Area | 1970<br>ILU% | 1980<br>ILU% | 1990<br>ILU% | 1970<br>ULU<br>(Acre) | 1975<br>ILU<br>(Acre) | 1980<br>ILU<br>(Acre) | 1985<br>ILU<br>(Acre) | 1990<br>ILU<br>(Acre) | 1975<br>ΔAREA       | 1980<br>ΔAREA        | 1985<br>ΔAREA        |
|------------------------|---------------------|----------|----------------|-----------------------|--------------|--------------|--------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------|----------------------|----------------------|
| 10                     | CBD<br>Atlanta      | 60.18    | 595            | 989                   | 13.40        | 13.36        | 13.16        | 133                   | 132                   | 132                   | 131                   | 130                   | (-0.002)<br>-1/474  | (-0.001)<br>-1/948   | (-0.001)<br>-2/1622  |
| 11                     | NE<br>Atlanta       | 65.31    | 5061           | 7749                  | 10.26        | 8.71         | 9.53         | 795                   | 735                   | 675                   | 707                   | 738                   | (-0.126)<br>-60/474 | (-0.127)<br>-120/948 | (-0.054)<br>-88/1622 |
| 12                     | NW<br>Atlanta       | 50.39    | 9169           | 18196                 | 9.15         | 10.18        | 11.32        | 1665                  | 1759                  | 1852                  | 1956                  | 2060                  | (0.198)<br>94/474   | (0.197)<br>187/948   | (0.179)<br>291/1622  |
| 13                     | SE<br>Atlanta       | 53.96    | 8495           | 15743                 | 7.22         | 7.40         | 7.82         | 1137                  | 1151                  | 1165                  | 1198                  | 1231                  | (0.030)<br>14/474   | (0.030)<br>28/948    | (0.038)<br>61/1622   |
| 14                     | SW<br>Atlanta       | 39.94    | 10659          | 26713                 | 3.48         | 4.05         | 4.80         | 930                   | 1006                  | 1082                  | 1182                  | 1282                  | (0.160)<br>76/474   | (0.160)<br>152/948   | (0.155)<br>252/1622  |
| 15                     | Tri-Cities          | 49.37    | 7403           | 14995                 | 5.50         | 5.79         | 6.38         | 825                   | 846                   | 868                   | 912                   | 957                   | (0.044)<br>21/474   | (0.045)<br>43/948    | (0.054)<br>87/1622   |
| 16                     | South<br>Fulton     | 4.50     | 5718           | 127067                | 0.17         | 0.49         | 0.76         | 216                   | 420                   | 623                   | 795                   | 966                   | (0.430)<br>204/474  | (0.429)<br>407/948   | (0.357)<br>579/1622  |
| 17                     | Buckhead<br>Atlanta | 71.26    | 11132          | 15622                 | 0.80         | 1.07         | 1.42         | 125                   | 146                   | 167                   | 195                   | 222                   | (0.044)<br>21/474   | (0.045)<br>42/948    | (0.043)<br>70/1622   |
| 18                     | Sandy<br>Springs    | 29.36    | 7222           | 24598                 | 0.49         | 0.88         | 1.20         | 121                   | 169                   | 216                   | 255                   | 295                   | (0.101)<br>48/474   | (0.100)<br>95/948    | (0.147)<br>134/1622  |
| 19                     | North<br>Fulton     | 5.38     | 4743           | 88160                 | 0.10         | 0.23         | 0.51         | 88                    | 145                   | 203                   | 326                   | 450                   | (0.120)<br>57/474   | (0.121)<br>115/948   | (0.147)<br>238/1622  |
| FULTON COUNTY<br>TOTAL |                     | 20.66    | 70208          | 339832                | 1.78         | 2.06         | 2.45         | 6035                  | 6509                  | 6983                  | 7657                  | 8331                  | 474                 | 948                  | 1622                 |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |            |        |             | Process Emission Forecast (tons/yr) |       |                          |       |             |       |             |       |                          |       |               |
|-----------------------|-----------------------|----------------|----------------|------------|--------|-------------|-------------------------------------|-------|--------------------------|-------|-------------|-------|-------------|-------|--------------------------|-------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |        | (6)<br>GF** | (7)                                 |       | (8)                      |       | (9)         |       | (10)        |       | (11)                     |       | (12)<br>Emp.* |
|                       |                       |                |                | X          | Y      |             | Part.<br>Cont.                      | Emis. | SO <sub>x</sub><br>Cont. | Emis. | CO<br>Cont. | Emis. | HC<br>Cont. | Emis. | NO <sub>x</sub><br>Cont. | Emis. |               |
| 20                    | Coffee Co.            | 2095           | 10             | 742.4      | 3737.3 | 1.0         |                                     | 1     |                          | 0     |             | 0     |             |       |                          |       |               |
| 20                    | Food Prep. Co.        | 2099           | 10             | 742.3      | 3739.2 | 1.0         |                                     | 21    |                          | 10    |             | 0     |             |       |                          |       |               |
| 20                    | Brewing Co.           | 2082           | 13             | 742.7      | 3726.2 | 1.0         |                                     | 2     |                          | 19    |             | 0     |             |       |                          |       |               |
| 20                    | Candle Co.            | 2094           | 12             | 738.9      | 3741.9 | 1.0         |                                     | 5     |                          | 0     |             | 0     |             |       |                          |       |               |
|                       | COUNTY TOTAL          |                |                |            |        |             |                                     | 29    |                          | 29    |             | 0     |             |       |                          |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |            |        |             | Process Emission Forecast (tons/yr) |       |                          |       |             |       |             |       |                          |       |               |
|-----------------------|-----------------------|----------------|----------------|------------|--------|-------------|-------------------------------------|-------|--------------------------|-------|-------------|-------|-------------|-------|--------------------------|-------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |        | (6)<br>GF** | (7)                                 |       | (8)                      |       | (9)         |       | (10)        |       | (11)                     |       | (12)<br>Emp.* |
|                       |                       |                |                | X          | Y      |             | Part.<br>Cont.                      | Emis. | SO <sub>x</sub><br>Cont. | Emis. | CO<br>Cont. | Emis. | HC<br>Cont. | Emis. | NO <sub>x</sub><br>Cont. | Emis. |               |
| 26                    | Paper Bag Co.         | 2643           | 13             | 741.5      | 3736.5 | 1.0         |                                     | 0     |                          | 0     |             | 0     |             |       |                          |       |               |
| 26                    | Paper Coating         | 2641           | 12             | 739.4      | 3739.0 | 1.0         |                                     | 1     |                          | 1     |             | 0     |             |       |                          |       |               |
|                       |                       |                |                |            |        |             |                                     |       |                          |       |             |       |             |       |                          |       |               |
|                       |                       |                |                |            |        |             |                                     |       |                          |       |             |       |             |       |                          |       |               |
|                       | COUNTY TOTAL          |                |                |            |        |             |                                     | 1     |                          | 1     |             | 0     |             |       |                          |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |            |        |             | Process Emission Forecast (tons/yr) |       |                          |       |             |       |             |       |                          |       |               |
|-----------------------|-----------------------|----------------|----------------|------------|--------|-------------|-------------------------------------|-------|--------------------------|-------|-------------|-------|-------------|-------|--------------------------|-------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |        | (6)<br>GF** | (7)                                 |       | (8)                      |       | (9)         |       | (10)        |       | (11)                     |       | (12)<br>Emp.* |
|                       |                       |                |                | X          | Y      |             | Part.<br>Cont.                      | Emis. | SO <sub>x</sub><br>Cont. | Emis. | CO<br>Cont. | Emis. | HC<br>Cont. | Emis. | NO <sub>x</sub><br>Cont. | Emis. |               |
| 28                    | Inorganic             |                |                |            |        |             |                                     |       |                          |       |             |       |             |       |                          |       |               |
|                       | Pigment Co.           | 2816           | 11             | 740.5      | 3741.5 | 1.0         |                                     | 2727  |                          | 1000  |             | 0     |             |       |                          |       |               |
| 28                    | Paint Co.             | 2851           | 15             | 738.7      | 3728.9 | 1.0         |                                     | 1     |                          | 0     |             | 0     |             |       |                          |       |               |
|                       |                       |                |                |            |        |             |                                     |       |                          |       |             |       |             |       |                          |       |               |
|                       | COUNTY TOTAL          |                |                |            |        |             |                                     | 2528  |                          | 1000  |             | 0     |             |       |                          |       |               |

\*Employment  
 \*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |             |          | Process Emission Forecast (tons/yr) |                |              |                          |              |             |              |             |               |                          |               |               |
|-----------------------|-----------------------|----------------|----------------|-------------|----------|-------------------------------------|----------------|--------------|--------------------------|--------------|-------------|--------------|-------------|---------------|--------------------------|---------------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord.<br>X | (5)<br>Y | (6)<br>GF**                         | Part.<br>Cont. | (7)<br>Emis. | SO <sub>x</sub><br>Cont. | (8)<br>Emis. | CO<br>Cont. | (9)<br>Emis. | HC<br>Cont. | (10)<br>Emis. | NO <sub>x</sub><br>Cont. | (11)<br>Emis. | (12)<br>Emp.* |
| 29                    | Paving Co.            | 2951           | 12             | 740.8       | 3739.1   | 1.0                                 |                | 38           |                          | 0            |             | 0            |             |               |                          |               |               |
| 29                    | Paving Co.            | 2951           | 12             | 734.6       | 3740.8   | 1.0                                 |                | 2            |                          | 0            |             | 0            |             |               |                          |               |               |
| 29                    | Paving Co.            | 2951           | 15             | 738.0       | 3728.0   | 1.0                                 |                | 2            |                          | 0            |             | 0            |             |               |                          |               |               |
| 29                    | Paving Co.            | 2951           | 15             | 735.7       | 3724.7   | 1.0                                 |                | 50           |                          | 1            |             | 0            |             |               |                          |               |               |
|                       | COUNTY TOTAL          |                |                |             |          |                                     |                | 92           |                          | 1            |             | 0            |             |               |                          |               |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |             |          | Process Emission Forecast (tons/yr) |                |              |                          |              |             |              |             |               |                          |               |               |
|-----------------------|-----------------------|----------------|----------------|-------------|----------|-------------------------------------|----------------|--------------|--------------------------|--------------|-------------|--------------|-------------|---------------|--------------------------|---------------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord.<br>X | (5)<br>Y | (6)<br>GF**                         | Part.<br>Cont. | (7)<br>Emis. | SO <sub>x</sub><br>Cont. | (8)<br>Emis. | CO<br>Cont. | (9)<br>Emis. | HC<br>Cont. | (10)<br>Emis. | NO <sub>x</sub><br>Cont. | (11)<br>Emis. | (12)<br>Emp.* |
| 33                    | Steel Works Co.       | 3312           | 11             | 741.9       | 3742.1   | 1.0                                 |                | 3446         |                          | 29           |             | 3060         |             |               |                          |               |               |
| 33                    | Iron Foundry          | 3321           | 11             | 744.9       | 3738.6   | 1.0                                 |                | 36           |                          | 1            |             | 2199         |             |               |                          |               |               |
| 33                    | Steel Works Co.       | 3312           | 11             | 741.0       | 3741.9   | 1.0                                 |                | 301          |                          | 0            |             | 3060         |             |               |                          |               |               |
| 33                    | Sec. Smelt. Co.       | 3341           | 12             | 739.2       | 3740.5   | 1.0                                 |                | 5            |                          | 279          |             | 0            |             |               |                          |               |               |
|                       | COUNTY TOTAL          |                |                |             |          |                                     |                | 3788         |                          | 309          |             | 8319         |             |               |                          |               |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |             |          | Process Emission Forecast (tons/yr) |                |              |                          |              |             |              |             |               |                          |               |               |
|-----------------------|-----------------------|----------------|----------------|-------------|----------|-------------------------------------|----------------|--------------|--------------------------|--------------|-------------|--------------|-------------|---------------|--------------------------|---------------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord.<br>X | (5)<br>Y | (6)<br>GF**                         | Part.<br>Cont. | (7)<br>Emis. | SO <sub>x</sub><br>Cont. | (8)<br>Emis. | CO<br>Cont. | (9)<br>Emis. | HC<br>Cont. | (10)<br>Emis. | NO <sub>x</sub><br>Cont. | (11)<br>Emis. | (12)<br>Emp.* |
| 36                    | Electric              |                |                |             |          |                                     |                |              |                          |              |             |              |             |               |                          |               |               |
|                       | Machinery Co.         | 3696           | 16             | 727.5       | 3714.8   | 1.0                                 |                | 202          |                          | 14           |             | 163          |             |               |                          |               |               |
|                       |                       |                |                |             |          |                                     |                |              |                          |              |             |              |             |               |                          |               |               |
|                       |                       |                |                |             |          |                                     |                |              |                          |              |             |              |             |               |                          |               |               |
|                       | COUNTY TOTAL          |                |                |             |          |                                     |                | 202          |                          | 14           |             | 163          |             |               |                          |               |               |

\*Employment

\*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |           |       |                         |       |               |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|-----------|-------|-------------------------|-------|---------------|
|                       | (1)<br>Name           | (2)<br>Process | (3)<br>Subarea | (4)<br>Coord. |        | (5)<br>GF**                         | (6)<br>Part. |       | (7)<br>SO <sub>x</sub> |       | (8)<br>CO |       | (9)<br>HC |       | (10)<br>NO <sub>x</sub> |       | (11)<br>Emp.* |
|                       |                       |                |                | X             | Y      |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.     | Emis. | Cont.                   | Emis. |               |
| 32                    | Brick Co.             | 3251           | 12             | 731.4         | 3744.4 | 1.0                                 |              | 3650  |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 10             | 742.4         | 3738.7 | 1.0                                 |              | 2     |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 740.8         | 3740.1 | 1.0                                 |              | 3     |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 743.8         | 3741.1 | 1.0                                 |              | 1     |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Iron Foundry          | 3221           | 15             | 739.3         | 3728.7 | 1.0                                 |              | 175   |                        | 192   |           | 0     |           |       |                         |       |               |
| 32                    | Mineral Wool Co.      | 3296           | 16             | 727.5         | 3714.8 | 1.0                                 |              | 209   |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 16             | 725.6         | 3716.6 | 1.0                                 |              | 1     |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.4         | 3737.2 | 1.0                                 |              | 1     |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 15             | 731.8         | 3726.0 | 1.0                                 |              | 2     |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.5         | 2737.4 | 1.0                                 |              | 2     |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.5         | 3737.4 | 1.0                                 |              | 8     |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Flat Glass Co.        | 3211           | 15             | 739.3         | 3727.8 | 1.0                                 |              | 333   |                        | 195   |           | 0     |           |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 15             | 735.7         | 3725.1 | 1.0                                 |              | 2     |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 17             | 743.5         | 3745.1 | 1.0                                 |              | 1     |                        | 0     |           | 0     |           |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 13             | 741.3         | 3733.3 | 1.0                                 |              | 1     |                        | 0     |           | 0     |           |       |                         |       |               |
| 14                    | Crushed Granite       | 1423           | 12             | 736.7         | 3741.2 | 1.0                                 |              | 150   |                        | 0     |           | 0     |           |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |           |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |           |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |           |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |           |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |           |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |           |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |           |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |           |       |                         |       |               |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |              | 4541  |                        | 387   |           | 0     |           |       |                         |       |               |

\*Employment  
 \*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |            |        |             | Process Emission Forecast (tons/yr) |                     |        |         |                      |               |       |  |  |  |  |
|-----------------------|-----------------------|----------------|----------------|------------|--------|-------------|-------------------------------------|---------------------|--------|---------|----------------------|---------------|-------|--|--|--|--|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |        | (6)<br>GF** | Part. (7)                           | SO <sub>x</sub> (8) | CO (9) | HC (10) | NO <sub>x</sub> (11) | (12)<br>Emp.* |       |  |  |  |  |
|                       |                       |                |                | Cont.      | Emis.  |             | Cont.                               | Emis.               | Cont.  | Emis.   | Cont.                |               | Emis. |  |  |  |  |
| 49                    | Refuge Systems        | 4953           | 14             | 0          | 0      | 1.0         |                                     | 0                   |        | 0       | 1                    |               |       |  |  |  |  |
| 49                    | Refuge Systems        | 4953           | 13             | 743.8      | 3733.1 | 1.0         |                                     | 10                  |        | 1       | 15                   |               |       |  |  |  |  |
| 49                    | Steam Supply          | 4961           | 12             | 740.5      | 3738.6 | 1.0         |                                     | 2372                |        | 588     | 10                   |               |       |  |  |  |  |
| 49                    | Steam Supply          | 4961           | 10             | 742.1      | 3737.3 | 1.0         |                                     | 1155                |        | 882     | 16                   |               |       |  |  |  |  |
|                       | COUNTY TOTAL          |                |                |            |        |             |                                     | 3537                |        | 1471    | 42                   |               |       |  |  |  |  |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| Indust.<br>Proc.Cat. | Source Identification |                |                |            |        | Process Emission Forecast (tons/yr) |           |       |                     |       |        |       |         |       |                      |  |               |
|----------------------|-----------------------|----------------|----------------|------------|--------|-------------------------------------|-----------|-------|---------------------|-------|--------|-------|---------|-------|----------------------|--|---------------|
|                      | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |        | (6)<br>GF**                         | Part. (7) |       | SO <sub>x</sub> (8) |       | CO (9) |       | HC (10) |       | NO <sub>x</sub> (11) |  | (12)<br>Emp.* |
|                      |                       |                |                | Cont.      | Emis.  |                                     | Cont.     | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.   | Emis. |                      |  |               |
| 91<br>(Civil)        | U. S. Prison          | 9100           | 13             | 743.8      | 3733.1 | 1.0                                 |           | 6     |                     | 0     |        | 6     |         |       |                      |  |               |
|                      |                       |                |                |            |        |                                     |           |       |                     |       |        |       |         |       |                      |  |               |
|                      |                       |                |                |            |        |                                     |           |       |                     |       |        |       |         |       |                      |  |               |
|                      |                       |                |                |            |        |                                     |           |       |                     |       |        |       |         |       |                      |  |               |
|                      | COUNTY TOTAL          |                |                |            |        |                                     |           | 6     |                     | 0     |        | 6     |         |       |                      |  |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |            |        | Process Emission Forecast (tons/yr) |           |       |                     |       |        |       |         |       |                      |       |               |
|-----------------------|-----------------------|----------------|----------------|------------|--------|-------------------------------------|-----------|-------|---------------------|-------|--------|-------|---------|-------|----------------------|-------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |        | (6)<br>GF**                         | Part. (7) |       | SO <sub>x</sub> (8) |       | CO (9) |       | HC (10) |       | NO <sub>x</sub> (11) |       | (12)<br>Emp.* |
|                       |                       |                |                | X          | Y      |                                     | Cont.     | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.   | Emis. | Cont.                | Emis. |               |
| 91                    | Armed Forces          | 9100           | 11             | 744.3      | 3737.2 | 1.0                                 |           | 0     |                     | 0     |        | 0     |         |       |                      |       |               |
| 91                    | Armed Forces          | 9100           | 14             | 737.8      | 3732.2 | 1.0                                 |           | 2     |                     | 2     |        | 2     |         |       |                      |       |               |
|                       |                       |                |                |            |        |                                     |           |       |                     |       |        |       |         |       |                      |       |               |
|                       |                       |                |                |            |        |                                     |           |       |                     |       |        |       |         |       |                      |       |               |
|                       |                       |                |                |            |        |                                     |           |       |                     |       |        |       |         |       |                      |       |               |
|                       | COUNTY TOTAL          |                |                |            |        |                                     |           | 2     |                     | 2     |        | 2     |         |       |                      |       |               |

\*Employment  
 \*\*Growth Factor

Table 3.4-2

## Industrial Point and New Source Process Emissions by Process Category

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 3

| (1)<br>Industrial<br>Process Category | Baseline Year<br>Existing Point Sources |                 |      |     |                 |      | Forecast Year - All Sources |       |                 |      |      |                 |      |       | Forecast Year<br>Existing Point Sources |      |      |                 |      |               | Forecast Year - New Sources |                         |       |            |       |            |       |                         |       |       |
|---------------------------------------|-----------------------------------------|-----------------|------|-----|-----------------|------|-----------------------------|-------|-----------------|------|------|-----------------|------|-------|-----------------------------------------|------|------|-----------------|------|---------------|-----------------------------|-------------------------|-------|------------|-------|------------|-------|-------------------------|-------|-------|
|                                       | (2)                                     | (3)             | (4)  | (5) | (6)             | (7)  | (8)                         | (9)   | (10)            | (11) | (12) | (13)            | (14) | (15)  | (16)                                    | (17) | (18) | (19)            | (20) | (21)<br>Part. |                             | (22)<br>SO <sub>x</sub> |       | (23)<br>CO |       | (24)<br>HC |       | (25)<br>NO <sub>x</sub> |       | (26)  |
|                                       | Part.                                   | SO <sub>x</sub> | CO   | HC  | NO <sub>x</sub> | Emp* | GF**                        | Part. | SO <sub>x</sub> | CO   | HC   | NO <sub>x</sub> | Emp* | Part. | SO <sub>x</sub>                         | CO   | HC   | NO <sub>x</sub> | Emp* | Cont.         | Emis.                       | Cont.                   | Emis. | Cont.      | Emis. | Cont.      | Emis. | Cont.                   | Emis. | Emp.* |
| 20                                    | 29                                      | 29              | 0    |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
| 26                                    | 1                                       | 1               | 0    |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
| 28                                    | 2525                                    | 1322            | 2    |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
| 29                                    | 22                                      | 1               | 0    |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
| 14 & 32                               | 4541                                    | 387             | 0    |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
| 33                                    | 5788                                    | 332             | 8319 |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
| 36                                    | 202                                     | 14              | 163  |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
| 49 & 44                               | 3537                                    | 1471            | 42   |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
| 91 (Civilian)                         | 6                                       | 0               | 6    |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
| 91 (Armed)                            | 2                                       | 2               | 2    |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |
| D. COUNTY TOTAL                       | 14726                                   | 3214            | 8532 |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |                             |                         |       |            |       |            |       |                         |       |       |

\* Employment  
 \*\*Growth Factor

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 49                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 28                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 33                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 91 (Armed)                            |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | FAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 26                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 29                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 33                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 49                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | FAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 26                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 49 & 44                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 91 (Civil)                            |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 14  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 49                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 91 (Armed)                            |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 15  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 28                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 29                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 14 & 32                               |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 36                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 17  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 10  
 C. Year 1970  
 D. Allocation Order 3

| Industrial Process Category | Point Source Emissions |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|-----------------------------|------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)                         | (2)<br>No. of Sources  | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                          | 2                      |              | 22           | 10                     | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 22            | 10                      | 0          |            |                         |
| 14 & 32                     | 1                      |              | 2            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2             | 0                       | 0          |            |                         |
| 49                          | 1                      |              | 1155         | 882                    | 16        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1155          | 882                     | 16         |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL            | 4                      |              | 1179         | 892                    | 16        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1179          | 892                     | 16         |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 11  
 C. Year 1970  
 D. Allocation Order 3

| Industrial Process Category | Point Source Emissions |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|-----------------------------|------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)                         | (2)<br>No. of Sources  | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 28                          | 1                      |              | 2727         | 1000                   | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2727          | 1000                    | 0          |            |                         |
| 14 & 32                     | 5                      |              | 15           | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 0             | 0                       | 0          |            |                         |
| 33                          | 3                      |              | 3783         | 30                     | 8319      |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 3783          | 30                      | 8319       |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL            | 10                     |              | 6525         | 1030                   | 8319      |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 6525          | 1030                    | 8319       |            |                         |

\*Employment

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 12  
 C. Year 1970  
 D. Allocation Order 3

| Industrial Process Category | Point Source Emissions |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|-----------------------------|------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)                         | (2)<br>No. of Sources  | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                          | 1                      |              | 5            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 5               | 0                       | 0          |            |                         |
| 26                          | 1                      |              | 1            | 1                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 1               | 1                       | 0          |            |                         |
| 29                          | 2                      |              | 40           | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 40              | 0                       | 0          |            |                         |
| 14 & 32                     | 2                      |              | 3800         | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 3800            | 0                       | 0          |            |                         |
| 33                          | 1                      |              | 5            | 279                    | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 5               | 279                     | 0          |            |                         |
| 49                          | 1                      |              | 2372         | 588                    | 10        |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2372            | 588                     | 10         |            |                         |
| E. SUBAREA TOTAL            | 8                      |              | 6223         | 868                    | 10        |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 6223            | 868                     | 10         |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 13  
 C. Year 1970  
 D. Allocation Order 3

| Industrial Process Category | Point Source Emissions |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|-----------------------------|------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)                         | (2)<br>No. of Sources  | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                          | 1                      |              | 2            | 19                     | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2               | 19                      | 0          |            |                         |
| 26                          | 1                      |              | 0            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 0               | 0                       | 0          |            |                         |
| 14 & 32                     | 1                      |              | 1            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 1               | 0                       | 0          |            |                         |
| 49                          | 1                      |              | 10           | 1                      | 15        |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 10              | 1                       | 15         |            |                         |
| 91 (Civil)                  | 1                      |              | 6            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 6               | 0                       | 0          |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
| E. SUBAREA TOTAL            | 5                      |              | 19           | 20                     | 15        |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 19              | 20                      | 15         |            |                         |

\*Employment

Table 3.4-4  
Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
B. Subarea 14  
C. Year 1970  
D. Allocation Order 5

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Imp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49                                    | 1                        |              | 0            | 0                      | 1         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 0             | 0                       | 1          |            |                         |
| 91 (Armed)                            | 1                        |              | 2            | 2                      | 2         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2             | 2                       | 2          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      | 2                        |              | 2            | 2                      | 3         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2             | 2                       | 3          |            |                         |

Table 3.4-4  
Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
B. Subarea 15  
C. Year 1970  
D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Imp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 28                                    | 1                        |              | 1            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1             | 0                       | 0          |            |                         |
| 29                                    | 2                        |              | 52           | 1                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 52            | 1                       | 0          |            |                         |
| 14 & 32                               | 4                        |              | 512          | 387                    | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 512           | 387                     | 0          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      | 7                        |              | 565          | 388                    | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 565           | 388                     | 0          |            |                         |

\*Employment

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 16  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 14 & 32                               | 2                        |              | 210          | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 210           | 0                       | 0          |            |                         |
| 36                                    | 1                        |              | 202          | 14                     | 163       |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 202           | 14                      | 163        |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      | 3                        |              | 412          | 14                     | 163       |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 412           | 14                      | 163        |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 17  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 14 & 32                               | 1                        |              | 1            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1             | 0                       | 0          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      | 1                        |              | 1            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1             | 0                       | 0          |            |                         |

\*Employment

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification  |                                      |               |       |                 | Process Emission Forecast (tons/yr) |       |                        |       |           |       |            |       |                         |       |                   |  |
|-----------------------|------------------------|--------------------------------------|---------------|-------|-----------------|-------------------------------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|-------|-------------------|--|
|                       | (1)<br><br>(2)<br>Name | (3)<br><br>(4)<br>Process<br>Subarea | (5)<br>Coord. |       | (6)<br><br>GF** | (7)<br>Part.                        |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |       | (12)<br><br>Emp.* |  |
|                       |                        |                                      | X             | Y     |                 | Cont.                               | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. | Cont.                   | Emis. |                   |  |
| 20                    | Coffee Co.             | 2095                                 | 10            | 742.4 | 3737.3          | 1.054                               |       | 1                      |       | 0         |       | 0          |       |                         |       |                   |  |
| 20                    | Food Prep. Co.         | 2099                                 | 10            | 742.3 | 3739.2          | 1.054                               |       | 22                     |       | 11        |       | 0          |       |                         |       |                   |  |
| 20                    | Brewing Co.            | 2082                                 | 13            | 742.7 | 3726.2          | 1.054                               |       | 2                      |       | 19        |       | 0          |       |                         |       |                   |  |
| 20                    | Candle Co.             | 2094                                 | 12            | 738.9 | 3741.9          | 1.054                               |       | 5                      |       | 0         |       | 0          |       |                         |       |                   |  |
|                       | COUNTY TOTAL           |                                      |               |       |                 |                                     |       | 30                     |       | 30        |       | 0          |       |                         |       |                   |  |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |            |       |                         |       |               |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|-------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |        | (6)<br>GF**                         | (7)<br>Part. |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |       | (12)<br>Emp.* |
|                       |                       |                |                |               |        |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. | Cont.                   | Emis. |               |
| 26                    | Paper Bag Co.         | 2643           | 13             | 741.5         | 3736.5 | 1.367                               |              | 0     |                        | 0     |           | 0     |            |       |                         |       |               |
| 26                    | Paper Bag Co.         | 2641           | 12             | 739.4         | 3739.0 | 1.367                               |              | 1     |                        | 1     |           | 0     |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |              | 1     |                        | 1     |           | 0     |            |       |                         |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| Indust.<br>Proc.Cat. | Source Identification |                |                |             |          | Process Emission Forecast (tons/yr) |                |              |                          |              |             |              |             |               |                          |               |               |
|----------------------|-----------------------|----------------|----------------|-------------|----------|-------------------------------------|----------------|--------------|--------------------------|--------------|-------------|--------------|-------------|---------------|--------------------------|---------------|---------------|
|                      | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord.<br>X | (5)<br>Y | (6)<br>GF**                         | Part.<br>Cont. | (7)<br>Emis. | SO <sub>x</sub><br>Cont. | (8)<br>Emis. | CO<br>Cont. | (9)<br>Emis. | HC<br>Cont. | (10)<br>Emis. | NO <sub>x</sub><br>Cont. | (11)<br>Emis. | (12)<br>Emp.* |
| 28                   | Inorganic             |                |                |             |          |                                     |                |              |                          |              |             |              |             |               |                          |               |               |
|                      | Pigment Co.           | 2816           | 11             | 740.5       | 3741.5   | 1.291                               |                | 3264         |                          | 1291         |             | 0            |             |               |                          |               |               |
| 28                   | Paint Co.             | 2851           | 15             | 738.7       | 3728.9   | 1.291                               |                | 1            |                          | 0            |             | 0            |             |               |                          |               |               |
|                      |                       |                |                |             |          |                                     |                |              |                          |              |             |              |             |               |                          |               |               |
|                      | COUNTY TOTAL          |                |                |             |          |                                     |                | 3269         |                          | 1291         |             | 0            |             |               |                          |               |               |

\*Employment

\*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |            |       |                         |  |               |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|--|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |        | (6)<br>GF**                         | (7)<br>Part. |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |  | (12)<br>Emp.* |
|                       |                       |                |                | X             | Y      |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. |                         |  |               |
| 29                    | Paving Co.            | 2951           | 12             | 740.8         | 3739.1 | 1.592                               |              | 48    |                        | 0     |           | 0     |            |       |                         |  |               |
| 29                    | Paving Co.            | 2951           | 12             | 734.6         | 3740.8 | 1.592                               |              | 3     |                        | 0     |           | 0     |            |       |                         |  |               |
| 29                    | Paving Co.            | 2951           | 15             | 738.0         | 3728.0 | 1.592                               |              | 3     |                        | 0     |           | 0     |            |       |                         |  |               |
| 29                    | Paving Co.            | 2951           | 15             | 735.7         | 3726.7 | 1.592                               |              | 76    |                        | 2     |           | 0     |            |       |                         |  |               |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |              | 130   |                        | 2     |           | 0     |            |       |                         |  |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |            |       |                         |       |               |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|-------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |        | (6)<br>GF**                         | (7)<br>Part. |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |       | (12)<br>Emp.* |
|                       |                       |                |                |               |        |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. | Cont.                   | Emis. |               |
| 33                    | Steel Works Co.       | 3312           | 11             | 741.9         | 3742.1 | 1.124                               |              | 3874  |                        | 32    |           | 3440  |            |       |                         |       |               |
| 33                    | Iron Foundry          | 3321           | 11             | 744.9         | 3738.6 | 1.124                               |              | 40    |                        | 1     |           | 2473  |            |       |                         |       |               |
| 33                    | Steel Works Co.       | 3312           | 11             | 741.0         | 3741.9 | 1.124                               |              | 339   |                        | 0     |           | 3440  |            |       |                         |       |               |
| 33                    | Sec. Smelt. Co.       | 3341           | 12             | 739.2         | 3740.5 | 1.124                               |              | 5     |                        | 252   |           | 0     |            |       |                         |       |               |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |              | 4258  |                        | 285   |           | 9353  |            |       |                         |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| Indust.<br>Proc.Cat. | Source Identification |                |                |             |          | Process Emission Forecast (tons/yr) |           |     |                     |    |        |     |         |  |                      |  |               |
|----------------------|-----------------------|----------------|----------------|-------------|----------|-------------------------------------|-----------|-----|---------------------|----|--------|-----|---------|--|----------------------|--|---------------|
|                      | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord.<br>X | (5)<br>Y | (6)<br>GF**                         | Part. (7) |     | SO <sub>x</sub> (8) |    | CO (9) |     | HC (10) |  | NO <sub>x</sub> (11) |  | (12)<br>Emp.* |
| 36                   | Electric              |                |                |             |          |                                     |           |     |                     |    |        |     |         |  |                      |  |               |
|                      | Machinery Co.         | 3696           | 16             | 727.5       | 3714.8   | 1.362                               |           | 202 |                     | 14 |        | 163 |         |  |                      |  |               |
|                      |                       |                |                |             |          |                                     |           |     |                     |    |        |     |         |  |                      |  |               |
|                      |                       |                |                |             |          |                                     |           |     |                     |    |        |     |         |  |                      |  |               |
|                      | COUNTY TOTAL          |                |                |             |          |                                     |           | 202 |                     | 14 |        | 163 |         |  |                      |  |               |

\*Employment

\*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |            |       |                         |       |               |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|-------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |        | (6)<br>GF**                         | (7)<br>Part. |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |       | (12)<br>Emp.* |
|                       |                       |                |                | X             | Y      |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. | Cont.                   | Emis. |               |
| 32                    | Brick Co.             | 3251           | 12             | 731.4         | 3744.4 | 1.289                               |              | 3774  |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 10             | 742.4         | 3738.7 | 1.289                               |              | 3     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 740.8         | 3740.1 | 1.289                               |              | 4     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 743.8         | 3741.1 | 1.289                               |              | 1     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Glass Ctr. Co.        | 3221           | 15             | 739.3         | 3726.7 | 1.289                               |              | 217   |                        | 237   |           | 0     |            |       |                         |       |               |
| 32                    | Mineral Wool Co.      | 3296           | 16             | 727.5         | 3714.8 | 1.289                               |              | 153   |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 16             | 725.6         | 3716.6 | 1.289                               |              | 1     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.4         | 3739.2 | 1.289                               |              | 1     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 15             | 731.8         | 3726.0 | 1.289                               |              | 3     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.5         | 3737.4 | 1.289                               |              | 3     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.5         | 3737.4 | 1.289                               |              | 10    |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Flat Glass Co.        | 3211           | 15             | 739.3         | 3727.8 | 1.289                               |              | 409   |                        | 240   |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 15             | 735.7         | 3725.1 | 1.289                               |              | 3     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 17             | 743.5         | 3745.1 | 1.289                               |              | 1     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 13             | 741.3         | 3733.3 | 1.289                               |              | 1     |                        | 0     |           | 0     |            |       |                         |       |               |
| 14                    | Crushed Granite       | 1423           | 12             | 736.9         | 3741.2 | 1.289                               |              | 153   |                        | 0     |           | 0     |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |              | 4737  |                        | 477   |           | 0     |            |       |                         |       |               |

\*Employment  
 \*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |            |        | Process Emission Forecast (tons/yr) |           |       |                     |       |        |       |         |       |                      |       |               |
|-----------------------|-----------------------|----------------|----------------|------------|--------|-------------------------------------|-----------|-------|---------------------|-------|--------|-------|---------|-------|----------------------|-------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |        | (6)<br>GF**                         | Part. (7) |       | SO <sub>x</sub> (8) |       | CO (9) |       | HC (10) |       | NO <sub>x</sub> (11) |       | (12)<br>Emp.* |
|                       |                       |                |                | X          | Y      |                                     | Cont.     | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.   | Emis. | Cont.                | Emis. |               |
| 49                    | Refuse Systems        | 4953           | 14             |            |        | 1.204                               |           | 0     |                     | 0     |        | 1     |         |       |                      |       |               |
| 49                    | Refuse Systems        | 4953           | 13             | 743.8      | 3733.1 | 1.204                               |           | 12    |                     | 1     |        | 18    |         |       |                      |       |               |
| 49                    | Steam Supply          | 4961           | 12             | 740.5      | 3738.6 | 1.204                               |           | 2289  |                     | 568   |        | 10    |         |       |                      |       |               |
| 49                    | Steam Supply          | 4961           | 10             | 742.1      | 3737.3 | 1.204                               |           | 1390  |                     | 1062  |        | 19    |         |       |                      |       |               |
|                       | COUNTY TOTAL          |                |                |            |        |                                     |           | 3691  |                     | 1631  |        | 48    |         |       |                      |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |            |        | Process Emission Forecast (tons/yr) |           |       |                     |       |        |       |         |       |                      |       |               |
|-----------------------|-----------------------|----------------|----------------|------------|--------|-------------------------------------|-----------|-------|---------------------|-------|--------|-------|---------|-------|----------------------|-------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |        | (6)<br>GF**                         | Part. (7) |       | SO <sub>x</sub> (8) |       | CO (9) |       | HC (10) |       | NO <sub>x</sub> (11) |       | (12)<br>Emp.* |
|                       |                       |                |                | X          | Y      |                                     | Cont.     | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.   | Emis. | Cont.                | Emis. |               |
| 91<br>(Civil)         | U.S. Prison           | 9100           | 13             | 743.8      | 3733.1 | 1.269                               |           | 8     |                     | 0     |        | 8     |         |       |                      |       |               |
|                       |                       |                |                |            |        |                                     |           |       |                     |       |        |       |         |       |                      |       |               |
|                       |                       |                |                |            |        |                                     |           |       |                     |       |        |       |         |       |                      |       |               |
|                       |                       |                |                |            |        |                                     |           |       |                     |       |        |       |         |       |                      |       |               |
|                       | COUNTY TOTAL          |                |                |            |        |                                     |           | 8     |                     | 0     |        | 8     |         |       |                      |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |            |        | Process Emission Forecast (tons/yr) |           |       |                     |       |        |       |         |       |                      |       |               |
|-----------------------|-----------------------|----------------|----------------|------------|--------|-------------------------------------|-----------|-------|---------------------|-------|--------|-------|---------|-------|----------------------|-------|---------------|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |        | (6)<br>GF**                         | Part. (7) |       | SO <sub>x</sub> (8) |       | CO (9) |       | HC (10) |       | NO <sub>x</sub> (11) |       | (12)<br>Emp.* |
|                       |                       |                |                | X          | Y      |                                     | Cont.     | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.   | Emis. | Cont.                | Emis. |               |
| 91                    | Armed Forces          | 9100           | 11             | 744.3      | 3737.2 | 1.0                                 |           | 0     |                     | 0     |        | 0     |         |       |                      |       |               |
| 91                    | Armed Forces          | 9100           | 14             | 737.8      | 3732.2 | 1.0                                 |           | 2     |                     | 2     |        | 2     |         |       |                      |       |               |
|                       |                       |                |                |            |        |                                     |           |       |                     |       |        |       |         |       |                      |       |               |
|                       |                       |                |                |            |        |                                     |           |       |                     |       |        |       |         |       |                      |       |               |
|                       | COUNTY TOTAL          |                |                |            |        |                                     |           | 2     |                     | 2     |        | 2     |         |       |                      |       |               |

\*Employment

\*\*Growth Factor

Table 3.4-2

## Industrial Point and New Source Process Emissions by Process Category

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| (1)<br>Industrial<br>Process Category | Baseline Year<br>Existing Point Sources |                 |      |     |                 |      | Forecast Year - All Sources |       |                 |      |      |                 |      |       | Forecast Year<br>Existing Point Sources |      |      |                 |      |               |       |                         | Forecast Year - New Sources |            |       |            |       |                         |       |        |  |  |
|---------------------------------------|-----------------------------------------|-----------------|------|-----|-----------------|------|-----------------------------|-------|-----------------|------|------|-----------------|------|-------|-----------------------------------------|------|------|-----------------|------|---------------|-------|-------------------------|-----------------------------|------------|-------|------------|-------|-------------------------|-------|--------|--|--|
|                                       | (2)                                     | (3)             | (4)  | (5) | (6)             | (7)  | (8)                         | (9)   | (10)            | (11) | (12) | (13)            | (14) | (15)  | (16)                                    | (17) | (18) | (19)            | (20) | (21)<br>Part. |       | (22)<br>SO <sub>x</sub> |                             | (23)<br>CO |       | (24)<br>HC |       | (25)<br>NO <sub>x</sub> |       | (26)   |  |  |
|                                       | Part.                                   | SO <sub>x</sub> | CO   | HC  | NO <sub>x</sub> | Emp* | GF**                        | Part. | SO <sub>x</sub> | CO   | HC   | NO <sub>x</sub> | Emp* | Part. | SO <sub>x</sub>                         | CO   | HC   | NO <sub>x</sub> | Emp* | Cont.         | Emis. | Cont.                   | Emis.                       | Cont.      | Emis. | Cont.      | Emis. | Cont.                   | Emis. | Emp. * |  |  |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |       |                         |                             |            |       |            |       |                         |       |        |  |  |
| 20                                    | 29                                      | 29              | 0    |     |                 |      | 1.054                       | 31    | 31              | 0    |      |                 |      | 30    | 30                                      | 0    |      |                 |      |               | 1     |                         | 1                           |            | 0     |            |       |                         |       |        |  |  |
| 26                                    | 1                                       | 1               | 0    |     |                 |      | 1.367                       | 1     | 1               | 0    |      |                 |      | 1     | 1                                       | 0    |      |                 |      |               | 0     |                         | 0                           |            | 0     |            |       |                         |       |        |  |  |
| 28                                    | 2528                                    | 1000            | 0    |     |                 |      | 1.291                       | 3265  | 1291            | 0    |      |                 |      | 3265  | 1291                                    | 0    |      |                 |      |               | 0     |                         | 0                           |            | 0     |            |       |                         |       |        |  |  |
| 29                                    | 92                                      | 1               | 0    |     |                 |      | 1.592                       | 146   | 2               | 0    |      |                 |      | 130   | 2                                       | 0    |      |                 |      |               | 16    |                         | 0                           |            | 0     |            |       |                         |       |        |  |  |
| 14 & 32                               | 4541                                    | 387             | 0    |     |                 |      | 1.289                       | 5854  | 499             | 0    |      |                 |      | 4737  | 477                                     | 0    |      |                 |      |               | 1117  |                         | 22                          |            | 0     |            |       |                         |       |        |  |  |
| 33                                    | 3788                                    | 309             | 8319 |     |                 |      | 1.124                       | 4529  | 347             | 9353 |      |                 |      | 4258  | 285                                     | 9353 |      |                 |      |               | 271   |                         | 62                          |            | 0     |            |       |                         |       |        |  |  |
| 36                                    | 202                                     | 14              | 163  |     |                 |      | 1.362                       | 275   | 19              | 222  |      |                 |      | 202   | 14                                      | 163  |      |                 |      |               | 73    |                         | 5                           |            | 59    |            |       |                         |       |        |  |  |
| 49                                    | 3537                                    | 1471            | 42   |     |                 |      | 1.204                       | 4257  | 1771            | 51   |      |                 |      | 3691  | 1631                                    | 48   |      |                 |      |               | 566   |                         | 140                         |            | 3     |            |       |                         |       |        |  |  |
| 91 (Civilian)                         | 6                                       | 0               | 6    |     |                 |      | 1.269                       | 8     | 0               | 8    |      |                 |      | 8     | 0                                       | 8    |      |                 |      |               | 0     |                         | 0                           |            | 0     |            |       |                         |       |        |  |  |
| 91 (Armed)                            | 2                                       | 2               | 2    |     |                 |      | 0.810                       | 2     | 2               | 2    |      |                 |      | 2     | 2                                       | 2    |      |                 |      |               | 0     |                         | 0                           |            | 0     |            |       |                         |       |        |  |  |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |       |                         |                             |            |       |            |       |                         |       |        |  |  |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |       |                         |                             |            |       |            |       |                         |       |        |  |  |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |       |                         |                             |            |       |            |       |                         |       |        |  |  |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |      |      |                 |      |       |                                         |      |      |                 |      |               |       |                         |                             |            |       |            |       |                         |       |        |  |  |
| D. COUNTY TOTAL                       | 14726                                   | 3214            | 8532 |     |                 |      |                             | 8558  | 3963            | 9636 |      |                 |      | 16324 | 3733                                    | 9574 |      |                 |      |               | 2044  |                         | 230                         |            | 62    |            |       |                         |       |        |  |  |

\* Employment

\*\*Growth Factor

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 49                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 28                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 33                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 91 (Armed)                            |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                                |                              |             | 1                              | 0                      | 0         |           |                         |
| 26                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 29                                    |                      |                                |                              |             | 12                             | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                                |                              |             | 971                            | 0                      | 0         |           |                         |
| 33                                    |                      |                                |                              |             | 1                              | 62                     | 0         |           |                         |
| 49                                    |                      |                                |                              |             | 566                            | 140                    | 2         |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 1551                           | 202                    | 2         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-5

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                       |                       |             | 0                              | 1                      | 0         |           |                         |
| 26                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 49 & 44                               |                      |                       |                       |             | 0                              | 0                      | 1         |           |                         |
| 91 (Civil)                            |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 0                              | 1                      | 1         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 14  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 49                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 91 (Armed)                            |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 15  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 28                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 29                                    |                      |                       |                       |             | 4                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 29                             | 22                     | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 33                             | 22                     | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 17  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 14 & 32                               |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 14 & 32                               |                      |                       |                       |             | 117                            | 0                      | 0         |           |                         |
| 36                                    |                      |                       |                       |             | 73                             | 5                      | 59        |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 190                            | 5                      | 59        |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 10  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                                    | 2                        |              | 23           | 11                     | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 23            | 11                      | 0          |            |                         |
| 14 & 32                               | 1                        |              | 3            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 3             | 0                       | 0          |            |                         |
| 49 & 44                               | 1                        |              | 1390         | 1062                   | 19        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1390          | 1062                    | 19         |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 1416         | 1073                   | 19        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1416          | 1073                    | 19         |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 11  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 28                                    | 1                        |              | 3264         | 1291                   | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 3264          | 1291                    | 0          |            |                         |
| 14 & 32                               | 5                        |              | 19           | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 19            | 0                       | 0          |            |                         |
| 33                                    | 3                        |              | 4253         | 33                     | 9353      |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 4253          | 33                      | 9353       |            |                         |
| 91 (Armed)                            | 1                        |              | 0            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 0             | 0                       | 0          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 7536         | 1324                   | 9353      |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 7536          | 1324                    | 9353       |            |                         |

\*Employment

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 12  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                                    | 1                        |              | 5            | 0                      | 0         |           |                        |                      | 1             | 0                       | 0          |            |                         |                 | 6             | 0                       | 0          |            |                         |
| 26                                    | 1                        |              | 1            | 1                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1             | 1                       | 0          |            |                         |
| 29                                    | 2                        |              | 51           | 0                      | 0         |           |                        |                      | 12            | 0                       | 0          |            |                         |                 | 63            | 0                       | 0          |            |                         |
| 14 & 32                               | 2                        |              | 3927         | 0                      | 0         |           |                        |                      | 971           | 0                       | 0          |            |                         |                 | 4898          | 0                       | 0          |            |                         |
| 33                                    | 1                        |              | 5            | 252                    | 0         |           |                        |                      | 1             | 62                      | 0          |            |                         |                 | 6             | 314                     | 0          |            |                         |
| 49 & 44                               | 1                        |              | 2289         | 568                    | 10        |           |                        |                      | 566           | 140                     | 2          |            |                         |                 | 2855          | 708                     | 12         |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 6278         | 821                    | 10        |           |                        |                      | 1551          | 202                     | 2          |            |                         |                 | 7829          | 1023                    | 12         |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 13  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                                    | 1                        |              | 2            | 19                     | 0         |           |                        |                      | 0             | 1                       | 0          |            |                         |                 | 2             | 20                      | 0          |            |                         |
| 26                                    | 1                        |              | 0            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 0             | 0                       | 0          |            |                         |
| 14 & 32                               | 1                        |              | 1            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1             | 0                       | 0          |            |                         |
| 49 & 44                               | 1                        |              | 12           | 1                      | 18        |           |                        |                      | 0             | 0                       | 1          |            |                         |                 | 12            | 1                       | 19         |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 23           | 20                     | 26        |           |                        |                      | 0             | 1                       | 1          |            |                         |                 | 23            | 21                      | 27         |            |                         |

\*Employment

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 14  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49 & 44                               | 1                        |              | 0            | 0                      | 1         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 0             | 0                       | 1          |            |                         |
| 91 (Armed)                            | 1                        |              | 2            | 2                      | 2         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2             | 2                       | 2          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 2            | 2                      | 3         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2             | 2                       | 3          |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 15  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 28                                    | 1                        |              | 1            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1             | 0                       | 0          |            |                         |
| 29                                    | 2                        |              | 79           | 2                      | 0         |           |                        |                      | 4             | 0                       | 0          |            |                         |                 | 83            | 2                       | 0          |            |                         |
| 14 & 32                               | 4                        |              | 632          | 477                    | 0         |           |                        |                      | 29            | 22                      | 0          |            |                         |                 | 661           | 499                     | 0          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 712          | 479                    | 0         |           |                        |                      | 33            | 22                      | 0          |            |                         |                 | 745           | 501                     | 0          |            |                         |

\*Employment

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 16  
 C. Year 1975  
 D. Allocation Order 3

| Industrial Process Category | Point Source Emissions |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|-----------------------------|------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)                         | (2)<br>No. of Sources  | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 14 & 32                     | 2                      |              | 154          | 0                      | 0         |           |                        |                      | 117           | 0                       | 0          |            |                         |                 | 271           | 0                       | 0          |            |                         |
| 36                          | 1                      |              | 202          | 14                     | 163       |           |                        |                      | 73            | 5                       | 59         |            |                         |                 | 275           | 19                      | 222        |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL            |                        |              | 356          | 14                     | 163       |           |                        |                      | 190           | 5                       | 59         |            |                         |                 | 546           | 19                      | 222        |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 17  
 C. Year 1975  
 D. Allocation Order 3

| Industrial Process Category | Point Source Emissions |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|-----------------------------|------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)                         | (2)<br>No. of Sources  | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 14 & 32                     | 1                      |              | 1            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1             | 0                       | 0          |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL            |                        |              | 1            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1             | 0                       | 0          |            |                         |

\*Employment

Table 3.4-5

## Industrial Point Source Fuel Use

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |               |   | Fuel Demand and Fuel Use Forecast |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|---------------|---|-----------------------------------|-------------|--------------|-------------|-------------|-------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | (5)<br>Coord. |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>\$S | (11)<br>\$A | (12)<br>R OIL | (13)<br>\$S | (14)<br>D OIL | (15)<br>\$S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X             | Y |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
| 32                              | Mineral Wool Co.      | 3296         | 16             |               |   | 1.289                             | 1380        |              |             |             |             |               |             |               |             | 1315       |               |             |              |              |                |              |             |
| 32                              | Mineral Wool Co.      | 3296         | 16             |               |   | 1.289                             | 516         |              |             |             |             |               |             |               |             | 1315       |               |             |              |              |                |              |             |
|                                 |                       |              |                |               |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |               |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |               |   | 1.289                             | 1896        |              |             |             |             |               |             |               |             | 2630       |               |             |              |              |                |              |             |

Table 3.4-5

## Industrial Point Source Fuel Use

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |               |   | Fuel Demand and Fuel Use Forecast |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|---------------|---|-----------------------------------|-------------|--------------|-------------|-------------|-------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | (5)<br>Coord. |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>\$S | (11)<br>\$A | (12)<br>R OIL | (13)<br>\$S | (14)<br>D OIL | (15)<br>\$S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X             | Y |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
| 33                              | Steel Works           | 3312         | 11             |               |   | 1.124                             | 61          |              |             |             |             | 405           | 1           |               |             |            |               |             |              |              |                |              |             |
| 33                              | Steel Works           | 3312         | 11             |               |   | 1.124                             | 483         |              |             |             |             |               |             |               |             | 483        |               |             |              |              |                |              |             |
|                                 |                       |              |                |               |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |               |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |               |   |                                   | 544         |              |             |             |             | 405           | 1           |               |             | 483        |               |             |              |              |                |              |             |

Table 3.4-5

## Industrial Point Source Fuel Use

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |               |   | Fuel Demand and Fuel Use Forecast |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|---------------|---|-----------------------------------|-------------|--------------|-------------|-------------|-------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | (5)<br>Coord. |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>\$S | (11)<br>\$A | (12)<br>R OIL | (13)<br>\$S | (14)<br>D OIL | (15)<br>\$S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X             | Y |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
| 49                              | Steam Supply          | 4961         | 12             |               |   | 1.204                             | 5497        |              | 23906       | 1.48        | 12          |               |             |               |             |            |               |             |              |              |                |              |             |
| 49                              | Steam Supply          | 4961         | 10             |               |   | 1.204                             | 8857        |              | 35524       | 1.50        | 8.2         |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |               |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |               |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |               |   | 1.204                             | 14354       |              | 59430       |             |             |               |             |               |             |            |               |             |              |              |                |              |             |

\*Employment  
 \*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |             |                |                |               | Process Emission Forecast (tons/yr) |             |              |       |                        |       |           |       |            |       |                         |       |               |
|-----------------------|-----------------------|-------------|----------------|----------------|---------------|-------------------------------------|-------------|--------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|-------|---------------|
|                       | (1)<br>               | (2)<br>Name | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |                                     | (6)<br>GF** | (7)<br>Part. |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |       | (12)<br>Emp.* |
|                       |                       |             |                |                | X             | Y                                   |             | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. | Cont.                   | Emis. |               |
| 20                    | Coffee Co.            | 2095        | 10             | 742.4          | 3737.3        | 1.188                               |             | 1            |       | 0                      |       | 0         |       |            |       |                         |       |               |
| 20                    | Food Prep. Co.        | 2099        | 10             | 742.3          | 3739.2        | 1.188                               |             | 25           |       | 12                     |       | 0         |       |            |       |                         |       |               |
| 20                    | Brewing Co.           | 2082        | 13             | 742.7          | 3726.2        | 1.188                               |             | 2            |       | 22                     |       | 0         |       |            |       |                         |       |               |
| 20                    | Candle Co.            | 2094        | 12             | 738.9          | 3741.9        | 1.188                               |             | 5            |       | 0                      |       | 0         |       |            |       |                         |       |               |
|                       | COUNTY TOTAL          |             |                |                |               |                                     |             | 33           |       | 34                     |       | 0         |       |            |       |                         |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification  |                           |                           |                   |        | Process Emission Forecast (tons/yr) |                  |       |                            |       |               |       |                |       |                             |       |                   |
|-----------------------|------------------------|---------------------------|---------------------------|-------------------|--------|-------------------------------------|------------------|-------|----------------------------|-------|---------------|-------|----------------|-------|-----------------------------|-------|-------------------|
|                       | (1)<br><br>(2)<br>Name | (3)<br><br>(3)<br>Process | (4)<br><br>(4)<br>Subarea | (5)<br><br>Coord. |        | (6)<br><br>GF**                     | (7)<br><br>Part. |       | (8)<br><br>SO <sub>x</sub> |       | (9)<br><br>CO |       | (10)<br><br>HC |       | (11)<br><br>NO <sub>x</sub> |       | (12)<br><br>Emp.* |
|                       |                        |                           |                           |                   |        |                                     | Cont.            | Emis. | Cont.                      | Emis. | Cont.         | Emis. | Cont.          | Emis. | Cont.                       | Emis. |                   |
| 26                    | Paper Bag Co.          | 2643                      | 13                        | 741.5             | 3736.5 | 1.709                               |                  | 0     |                            | 0     |               | 0     |                |       |                             |       |                   |
| 26                    | Paper Coating Co       | 2641                      | 12                        | 739.4             | 3739.0 | 1.709                               |                  | 2     |                            | 2     |               | 0     |                |       |                             |       |                   |
|                       |                        |                           |                           |                   |        |                                     |                  |       |                            |       |               |       |                |       |                             |       |                   |
|                       |                        |                           |                           |                   |        |                                     |                  |       |                            |       |               |       |                |       |                             |       |                   |
|                       | COUNTY TOTAL           |                           |                           |                   |        |                                     |                  | 2     |                            | 2     |               | 0     |                |       |                             |       |                   |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 3

| Indust.<br>Proc.Cat. | Source Identification |                |                |             |          | Process Emission Forecast (tons/yr) |                |              |                          |              |             |              |             |               |                          |               |               |
|----------------------|-----------------------|----------------|----------------|-------------|----------|-------------------------------------|----------------|--------------|--------------------------|--------------|-------------|--------------|-------------|---------------|--------------------------|---------------|---------------|
| (1)                  | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord.<br>X | (5)<br>Y | (6)<br>GF**                         | Part.<br>Cont. | (7)<br>Emis. | SO <sub>x</sub><br>Cont. | (8)<br>Emis. | CO<br>Cont. | (9)<br>Emis. | HC<br>Cont. | (10)<br>Emis. | NO <sub>x</sub><br>Cont. | (11)<br>Emis. | (12)<br>Emp.* |
| 28                   | Irorganic             |                |                |             |          |                                     |                |              |                          |              |             |              |             |               |                          |               |               |
|                      | Pigment Co.           | 2816           | 11             | 740.5       | 3741.5   | 1.654                               |                | 4180         |                          | 1654         |             | 0            |             |               |                          |               |               |
| 28                   | Paint Co.             | 2851           | 15             | 738.7       | 3728.9   | 1.654                               |                | 2            |                          | 0            |             | 0            |             |               |                          |               |               |
|                      |                       |                |                |             |          |                                     |                |              |                          |              |             |              |             |               |                          |               |               |
|                      | COUNTY TOTAL          |                |                |             |          |                                     |                | 4182         |                          | 1654         |             | 0            |             |               |                          |               |               |

\*Employment

\*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |              |                |                |                   | Process Emission Forecast (tons/yr) |                    |       |                              |       |                 |       |                  |       |                               |       |               |
|-----------------------|-----------------------|--------------|----------------|----------------|-------------------|-------------------------------------|--------------------|-------|------------------------------|-------|-----------------|-------|------------------|-------|-------------------------------|-------|---------------|
|                       | (1)                   | (2)<br>Name  | (3)<br>Process | (4)<br>Subarea | Coord. (5)<br>X Y | (6)<br>GF**                         | Part. (7)<br>Cont. | Emis. | SO <sub>x</sub> (8)<br>Cont. | Emis. | CO (9)<br>Cont. | Emis. | HC (10)<br>Cont. | Emis. | NO <sub>x</sub> (11)<br>Cont. | Emis. | (12)<br>Emp.* |
|                       | 29                    | Paving Co.   | 2951           | 12             | 740.8 3739.1      | 1.989                               |                    | 61    |                              | 0     |                 | 0     |                  |       |                               |       |               |
|                       | 29                    | Paving Co.   | 2951           | 12             | 734.6 3740.8      | 1.989                               |                    | 3     |                              | 0     |                 | 0     |                  |       |                               |       |               |
|                       | 29                    | Paving Co.   | 2951           | 15             | 738.0 3724.7      | 1.989                               |                    | 4     |                              | 0     |                 | 0     |                  |       |                               |       |               |
|                       | 29                    | Paving Co.   | 2951           | 15             | 735.7             | 1.989                               |                    | 94    |                              | 2     |                 | 0     |                  |       |                               |       |               |
|                       |                       | COUNTY TOTAL |                |                |                   |                                     |                    | 162   |                              | 2     |                 | 0     |                  |       |                               |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                 |                |                |                   | Process Emission Forecast (tons/yr) |                    |       |                              |       |                 |       |                  |       |                               |       |               |
|-----------------------|-----------------------|-----------------|----------------|----------------|-------------------|-------------------------------------|--------------------|-------|------------------------------|-------|-----------------|-------|------------------|-------|-------------------------------|-------|---------------|
|                       | (1)                   | (2)<br>Name     | (3)<br>Process | (4)<br>Subarea | Coord. (5)<br>X Y | (6)<br>GF**                         | Part. (7)<br>Cont. | Emis. | SO <sub>x</sub> (8)<br>Cont. | Emis. | CO (9)<br>Cont. | Emis. | HC (10)<br>Cont. | Emis. | NO <sub>x</sub> (11)<br>Cont. | Emis. | (12)<br>Emp.* |
|                       | 33                    | Steel Works Co. | 3312           | 11             | 741.9 3742.1      | 1.348                               |                    | 4645  |                              | 39    |                 | 4125  |                  |       |                               |       |               |
|                       | 33                    | Iron Foundry    | 3321           | 11             | 744.9 3738.6      | 1.348                               |                    | 49    |                              | 1     |                 | 2966  |                  |       |                               |       |               |
|                       | 33                    | Steel Works Co. | 3312           | 11             | 741.0 3741.9      | 1.348                               |                    | 406   |                              | 0     |                 | 4125  |                  |       |                               |       |               |
|                       | 33                    | Sec. Smelt. Co. | 3341           | 12             | 739.2 3740.5      | 1.348                               |                    | 6     |                              | 302   |                 | 0     |                  |       |                               |       |               |
|                       |                       | COUNTY TOTAL    |                |                |                   |                                     |                    | 5106  |                              | 342   |                 | 11216 |                  |       |                               |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |               |                |                |                   | Process Emission Forecast (tons/yr) |                    |       |                              |       |                 |       |                  |       |                               |       |               |
|-----------------------|-----------------------|---------------|----------------|----------------|-------------------|-------------------------------------|--------------------|-------|------------------------------|-------|-----------------|-------|------------------|-------|-------------------------------|-------|---------------|
|                       | (1)                   | (2)<br>Name   | (3)<br>Process | (4)<br>Subarea | Coord. (5)<br>X Y | (6)<br>GF**                         | Part. (7)<br>Cont. | Emis. | SO <sub>x</sub> (8)<br>Cont. | Emis. | CO (9)<br>Cont. | Emis. | HC (10)<br>Cont. | Emis. | NO <sub>x</sub> (11)<br>Cont. | Emis. | (12)<br>Emp.* |
|                       | 36                    | Electric      |                |                |                   |                                     |                    |       |                              |       |                 |       |                  |       |                               |       |               |
|                       |                       | Machinery Co. | 3696           | 16             | 727.5 3714.8      | 1.826                               |                    | 211   |                              | 15    |                 | 170   |                  |       |                               |       |               |
|                       |                       |               |                |                |                   |                                     |                    |       |                              |       |                 |       |                  |       |                               |       |               |
|                       |                       |               |                |                |                   |                                     |                    |       |                              |       |                 |       |                  |       |                               |       |               |
|                       |                       | COUNTY TOTAL  |                |                |                   |                                     |                    | 211   |                              | 15    |                 | 170   |                  |       |                               |       |               |

\*Employment

\*\*Growth Factor

### Point Source Industrial Process Emissions

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |            |       |                         |       |               |  |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|-------|---------------|--|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |        | (6)<br>GF**                         | (7)<br>Part. |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |       | (12)<br>Emp.* |  |
|                       |                       |                |                | X             | Y      |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. | Cont.                   | Emis. |               |  |
| 32                    | Brick Co.             | 3251           | 12             | 731.4         | 3744.4 | 1.630                               |              | 4776  |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Redi-Mix Concrete     | 3273           | 10             | 742.4         | 3738.7 | 1.630                               |              | 3     |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 740.8         | 3740.1 | 1.630                               |              | 5     |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 743.8         | 3741.1 | 1.630                               |              | 2     |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Glass Ctr. Co.        | 3221           | 15             | 739.3         | 3728.7 | 1.630                               |              | 272   |                        | 299   |           | 0     |            |       |                         |       |               |  |
| 32                    | Mineral Wool Co.      | 3296           | 16             | 727.5         | 3714.8 | 1.630                               |              | 209   |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Redi-Mix Concrete     | 3273           | 16             | 725.6         | 3716.6 | 1.630                               |              | 2     |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.4         | 3739.2 | 1.630                               |              | 2     |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Redi-Mix Concrete     | 3273           | 15             | 731.8         | 3726.0 | 1.630                               |              | 3     |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.5         | 3737.4 | 1.630                               |              | 3     |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.5         | 3737.4 | 1.630                               |              | 13    |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Flat Glass Co.        | 3211           | 15             | 739.3         | 3727.8 | 1.630                               |              | 518   |                        | 304   |           | 0     |            |       |                         |       |               |  |
| 32                    | Redi-Mix Concrete     | 3273           | 15             | 735.7         | 3725.1 | 1.630                               |              | 3     |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Redi-Mix Concrete     | 3273           | 17             | 742.5         | 3745.1 | 1.630                               |              | 2     |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 32                    | Redi-Mix Concrete     | 3273           | 13             | 746.3         | 3733.3 | 1.630                               |              | 2     |                        | 0     |           | 0     |            |       |                         |       |               |  |
| 14                    | Crushed Granite       | 1423           | 12             | 736.9         | 3741.2 | 1.630                               |              | 196   |                        | 0     |           | 0     |            |       |                         |       |               |  |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |              | 6011  |                        | 603   |           | 0     |            |       |                         |       |               |  |

\*Employment  
\*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |            |       |                         |       |               |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|-------|---------------|
|                       | (1)<br>Name           | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |        | (6)<br>GF**                         | (7)<br>Part. |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |       | (12)<br>Emp.* |
|                       |                       |                |                | X             | Y      |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. | Cont.                   | Emis. |               |
| 49                    | Refuse Systems        | 4953           | 14             |               |        | 1.483                               |              | 0     |                        | 0     |           | 1     |            |       |                         |       |               |
| 49                    | Refuse Systems        | 4953           | 13             | 743.8         | 3733.1 | 1.483                               |              | 15    |                        | 1     |           | 21    |            |       |                         |       |               |
| 49                    | Steam Supply          | 4961           | 12             | 740.5         | 3738.6 | 1.483                               |              | 2824  |                        | 700   |           | 12    |            |       |                         |       |               |
| 49                    | Steam Supply          | 4961           | 10             | 742.1         | 3737.3 | 1.483                               |              | 1713  |                        | 1308  |           | 24    |            |       |                         |       |               |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |              | 4552  |                        | 2009  |           | 58    |            |       |                         |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |            |       |                         |  |                |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|--|----------------|
|                       | (1)<br>Name           | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |        | (6)<br>GF**                         | (7)<br>Part. |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |  | (12)<br>Emp. * |
|                       |                       |                |                | Cont.         | Emis.  |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. |                         |  |                |
| 91                    | U.S. Prison           | 9100           | 13             | 743.8         | 3733.1 | 1.672                               |              | 10    |                        | 0     |           | 10    |            |       |                         |  |                |
| (Civil)               |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |  |                |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |  |                |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |  |                |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |              | 10    |                        | 0     |           | 10    |            |       |                         |  |                |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 3

| Indust.<br>Proc.Cat. | Source Identification  |                |                |               |       | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |            |       |                         |       |               |  |
|----------------------|------------------------|----------------|----------------|---------------|-------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|-------|---------------|--|
|                      | (1)<br><br>(2)<br>Name | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |       | (6)<br>GF**                         | (7)<br>Part. |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |       | (12)<br>Emp.* |  |
|                      |                        |                |                | X             | Y     |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. | Cont.                   | Emis. |               |  |
|                      | 91                     | Armed Forces   | 9100           | 11            | 744.3 | 3737.2                              | 1.0          |       | 0                      |       | 0         |       | 0          |       |                         |       |               |  |
|                      | 91                     | Armed Forces   | 9100           | 14            | 737.8 | 3732.2                              | 1.0          |       | 2                      |       | 2         |       | 2          |       |                         |       |               |  |
|                      |                        |                |                |               |       |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                      |                        |                |                |               |       |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                      |                        |                |                |               |       |                                     |              |       |                        |       |           |       |            |       |                         |       |               |  |
|                      | COUNTY TOTAL           |                |                |               |       |                                     |              |       | 2                      |       | 2         |       | 2          |       |                         |       |               |  |

\*Employment  
 \*\*Growth Factor

Table 3.4-2

## Industrial Point and New Source Process Emissions by Process Category

A. County Pulton  
 B. Year 1980  
 C. Allocation Order 3

| (1)<br>Industrial<br>Process Category | Baseline Year<br>Existing Point Sources |                 |      |     |                 |      | Forecast Year - All Sources |       |                 |       |      |                 |      | Forecast Year<br>Existing Point Sources |                 |       |      |                 |      | Forecast Year - New Sources |       |                         |       |            |       |            |       |                         |       |       |  |
|---------------------------------------|-----------------------------------------|-----------------|------|-----|-----------------|------|-----------------------------|-------|-----------------|-------|------|-----------------|------|-----------------------------------------|-----------------|-------|------|-----------------|------|-----------------------------|-------|-------------------------|-------|------------|-------|------------|-------|-------------------------|-------|-------|--|
|                                       | (2)                                     | (3)             | (4)  | (5) | (6)             | (7)  | (8)                         | (9)   | (10)            | (11)  | (12) | (13)            | (14) | (15)                                    | (16)            | (17)  | (18) | (19)            | (20) | (21)<br>Part.               |       | (22)<br>SO <sub>x</sub> |       | (23)<br>CO |       | (24)<br>HC |       | (25)<br>NO <sub>x</sub> |       | (26)  |  |
|                                       | Part.                                   | SO <sub>x</sub> | CO   | HC  | NO <sub>x</sub> | Emp* | GF**                        | Part. | SO <sub>x</sub> | CO    | HC   | NO <sub>x</sub> | Emp* | Part.                                   | SO <sub>x</sub> | CO    | HC   | NO <sub>x</sub> | Emp* | Cont.                       | Emis. | Cont.                   | Emis. | Cont.      | Emis. | Cont.      | Emis. | Cont.                   | Emis. | Emp.* |  |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |       |      |                 |      |                                         |                 |       |      |                 |      |                             |       |                         |       |            |       |            |       |                         |       |       |  |
| 20                                    | 29                                      | 29              | 0    |     |                 |      | 1.188                       | 34    | 34              | 0     |      |                 |      | 33                                      | 34              | 0     |      |                 |      |                             | 1     |                         | 0     |            | 0     |            |       |                         |       |       |  |
| 26                                    | 1                                       | 1               | 0    |     |                 |      | 1.709                       | 2     | 2               | 0     |      |                 |      | 2                                       | 2               | 0     |      |                 |      |                             | 0     |                         | 0     |            | 0     |            |       |                         |       |       |  |
| 28                                    | 2528                                    | 1000            | 0    |     |                 |      | 1.654                       | 4182  | 1654            | 0     |      |                 |      | 4182                                    | 1654            | 0     |      |                 |      |                             | 0     |                         | 0     |            | 0     |            |       |                         |       |       |  |
| 29                                    | 92                                      | 1               | 0    |     |                 |      | 1.989                       | 183   | 2               | 0     |      |                 |      | 162                                     | 2               | 0     |      |                 |      |                             | 21    |                         | 0     |            | 0     |            |       |                         |       |       |  |
| 14 & 32                               | 4541                                    | 387             | 0    |     |                 |      | 1.630                       | 7403  | 631             | 0     |      |                 |      | 6011                                    | 603             | 0     |      |                 |      |                             | 1392  |                         | 28    |            | 0     |            |       |                         |       |       |  |
| 33                                    | 3788                                    | 309             | 8319 |     |                 |      | 1.348                       | 5107  | 417             | 11216 |      |                 |      | 5106                                    | 342             | 11216 |      |                 |      |                             | 1     |                         | 75    |            | 0     |            |       |                         |       |       |  |
| 36                                    | 202                                     | 14              | 163  |     |                 |      | 1.826                       | 360   | 26              | 298   |      |                 |      | 211                                     | 15              | 170   |      |                 |      |                             | 158   |                         | 11    |            | 128   |            |       |                         |       |       |  |
| 49                                    | 3537                                    | 1471            | 42   |     |                 |      | 1.483                       | 5245  | 2181            | 62    |      |                 |      | 4552                                    | 2009            | 58    |      |                 |      |                             | 693   |                         | 172   |            | 4     |            |       |                         |       |       |  |
| 91 (Civilian)                         | 6                                       | 0               | 6    |     |                 |      | 1.672                       | 10    | 0               | 10    |      |                 |      | 10                                      | 0               | 10    |      |                 |      |                             | 0     |                         | 0     |            | 0     |            |       |                         |       |       |  |
| 91 (Armed)                            | 2                                       | 2               | 2    |     |                 |      | 0.872                       | 2     | 2               | 2     |      |                 |      | 2                                       | 2               | 2     |      |                 |      |                             | 0     |                         | 0     |            | 0     |            |       |                         |       |       |  |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |       |      |                 |      |                                         |                 |       |      |                 |      |                             |       |                         |       |            |       |            |       |                         |       |       |  |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |       |      |                 |      |                                         |                 |       |      |                 |      |                             |       |                         |       |            |       |            |       |                         |       |       |  |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |       |      |                 |      |                                         |                 |       |      |                 |      |                             |       |                         |       |            |       |            |       |                         |       |       |  |
|                                       |                                         |                 |      |     |                 |      |                             |       |                 |       |      |                 |      |                                         |                 |       |      |                 |      |                             |       |                         |       |            |       |            |       |                         |       |       |  |
| D. COUNTY TOTAL                       | 14726                                   | 3214            | 8532 |     |                 |      |                             | 22537 | 4943            | 11588 |      |                 |      | 20271                                   | 4663            | 11456 |      |                 |      |                             | 2266  |                         | 286   |            | 132   |            |       |                         |       |       |  |

\* Employment  
 \*\*Growth Factor

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 49                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 28                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 33                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 91 (Armed)                            |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                                |                              |             | 1                              | 0                      | 0         |           |                         |
| 26                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 29                                    |                      |                                |                              |             | 16                             | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                                |                              |             | 1222                           | 0                      | 0         |           |                         |
| 33                                    |                      |                                |                              |             | 1                              | 74                     | 0         |           |                         |
| 49                                    |                      |                                |                              |             | 694                            | 172                    | 3         |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 1934                           | 246                    | 3         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                       |                       |             | 0                              | 1                      | 0         |           |                         |
| 26                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 49                                    |                      |                       |                       |             | 0                              | 0                      | 1         |           |                         |
| 91 (Civil)                            |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 0                              | 1                      | 1         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 14  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 49                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 91 (Armed)                            |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 15  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 28                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 29                                    |                      |                       |                       |             | 5                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 37                             | 28                     | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 42                             | 28                     | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1980  
 D. Allocation Order 5

| Industrial<br>Process Category<br>(1) | Total<br>Imp.<br>(2) | Point<br>Source<br>Imp.<br>(3) | New<br>Source<br>Imp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 14 & 32                               |                      |                                |                              |             | 132                            | 0                      | 0         |           |                         |
| 36                                    |                      |                                |                              |             | 158                            | 11                     | 128       |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 290                            | 11                     | 128       |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 17  
 C. Year 1980  
 D. Allocation Order 5

| Industrial<br>Process Category<br>(1) | Total<br>Imp.<br>(2) | Source<br>Imp.<br>(3) | Source<br>Imp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 10  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                                    | 2                        |              | 26           | 12                     | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 26            | 12                      | 0          |            |                         |
| 14 & 32                               | 1                        |              | 3            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 3             | 0                       | 0          |            |                         |
| 49                                    | 1                        |              | 1713         | 1308                   | 24        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1713          | 1308                    | 24         |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 1742         | 1320                   | 24        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1742          | 1320                    | 24         |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 11  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 28                                    | 1                        |              | 4180         | 1654                   | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 4180          | 1654                    | 0          |            |                         |
| 14 & 32                               | 5                        |              | 24           | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 24            | 0                       | 0          |            |                         |
| 33                                    | 3                        |              | 5100         | 40                     | 11216     |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 5100          | 40                      | 11216      |            |                         |
| 91 (Armed)                            | 1                        |              | 0            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 0             | 0                       | 0          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 9204         | 1694                   | 11216     |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 9304          | 1694                    | 11216      |            |                         |

\*Employment

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 12  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                                    | 1                        |              | 5            | 0                      | 0         |           |                        |                      | 1             | 0                       | 0          |            |                         |                 | 6             | 0                       | 0          |            |                         |
| 26                                    | 1                        |              | 2            | 2                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2             | 2                       | 0          |            |                         |
| 29                                    | 2                        |              | 64           | 0                      | 0         |           |                        |                      | 16            | 0                       | 0          |            |                         |                 | 80            | 0                       | 0          |            |                         |
| 14 & 32                               | 2                        |              | 4972         | 0                      | 0         |           |                        |                      | 1222          | 0                       | 0          |            |                         |                 | 6194          | 0                       | 0          |            |                         |
| 33                                    | 1                        |              | 6            | 302                    | 0         |           |                        |                      | 1             | 74                      | 0          |            |                         |                 | 7             | 376                     | 0          |            |                         |
| 49                                    | 1                        |              | 2824         | 700                    | 12        |           |                        |                      | 694           | 172                     | 3          |            |                         |                 | 3518          | 872                     | 15         |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 7873         | 1004                   | 12        |           |                        |                      | 1934          | 246                     | 3          |            |                         |                 | 9807          | 1250                    | 15         |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 13  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                                    | 1                        |              | 2            | 22                     | 0         |           |                        |                      | 0             | 1                       | 0          |            |                         |                 | 2             | 23                      | 0          |            |                         |
| 26                                    | 1                        |              | 0            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 0             | 0                       | 0          |            |                         |
| 14 & 32                               | 1                        |              | 2            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2             | 0                       | 0          |            |                         |
| 49 & 44                               | 1                        |              | 15           | 1                      | 21        |           |                        |                      | 0             | 0                       | 1          |            |                         |                 | 15            | 1                       | 22         |            |                         |
| 91 (Civil)                            | 1                        |              | 10           | 0                      | 10        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 10            | 0                       | 10         |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 29           | 23                     | 31        |           |                        |                      | 0             | 1                       | 1          |            |                         |                 | 29            | 24                      | 32         |            |                         |

\*Employment

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 14  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49                                    | 1                        |              | 0            | 0                      | 1         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 0               | 0                       | 1          |            |                         |
| 91 (Armed)                            | 1                        |              | 2            | 2                      | 2         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2               | 2                       | 2          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 2            | 2                      | 3         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2               | 2                       | 3          |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 15  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 28                                    | 1                        |              | 2            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2               | 0                       | 0          |            |                         |
| 29                                    | 2                        |              | 98           | 2                      | 0         |           |                        |                      | 5             | 0                       | 0          |            |                         |               | 103             | 2                       | 0          |            |                         |
| 14 & 32                               | 4                        |              | 798          | 603                    | 0         |           |                        |                      | 37            | 28                      | 0          |            |                         |               | 835             | 631                     | 0          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 898          | 605                    | 0         |           |                        |                      | 42            | 28                      | 0          |            |                         |               | 940             | 633                     | 0          |            |                         |

\*Employment

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 16  
 C. Year 1980  
 D. Allocation Order 3

| Industrial Process Category | Point Source Emissions |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|-----------------------------|------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)                         | (2)<br>No. of Sources  | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 14 & 32                     | 2                      |              | 211          | 0                      | 0         |           |                        |                      | 132           | 0                       | 0          |            |                         |               | 343             | 0                       | 0          |            |                         |
| 36                          | 1                      |              | 211          | 15                     | 170       |           |                        |                      | 158           | 11                      | 128        |            |                         |               | 369             | 26                      | 298        |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
| E. SUBAREA TOTAL            |                        |              | 422          | 15                     | 170       |           |                        |                      | 290           | 11                      | 128        |            |                         |               | 712             | 26                      | 298        |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 17  
 C. Year 1980  
 D. Allocation Order 3

| Industrial Process Category | Point Source Emissions |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|-----------------------------|------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)                         | (2)<br>No. of Sources  | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 14 & 32                     | 1                      |              | 2            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2               | 0                       | 0          |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                             |                        |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
| E. SUBAREA TOTAL            |                        |              | 2            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2               | 0                       | 0          |            |                         |

\*Employment

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |           |       |                         |       |               |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|-----------|-------|-------------------------|-------|---------------|
|                       | (1)<br>Name           | (2)<br>Process | (3)<br>Subarea | (4)<br>Coord. |        | (5)<br>GF**                         | (6)<br>Part. |       | (7)<br>SO <sub>x</sub> |       | (8)<br>CO |       | (9)<br>HC |       | (10)<br>NO <sub>x</sub> |       | (11)<br>Emp.* |
|                       |                       |                |                | X             | Y      |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.     | Emis. | Cont.                   | Emis. |               |
| 20                    | Coffee Co.            | 2095           | 10             | 742.4         | 3737.3 | 1.334                               |              | 1     |                        | 0     |           | 0     |           |       |                         |       |               |
| 20                    | Food Preparation      | 2099           | 10             | 742.3         | 3739.2 | 1.334                               |              | 28    |                        | 13    |           | 0     |           |       |                         |       |               |
| 20                    | Brewing Co.           | 2082           | 13             | 742.7         | 3726.2 | 1.334                               |              | 3     |                        | 25    |           | 0     |           |       |                         |       |               |
| 20                    | Candle Co.            | 2094           | 12             | 738.9         | 3741.9 | 1.334                               |              | 6     |                        | 0     |           | 0     |           |       |                         |       |               |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |              | 38    |                        | 38    |           | 0     |           |       |                         |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| Indust.<br>Proc.Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |            |       |                         |  |               |
|----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|--|---------------|
|                      | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |        | (6)<br>GF**                         | (7)<br>Part. |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |  | (12)<br>Emp.* |
|                      |                       |                |                | Cont.         | Emis.  |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. |                         |  |               |
| 26                   | Paper Bag Co.         | 2643           | 13             | 741.5         | 3736.5 | 2.108                               |              | 0     |                        | 0     |           | 0     |            |       |                         |  |               |
| 26                   | Paper Coating Co      | 2641           | 12             | 739.4         | 3739.0 | 2.108                               |              | 2     |                        | 2     |           | 0     |            |       |                         |  |               |
|                      |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |  |               |
|                      |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |  |               |
|                      | COUNTY TOTAL          |                |                |               |        |                                     |              | 2     |                        | 2     |           | 0     |            |       |                         |  |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| Indust.<br>Proc.Cat. | Source Identification |         |         |            |        | Process Emission Forecast (tons/yr) |           |       |                     |       |        |       |         |       |                      |       |       |
|----------------------|-----------------------|---------|---------|------------|--------|-------------------------------------|-----------|-------|---------------------|-------|--------|-------|---------|-------|----------------------|-------|-------|
| (1)                  | (2)                   | (3)     | (4)     | Coord. (5) |        | (6)                                 | Part. (7) |       | SO <sub>x</sub> (8) |       | CO (9) |       | HC (10) |       | NO <sub>x</sub> (11) |       | (12)  |
|                      | Name                  | Process | Subarea | X          | Y      | GF**                                | Cont.     | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.   | Emis. | Cont.                | Emis. | Emo.* |
| 28                   | Inorganic             |         |         |            |        |                                     |           |       |                     |       |        |       |         |       |                      |       |       |
|                      | Pigment Co.           | 2816    | 11      | 740.5      | 3741.5 | 2.039                               |           | 5152  |                     | 2039  |        | 0     |         |       |                      |       |       |
| 28                   | Paint Co.             | 2851    | 15      | 738.7      | 3728.9 | 2.039                               |           | 2     |                     | 0     |        | 0     |         |       |                      |       |       |
|                      |                       |         |         |            |        |                                     |           |       |                     |       |        |       |         |       |                      |       |       |
|                      | COUNTY TOTAL          |         |         |            |        |                                     |           | 5154  |                     | 2039  |        | 0     |         |       |                      |       |       |

\*Employment  
 \*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification  |                           |                           |                          |        | Process Emission Forecast (tons/yr) |                         |       |                                   |       |                      |       |                        |       |                                     |       |                           |
|-----------------------|------------------------|---------------------------|---------------------------|--------------------------|--------|-------------------------------------|-------------------------|-------|-----------------------------------|-------|----------------------|-------|------------------------|-------|-------------------------------------|-------|---------------------------|
|                       | (1)<br><br>(2)<br>Name | (3)<br><br>(3)<br>Process | (4)<br><br>(4)<br>Subarea | (5)<br><br>(5)<br>Coord. |        | (6)<br><br>(6)<br>GF**              | (7)<br><br>(7)<br>Part. |       | (8)<br><br>(8)<br>SO <sub>x</sub> |       | (9)<br><br>(9)<br>CO |       | (10)<br><br>(10)<br>HC |       | (11)<br><br>(11)<br>NO <sub>x</sub> |       | (12)<br><br>(12)<br>Emp.* |
|                       |                        |                           |                           | X                        | Y      |                                     | Cont.                   | Emis. | Cont.                             | Emis. | Cont.                | Emis. | Cont.                  | Emis. | Cont.                               | Emis. |                           |
| 29                    | Paving Co.             | 2951                      | 12                        | 740.8                    | 3739.1 | 2.387                               |                         | 75    |                                   | 0     |                      | 0     |                        |       |                                     |       |                           |
| 29                    | Paving Co.             | 2951                      | 12                        | 734.6                    | 3740.8 | 2.387                               |                         | 4     |                                   | 0     |                      | 0     |                        |       |                                     |       |                           |
| 29                    | Paving Co.             | 2951                      | 15                        | 738.0                    | 3728.0 | 2.387                               |                         | 5     |                                   | 0     |                      | 0     |                        |       |                                     |       |                           |
| 29                    | Paving Co.             | 2951                      | 15                        | 735.7                    | 3724.7 | 2.387                               |                         | 112   |                                   | 2     |                      | 0     |                        |       |                                     |       |                           |
|                       | COUNTY TOTAL           |                           |                           |                          |        |                                     |                         | 196   |                                   | 2     |                      | 0     |                        |       |                                     |       |                           |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |         |         |            |        | Process Emission Forecast (tons/yr) |       |       |                     |        |       |         |                      |       |       |        |
|-----------------------|-----------------------|---------|---------|------------|--------|-------------------------------------|-------|-------|---------------------|--------|-------|---------|----------------------|-------|-------|--------|
|                       | (2)                   | (3)     | (4)     | Coord. (5) |        | (6)                                 | (7)   |       | SO <sub>x</sub> (8) | CO (9) |       | HC (10) | NO <sub>x</sub> (11) | (12)  |       |        |
|                       | Name                  | Process | Subarea |            |        | GF**                                | Cont. | Emis. | Cont.               | Emis.  | Cont. | Emis.   | Cont.                | Emis. | Cont. | Emis.* |
| 33                    | Steel Works Co.       | 3312    | 11      | 741.9      | 3742.1 | 1.590                               |       | 5478  |                     | 46     |       | 4865    |                      |       |       |        |
| 33                    | Iron Foundry          | 3321    | 11      | 744.9      | 3738.6 | 1.590                               |       | 57    |                     | 2      |       | 3496    |                      |       |       |        |
| 33                    | Steel Works Co.       | 3312    | 11      | 741.0      | 3741.9 | 1.590                               |       | 479   |                     | 0      |       | 4865    |                      |       |       |        |
| 33                    | Sec. Smelt. Co.       | 3341    | 12      | 739.2      | 3740.5 | 1.590                               |       | 7     |                     | 364    |       | 0       |                      |       |       |        |
|                       | COUNTY TOTAL          |         |         |            |        |                                     |       | 6021  |                     | 412    |       | 13226   |                      |       |       |        |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| Indust.<br>Proc.Cat. | Source Identification |                |                |             |          | Process Emission Forecast (tons/yr) |                |              |                          |              |             |              |             |               |                          |               |               |
|----------------------|-----------------------|----------------|----------------|-------------|----------|-------------------------------------|----------------|--------------|--------------------------|--------------|-------------|--------------|-------------|---------------|--------------------------|---------------|---------------|
|                      | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord.<br>X | (5)<br>Y | (6)<br>GF**                         | Part.<br>Cont. | (7)<br>Emis. | SO <sub>x</sub><br>Cont. | (8)<br>Emis. | CO<br>Cont. | (9)<br>Emis. | HC<br>Cont. | (10)<br>Emis. | NO <sub>x</sub><br>Cont. | (11)<br>Emis. | (12)<br>Emp.* |
| 36                   | Electric              |                |                |             |          |                                     |                |              |                          |              |             |              |             |               |                          |               |               |
|                      | Machinery Co.         | 3696           | 16             | 727.5       | 3714.8   | 2.436                               |                | 316          |                          | 22           |             | 255          |             |               |                          |               |               |
|                      |                       |                |                |             |          |                                     |                |              |                          |              |             |              |             |               |                          |               |               |
|                      |                       |                |                |             |          |                                     |                |              |                          |              |             |              |             |               |                          |               |               |
|                      | COUNTY TOTAL          |                |                |             |          |                                     |                | 316          |                          | 22           |             | 255          |             |               |                          |               |               |

\*Employment

\*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |              |       |                        |       |           |       |            |       |                         |       |               |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|--------------|-------|------------------------|-------|-----------|-------|------------|-------|-------------------------|-------|---------------|
|                       | (1)<br>Name           | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |        | (6)<br>GF**                         | (7)<br>Part. |       | (8)<br>SO <sub>x</sub> |       | (9)<br>CO |       | (10)<br>HC |       | (11)<br>NO <sub>x</sub> |       | (12)<br>Emp.* |
|                       |                       |                |                | X             | Y      |                                     | Cont.        | Emis. | Cont.                  | Emis. | Cont.     | Emis. | Cont.      | Emis. | Cont.                   | Emis. |               |
| 32                    | Brick Co.             | 3251           | 12             | 731.4         | 3744.4 | 1.934                               |              | 5792  |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 10             | 742.4         | 3738.7 | 1.934                               |              | 4     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 740.8         | 3740.1 | 1.934                               |              | 6     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 743.8         | 3741.1 | 1.934                               |              | 2     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Glass Ctr. Co.        | 3221           | 15             | 739.3         | 3728.7 | 1.934                               |              | 324   |                        | 351   |           | 0     |            |       |                         |       |               |
| 32                    | Mineral Wool Co       | 3296           | 16             | 727.5         | 3714.8 | 1.934                               |              | 260   |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 16             | 725.6         | 3716.6 | 1.934                               |              | 1     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.4         | 3739.9 | 1.934                               |              | 2     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 15             | 731.8         | 3726.0 | 1.934                               |              | 4     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.5         | 3737.4 | 1.934                               |              | 4     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 11             | 745.5         | 3737.4 | 1.934                               |              | 15    |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Flat Glass Co.        | 3211           | 15             | 739.3         | 3727.8 | 1.934                               |              | 613   |                        | 357   |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 15             | 735.7         | 3725.1 | 1.934                               |              | 4     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 17             | 743.5         | 3745.1 | 1.934                               |              | 2     |                        | 0     |           | 0     |            |       |                         |       |               |
| 32                    | Redi-Mix Concrete     | 3273           | 13             | 741.3         | 3733.3 | 1.934                               |              | 2     |                        | 0     |           | 0     |            |       |                         |       |               |
| 14                    | Crushed Granite       | 1423           | 12             | 736.9         | 3741.2 | 1.934                               |              | 238   |                        | 0     |           | 0     |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       |                       |                |                |               |        |                                     |              |       |                        |       |           |       |            |       |                         |       |               |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |              | 7273  |                        | 708   |           | 0     |            |       |                         |       |               |

\*Employment

\*\*Growth Factor

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |                |       |                          |       |             |       |             |       |                          |       |               |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|----------------|-------|--------------------------|-------|-------------|-------|-------------|-------|--------------------------|-------|---------------|
|                       | (1)<br>Name           | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |        | (6)<br>GF**                         | (7)            |       | (8)                      |       | (9)         |       | (10)        |       | (11)                     |       | (12)<br>Emp.* |
|                       |                       |                |                | X             | Y      |                                     | Part.<br>Cont. | Emis. | SO <sub>x</sub><br>Cont. | Emis. | CO<br>Cont. | Emis. | HC<br>Cont. | Emis. | NO <sub>x</sub><br>Cont. | Emis. |               |
| 49                    | Refuse Systems        | 4953           | 14             |               |        | 1.828                               |                | 0     |                          | 0     |             | 2     |             |       |                          |       |               |
| 49                    | U.S. Prison           | 4953           | 13             | 743.8         | 3733.1 | 1.828                               |                | 17    |                          | 2     |             | 27    |             |       |                          |       |               |
| 49                    | Steam Supply          | 4961           | 12             | 740.5         | 3736.6 | 1.828                               |                | 3557  |                          | 881   |             | 15    |             |       |                          |       |               |
| 49                    | Steam Supply          | 4961           | 10             | 742.1         | 3737.3 | 1.828                               |                | 2111  |                          | 1612  |             | 29    |             |       |                          |       |               |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |                | 5685  |                          | 2495  |             | 73    |             |       |                          |       |               |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| Indust.<br>Proc. Cat. | Source Identification |                |                |               |        | Process Emission Forecast (tons/yr) |                |                        |       |           |       |           |       |                         |       |               |  |
|-----------------------|-----------------------|----------------|----------------|---------------|--------|-------------------------------------|----------------|------------------------|-------|-----------|-------|-----------|-------|-------------------------|-------|---------------|--|
|                       | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | (5)<br>Coord. |        | (6)<br>GF**                         | Part.<br>Cont. | (7)<br>SO <sub>x</sub> |       | (8)<br>CO |       | (9)<br>HC |       | (10)<br>NO <sub>x</sub> |       | (12)<br>Emp.* |  |
|                       |                       |                |                |               |        |                                     |                | Cont.                  | Emis. | Cont.     | Emis. | Cont.     | Emis. | Cont.                   | Emis. |               |  |
| 91                    | U.S. Prison           | 9100           | 13             | 743.8         | 3733.1 | 2.138                               |                | 13                     |       | 0         |       | 13        |       |                         |       |               |  |
| (Civil)               |                       |                |                |               |        |                                     |                |                        |       |           |       |           |       |                         |       |               |  |
|                       |                       |                |                |               |        |                                     |                |                        |       |           |       |           |       |                         |       |               |  |
|                       |                       |                |                |               |        |                                     |                |                        |       |           |       |           |       |                         |       |               |  |
|                       | COUNTY TOTAL          |                |                |               |        |                                     |                | 13                     |       | 0         |       | 13        |       |                         |       |               |  |

Table 3.4-1

## Point Source Industrial Process Emissions

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| Indust.<br>Proc.Cat. | Source Identification |                |                |                        |        | Process Emission Forecast (tons/yr) |                             |                                       |                          |                           |                                        |               |  |  |  |  |  |
|----------------------|-----------------------|----------------|----------------|------------------------|--------|-------------------------------------|-----------------------------|---------------------------------------|--------------------------|---------------------------|----------------------------------------|---------------|--|--|--|--|--|
|                      | (1)<br>(2)<br>Name    | (3)<br>Process | (4)<br>Subarea | Coord. (5)<br>X      Y |        | (6)<br>GF**                         | Part. (7)<br>Cont.    Emis. | SO <sub>x</sub> (8)<br>Cont.    Emis. | CO (9)<br>Cont.    Emis. | HC (10)<br>Cont.    Emis. | NO <sub>x</sub> (11)<br>Cont.    Emis. | (12)<br>Emp.* |  |  |  |  |  |
| 91                   | Armed Forces          | 9100           | 11             | 744.3                  | 3737.2 | 1.0                                 |                             | 0                                     | 0                        | 0                         |                                        |               |  |  |  |  |  |
| 91                   | Armed Forces          | 9100           | 14             | 737.8                  | 3732.2 | 1.0                                 |                             | 2                                     | 2                        | 2                         |                                        |               |  |  |  |  |  |
|                      |                       |                |                |                        |        |                                     |                             |                                       |                          |                           |                                        |               |  |  |  |  |  |
|                      |                       |                |                |                        |        |                                     |                             |                                       |                          |                           |                                        |               |  |  |  |  |  |
|                      | COUNTY TOTAL          |                |                |                        |        |                                     |                             | 2                                     | 2                        | 2                         |                                        |               |  |  |  |  |  |

\*Employment

\*\*Growth Factor

Table 5.1-2

## Industrial Point and New Source Process Emissions by Process Category

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| (1)<br>Industrial<br>Process Category | Baseline Year<br>Existing Point Sources |                 |      |     |                 |       | Forecast Year - All Sources |       |                 |       |      |                 | Forecast Year<br>Existing Point Sources |       |                 |       |      |                 | Forecast Year - New Sources |               |       |                         |       |            |       |            |       |                         |       |       |  |
|---------------------------------------|-----------------------------------------|-----------------|------|-----|-----------------|-------|-----------------------------|-------|-----------------|-------|------|-----------------|-----------------------------------------|-------|-----------------|-------|------|-----------------|-----------------------------|---------------|-------|-------------------------|-------|------------|-------|------------|-------|-------------------------|-------|-------|--|
|                                       | (2)                                     | (3)             | (4)  | (5) | (6)             | (7)   | (8)                         | (9)   | (10)            | (11)  | (12) | (13)            | (14)                                    | (15)  | (16)            | (17)  | (18) | (19)            | (20)                        | (21)<br>Part. |       | (22)<br>SO <sub>x</sub> |       | (23)<br>CO |       | (24)<br>HC |       | (25)<br>NO <sub>x</sub> |       | (26)  |  |
|                                       | Part.                                   | SO <sub>x</sub> | CO   | HC  | NO <sub>x</sub> | Emp.* | GF**                        | Part. | SO <sub>x</sub> | CO    | HC   | NO <sub>x</sub> | Emp.*                                   | Part. | SO <sub>x</sub> | CO    | HC   | NO <sub>x</sub> | Emp.*                       | Cont.         | Emis. | Cont.                   | Emis. | Cont.      | Emis. | Cont.      | Emis. | Cont.                   | Emis. | Emp.* |  |
| 20                                    | 29                                      | 29              | 0    |     |                 |       | 1.334                       | 39    | 39              | 0     |      |                 |                                         | 38    | 38              | 0     |      |                 |                             |               | 1     |                         | 1     |            | 0     |            |       |                         |       |       |  |
| 26                                    | 1                                       | 1               | 0    |     |                 |       | 2.108                       | 2     | 2               | 0     |      |                 |                                         | 2     | 2               | 0     |      |                 |                             |               | 0     |                         | 0     |            | 0     |            |       |                         |       |       |  |
| 28                                    | 2528                                    | 1000            | 0    |     |                 |       | 2.033                       | 5154  | 2032            | 0     |      |                 |                                         | 5154  | 2039            | 0     |      |                 |                             |               | 0     |                         | 0     |            | 0     |            |       |                         |       |       |  |
| 29                                    | 92                                      | 1               | 0    |     |                 |       | 2.387                       | 220   | 2               | 0     |      |                 |                                         | 176   | 2               | 0     |      |                 |                             |               | 24    |                         | 0     |            | 0     |            |       |                         |       |       |  |
| 14 & 32                               | 4541                                    | 387             | 0    |     |                 |       | 1.934                       | 6781  | 748             | 0     |      |                 |                                         | 7273  | 708             | 0     |      |                 |                             |               | 1500  |                         | 40    |            | 0     |            |       |                         |       |       |  |
| 33                                    | 3788                                    | 320             | 8310 |     |                 |       | 1.570                       | 5022  | 491             | 13226 |      |                 |                                         | 6021  | 412             | 13226 |      |                 |                             |               | 1     |                         | 79    |            | 0     |            |       |                         |       |       |  |
| 36                                    | 202                                     | 14              | 163  |     |                 |       | 2.436                       | 492   | 34              | 397   |      |                 |                                         | 316   | 22              | 255   |      |                 |                             |               | 176   |                         | 12    |            | 142   |            |       |                         |       |       |  |
| 49                                    | 3537                                    | 1471            | 42   |     |                 |       | 1.828                       | 6464  | 2688            | 77    |      |                 |                                         | 5685  | 2495            | 73    |      |                 |                             |               | 779   |                         | 193   |            | 4     |            |       |                         |       |       |  |
| 91 (Civilian)                         | 6                                       | 0               | 6    |     |                 |       | 2.138                       | 13    | 0               | 13    |      |                 |                                         | 13    | 0               | 13    |      |                 |                             |               | 0     |                         | 0     |            | 0     |            |       |                         |       |       |  |
| 91 (Armed)                            | 2                                       | 2               | 2    |     |                 |       | 0.982                       | 2     | 2               | 2     |      |                 |                                         | 2     | 2               | 2     |      |                 |                             |               | 0     |                         | 0     |            | 0     |            |       |                         |       |       |  |
|                                       |                                         |                 |      |     |                 |       |                             |       |                 |       |      |                 |                                         |       |                 |       |      |                 |                             |               |       |                         |       |            |       |            |       |                         |       |       |  |
|                                       |                                         |                 |      |     |                 |       |                             |       |                 |       |      |                 |                                         |       |                 |       |      |                 |                             |               |       |                         |       |            |       |            |       |                         |       |       |  |
|                                       |                                         |                 |      |     |                 |       |                             |       |                 |       |      |                 |                                         |       |                 |       |      |                 |                             |               |       |                         |       |            |       |            |       |                         |       |       |  |
|                                       |                                         |                 |      |     |                 |       |                             |       |                 |       |      |                 |                                         |       |                 |       |      |                 |                             |               |       |                         |       |            |       |            |       |                         |       |       |  |
| D. COUNTY TOTAL                       | 14726                                   | 3214            | 8532 |     |                 |       |                             | 27189 | 6745            | 17715 |      |                 |                                         | 24700 | 5720            | 13569 |      |                 |                             |               | 2489  |                         | 325   |            | 146   |            |       |                         |       |       |  |

\* Employment  
 \*\*Growth Factor

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 49                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 28                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 33                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 91 (Armed)                            |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                                |                              |             | 1                              | 0                      | 0         |           |                         |
| 26                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 29                                    |                      |                                |                              |             | 17                             | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                                |                              |             | 1318                           | 0                      | 0         |           |                         |
| 33                                    |                      |                                |                              |             | 1                              | 72                     | 0         |           |                         |
| 49                                    |                      |                                |                              |             | 778                            | 193                    | 3         |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 2115                           | 272                    | 3         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 20                                    |                      |                       |                       |             | 0                              | 1                      | 0         |           |                         |
| 26                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 49                                    |                      |                       |                       |             | 1                              | 0                      | 1         |           |                         |
| 91 (Civil)                            |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 1                              | 1                      | 1         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 14  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 49                                    |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
| 91 (Armed)                            |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 15  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 28                                    |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
| 29                                    |                      |                       |                       |             | 7                              | 0                      | 0         |           |                         |
| 14 & 32                               |                      |                       |                       |             | 53                             | 40                     | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 60                             | 40                     | 0         |           |                         |

\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Point<br>Source<br>Emp.<br>(3) | New<br>Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|--------------------------------|------------------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                                |                              |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 14 & 32                               |                      |                                |                              |             | 145                            | 0                      | 0         |           |                         |
| 36                                    |                      |                                |                              |             | 176                            | 12                     | 142       |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
|                                       |                      |                                |                              |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                                |                              |             | 321                            | 12                     | 142       |           |                         |

\*Employment Allocation Proportion  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-3

## Process Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 17  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.<br>(2) | Source<br>Emp.<br>(3) | Source<br>Emp.<br>(4) | EAP*<br>(5) | New Source Emissions (tons/yr) |                        |           |           |                         |
|---------------------------------------|----------------------|-----------------------|-----------------------|-------------|--------------------------------|------------------------|-----------|-----------|-------------------------|
|                                       |                      |                       |                       |             | (6)<br>Part.                   | (7)<br>SO <sub>x</sub> | (8)<br>CO | (9)<br>HC | (10)<br>NO <sub>x</sub> |
| 14 & 32                               |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
|                                       |                      |                       |                       |             |                                |                        |           |           |                         |
| E. SUBAREA TOTAL                      |                      |                       |                       |             | 0                              | 0                      | 0         |           |                         |

\*Employment Allocation Proportion  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 10  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                                    | 2                        |              | 29           | 13                     | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 29            | 13                      | 0          |            |                         |
| 14 & 32                               | 1                        |              | 4            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 4             | 0                       | 0          |            |                         |
| 49                                    | 1                        |              | 2111         | 1612                   | 29        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2111          | 1612                    | 29         |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 2144         | 1625                   | 29        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2114          | 1625                    | 29         |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 11  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 28                                    | 1                        |              | 5152         | 2039                   | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 5152          | 2039                    | 0          |            |                         |
| 14 & 32                               | 5                        |              | 29           | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 29            | 0                       | 0          |            |                         |
| 33                                    | 3                        |              | 6014         | 48                     | 13226     |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 6014          | 48                      | 13226      |            |                         |
| 91 (Armed)                            | 1                        |              | 0            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 0             | 0                       | 0          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |                 |               |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 11195        | 2087                   | 13226     |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 11195         | 2087                    | 13226      |            |                         |

\*Employment

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 12  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                                    | 1                        |              | 6            | 0                      | 0         |           |                        |                      | 1             | 0                       | 0          |            |                         |                 | 7             | 0                       | 0          |            |                         |
| 26                                    | 1                        |              | 2            | 2                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2             | 2                       | 0          |            |                         |
| 29                                    | 2                        |              | 79           | 0                      | 0         |           |                        |                      | 17            | 0                       | 0          |            |                         |                 | 96            | 0                       | 0          |            |                         |
| 14 & 32                               | 2                        |              | 6030         | 0                      | 0         |           |                        |                      | 1318          | 0                       | 0          |            |                         |                 | 7348          | 0                       | 0          |            |                         |
| 33                                    | 1                        |              | 7            | 364                    | 0         |           |                        |                      | 1             | 79                      | 0          |            |                         |                 | 8             | 443                     | 0          |            |                         |
| 49                                    | 1                        |              | 3557         | 881                    | 15        |           |                        |                      | 778           | 193                     | 3          |            |                         |                 | 4335          | 1074                    | 18         |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 9681         | 1247                   | 15        |           |                        |                      | 2115          | 272                     | 3          |            |                         |                 | 11796         | 1519                    | 18         |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 13  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 20                                    | 1                        |              | 3            | 25                     | 0         |           |                        |                      | 0             | 1                       | 0          |            |                         |                 | 3             | 26                      | 0          |            |                         |
| 26                                    | 1                        |              | 0            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 0             | 0                       | 0          |            |                         |
| 14 & 32                               | 1                        |              | 2            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2             | 0                       | 0          |            |                         |
| 49                                    | 1                        |              | 17           | 2                      | 27        |           |                        |                      | 1             | 0                       | 1          |            |                         |                 | 18            | 2                       | 28         |            |                         |
| 91 (Civil)                            | 1                        |              | 13           | 0                      | 13        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 13            | 0                       | 13         |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 35           | 27                     | 40        |           |                        |                      | 1             | 1                       | 1          |            |                         |                 | 36            | 28                      | 41         |            |                         |

\*Employment

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 14  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49                                    | 1                        |              | 0            | 0                      | 2         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 0               | 0                       | 2          |            |                         |
| 91 (Armed)                            | 1                        |              | 2            | 2                      | 2         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2               | 2                       | 2          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 2            | 2                      | 4         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2               | 2                       | 4          |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 15  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 28                                    | 1                        |              | 2            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2               | 0                       | 0          |            |                         |
| 29                                    | 2                        |              | 117          | 2                      | 0         |           |                        |                      | 7             | 0                       | 0          |            |                         |               | 124             | 2                       | 0          |            |                         |
| 14 & 32                               | 4                        |              | 937          | 708                    | 0         |           |                        |                      | 53            | 40                      | 0          |            |                         |               | 990             | 748                     | 0          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 1056         | 710                    | 0         |           |                        |                      | 60            | 40                      | 0          |            |                         |               | 1116            | 750                     | 0          |            |                         |

\*Employment

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 16  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 14 & 32                               | 2                        |              | 261          | 0                      | 0         |           |                        |                      | 145           | 0                       | 0          |            |                         |               | 406             | 0                       | 0          |            |                         |
| 36                                    | 1                        |              | 316          | 22                     | 255       |           |                        |                      | 176           | 12                      | 142        |            |                         |               | 492             | 34                      | 397        |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 577          | 22                     | 255       |           |                        |                      | 321           | 12                      | 142        |            |                         |               | 898             | 34                      | 397        |            |                         |

Table 3.4-4

## Industrial Point and New Source Process Emissions - Subarea Summary

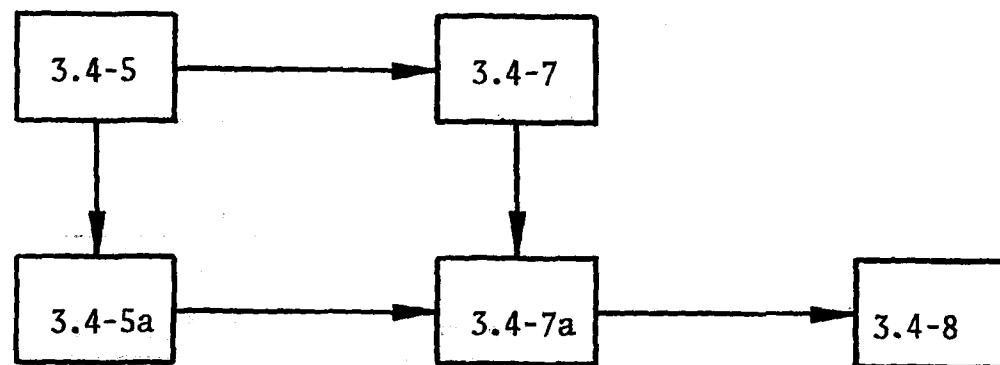
A. County Fulton  
 B. Subarea 17  
 C. Year 1985  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|---------------------------------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
|                                       | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 14 & 32                               | 1                        |              | 2            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2               | 0                       | 0          |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
|                                       |                          |              |              |                        |           |           |                        |                      |               |                         |            |            |                         |               |                 |                         |            |            |                         |
| E. SUBAREA TOTAL                      |                          |              | 2            | 0                      | 0         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2               | 0                       | 0          |            |                         |

\*Employment

# Allocation Procedure

Order 1:



Orders 2 and 3:

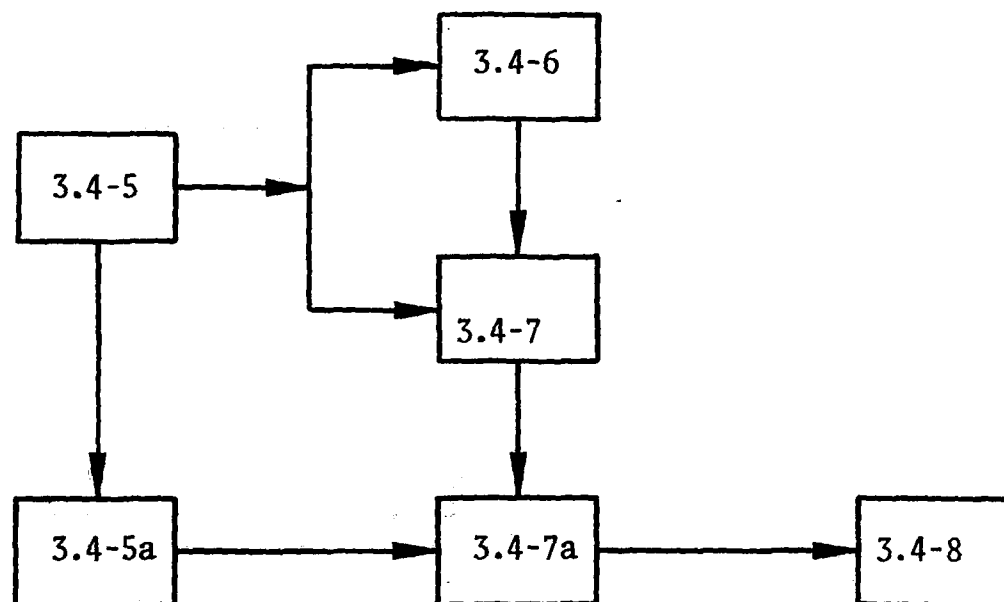


Fig. 3.4-2 Industrial Fuel Combustion Allocation Table Sequence

Table 3.4-5  
Industrial Point Source Fuel Use

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|-------------|-------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>\$S | (11)<br>\$A | (12)<br>R OIL | (13)<br>\$S | (14)<br>D OIL | (15)<br>\$S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
| 32                              | Mineral Wool Co.      | 3296         | 16             |            |   | 1.0                               | 1071        |              |             |             |             |               |             |               |             | 1020       |               |             |              |              |                |              |             |
| 32                              | Mineral Wool Co.      | 3296         | 16             |            |   | 1.0                               | 400         |              |             |             |             |               |             |               |             | 1020       |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   |                                   | 1471        |              |             |             |             |               |             |               |             | 2040       |               |             |              |              |                |              |             |

Table 3.4-5  
Industrial Point Source Fuel Use

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|------------|------------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>%S | (11)<br>%A | (12)<br>R OIL | (13)<br>%S | (14)<br>D OIL | (15)<br>%S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
| 33                              | Steel Works Co.       | 3312         | 11             |            |   | 1.0                               | 54          |              |             |            |            | 360           | 1          |               |            |            |               |             |              |              |                |              |             |
| 33                              | Steel Works Co.       | 3312         | 11             |            |   | 1.0                               | 430         |              |             |            |            |               |            |               |            | 430        |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   |                                   | 484         |              |             |            |            | 360           | 1          |               |            | 430        |               |             |              |              |                |              |             |

Table 3.4-5  
Industrial Point Source Fuel Use

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|------------|------------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>%S | (11)<br>%A | (12)<br>R OIL | (13)<br>%S | (14)<br>D OIL | (15)<br>%S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
| 49                              | Steam Supply          | 4961         | 12             |            |   | 1.0                               | 4566        |              | 19856       | 1.48       | 12         |               |            |               |            |            |               |             |              |              |                |              |             |
| 49                              | Steam Supply          | 4961         | 10             |            |   | 1.0                               | 7356        |              | 29422       | 1.50       | 8.2        |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |

\*Employment  
\*\*Growth Factor

Table 3.4-5  
Industrial Point Source Fuel Use

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|------------|------------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>%S | (11)<br>%A | (12)<br>R OIL | (13)<br>%S | (14)<br>D OIL | (15)<br>%S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
| 91                              | U, S, Prison          | 9100         | 13             |            |   | 1.0                               | 580         |              |             |            |            |               |            |               |            | 580        |               |             |              |              |                |              |             |
| (Civil)                         |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   | 1.0                               | 580         |              |             |            |            |               |            |               |            | 580        |               |             |              |              |                |              |             |

\*Employment  
\*\*Growth Factor

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 32                              | Mineral Wool Co.      | 3296           | 16             |            |   |                                              | 9     |                     | 1     |        | 9     |        |       |                      |       |
| 32                              | Mineral Wool Co.      | 3296           | 16             |            |   |                                              | 9     |                     | 1     |        | 9     |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
| COUNTY TOTAL                    |                       |                |                |            |   |                                              | 18    |                     | 2     |        | 18    |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 33                              | Steel Works Co.       | 3312           | 11             |            |   |                                              | 4     |                     | 28    |        | 1     |        |       |                      |       |
| 33                              | Steel Works Co.       | 3312           | 11             |            |   |                                              | 4     |                     | 1     |        | 4     |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
| COUNTY TOTAL                    |                       |                |                |            |   |                                              | 8     |                     | 29    |        | 5     |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 49                              | Steam Supply Co.      | 4961           | 12             |            |   |                                              | 1906  |                     | 558   |        | 10    |        |       |                      |       |
| 49                              | Steam Supply Co.      | 4961           | 10             |            |   |                                              | 1930  |                     | 839   |        | 15    |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
| COUNTY TOTAL                    |                       |                |                |            |   |                                              | 3836  |                     | 1397  |        | 25    |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 91 (Civil)                      | U. S. Prison          | 9100           | 13             |            |   |                                              | 5     |                     | 1     |        | 5     |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
| COUNTY TOTAL                    |                       |                |                |            |   |                                              | 5     |                     | 1     |        | 5     |        |       |                      |       |

Table 3.4-6  
Industrial Point and New Source Energy Demand by Process Category

A. County Fulton  
B. Year 1970  
C. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Baseline Year<br>Existing Point Sources |              | Forecast Year - All Sources |             |              | Forecast Year<br>Existing Point Sources |              | Forecast Year<br>New Sources |               |
|---------------------------------------|-----------------------------------------|--------------|-----------------------------|-------------|--------------|-----------------------------------------|--------------|------------------------------|---------------|
|                                       | (2)<br>MBTU                             | (3)<br>Emp.* | (4)<br>GF**                 | (5)<br>MBTU | (6)<br>Emp.* | (7)<br>MBTU                             | (8)<br>Emp.* | (9)<br>MBTU                  | (10)<br>Emp.* |
| 32                                    | 1471                                    |              | 1.0                         |             |              | 1471                                    |              | 0                            |               |
| 33                                    | 484                                     |              | 1.0                         |             |              | 484                                     |              | 0                            |               |
| 49                                    | 11922                                   |              | 1.0                         |             |              | 11922                                   |              | 0                            |               |
| 91                                    | 580                                     |              | 1.0                         |             |              | 580                                     |              | 0                            |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
| Power Generation                      |                                         |              |                             |             |              |                                         |              |                              |               |
| Industrial Area                       |                                         |              |                             |             |              |                                         |              |                              |               |
| D. COUNTY TOTAL                       | 14457                                   |              |                             |             |              | 14457                                   |              | 0                            |               |

\*Employment  
\*\*Growth Factor

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.*<br>(2) | Point<br>Source<br>Emp.*<br>(3) | New<br>Source<br>Emp.*<br>(4) | LAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
|---------------------------------------|-----------------------|---------------------------------|-------------------------------|--------------|-----------------------------------|-------------|------------|------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                       |                       |                                 |                               |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>\$A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 49                                    |                       |                                 |                               |              | 0                                 | 0           |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Power<br>Generation                   |                       |                                 |                               |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial<br>Area                    |                       |                                 |                               |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                      |                       |                                 |                               |              | 0                                 | 0           |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.*<br>(2) | Point<br>Source<br>Emp.*<br>(3) | New<br>Source<br>Emp.*<br>(4) | LAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
|---------------------------------------|-----------------------|---------------------------------|-------------------------------|--------------|-----------------------------------|-------------|------------|------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                       |                       |                                 |                               |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>\$A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 33                                    |                       |                                 |                               |              | 0                                 |             |            |            | 0             |             |               |             | 0          |               |             |              |              |                |              |             |  |
| Power<br>Generation                   |                       |                                 |                               |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial<br>Area                    |                       |                                 |                               |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                      |                       |                                 |                               |              | 0                                 |             |            |            | 0             |             |               |             | 0          |               |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.*<br>(2) | Point<br>Source<br>Emp.*<br>(3) | New<br>Source<br>Emp.*<br>(4) | LAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
|---------------------------------------|-----------------------|---------------------------------|-------------------------------|--------------|-----------------------------------|-------------|------------|------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                       |                       |                                 |                               |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>\$A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 49                                    |                       |                                 |                               |              | 0                                 | 0           |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Power<br>Generation                   |                       |                                 |                               |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial<br>Area                    |                       |                                 |                               |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                      |                       |                                 |                               |              | 0                                 | 0           |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |

\*Employment

\*\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$ 

This value may be obtained from Table 3.4-3.

Table 3.4-7

## Industrial New Source Fuel Use By Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.*<br>(2) | Point<br>Source<br>Emp.*<br>(3) | New<br>Source<br>Emp.*<br>(4) | LAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
|---------------------------------------|-----------------------|---------------------------------|-------------------------------|--------------|-----------------------------------|-------------|-----------|-----------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                       |                       |                                 |                               |              | (6)<br>BTU                        | (7)<br>COAL | (8)<br>%S | (9)<br>%A | (10)<br>R OIL | (11)<br>%S | (12)<br>D OIL | (13)<br>%S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 91 (Civil)                            |                       |                                 |                               |              | 0                                 |             |           |           |               |            |               |            | 0          |               |             |              |              |                |              |             |  |
| Power<br>Generation                   |                       |                                 |                               |              |                                   |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
| Industrial<br>Area                    |                       |                                 |                               |              |                                   |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                      |                       |                                 |                               |              | 0                                 |             |           |           |               |            |               |            | 0          |               |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.*<br>(2) | Point<br>Source<br>Emp.*<br>(3) | New<br>Source<br>Emp.*<br>(4) | LAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
|---------------------------------------|-----------------------|---------------------------------|-------------------------------|--------------|-----------------------------------|-------------|-----------|-----------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                       |                       |                                 |                               |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>%S | (9)<br>%A | (10)<br>R OIL | (11)<br>%S | (12)<br>D OIL | (13)<br>%S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 32                                    |                       |                                 |                               |              | 0                                 |             |           |           |               |            |               |            | 0          |               |             |              |              |                |              |             |  |
| Power<br>Generation                   |                       |                                 |                               |              |                                   |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
| Industrial<br>Area                    |                       |                                 |                               |              |                                   |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                      |                       |                                 |                               |              | 0                                 |             |           |           |               |            |               |            | 0          |               |             |              |              |                |              |             |  |

\*Employment

\*\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$  This value may be obtained from Table 3.4-3.

Table 3.4-7a (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                       | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                       | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 49                                    |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                      |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                       |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                       |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                       | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                       | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 33                                    |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                      |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                       |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                       |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1970  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                       | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                       | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 49                                    |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                      |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                       |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                       |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

\*When following an Order 1 allocation procedure, only the "Industrial Area" row of this table will be used.

Table 3.4-7a (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1970  
 D. Allocation Order 3

| Industrial Process Category (1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                 | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                 | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 91 (Civil)                      |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                 |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                 |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1970  
 D. Allocation Order 3

| Industrial Process Category (1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                 | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                 | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 32                              |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                 |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                 |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

\*When following an Order 1 allocation procedure, only the "Industrial Area" row of this table will be used.

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 10  
 C. Year 1970  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49           | 1                        |              | 1930         | 839                    | 15        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1930          | 839                     | 15         |            |                         |
| COUNTY TOTAL |                          |              | 1930         | 839                    | 15        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1930          | 839                     | 15         |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 11  
 C. Year 1970  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 33           | 2                        |              | 8            | 29                     | 5         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 8             | 29                      | 5          |            |                         |
| COUNTY TOTAL |                          |              | 8            | 29                     | 5         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 8             | 29                      | 5          |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 12  
 C. Year 1970  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49           | 1                        |              | 1906         | 558                    | 10        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1906          | 558                     | 10         |            |                         |
| COUNTY TOTAL |                          |              | 1906         | 558                    | 10        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 1906          | 558                     | 10         |            |                         |

\*Employment

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 13  
 C. Year 1970  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 91 (Civil)   | 1                        |              | 5            | 1                      | 5         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 5               | 1                       | 5          |            |                         |
| COUNTY TOTAL |                          |              | 5            | 1                      | 5         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 5               | 1                       | 5          |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 16  
 C. Year 1970  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 32           | 2                        |              | 18           | 2                      | 18        |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 18              | 2                       | 18         |            |                         |
| COUNTY TOTAL |                          |              | 18           | 2                      | 18        |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 18              | 2                       | 18         |            |                         |

\*Employment

Table 3.4-5  
Industrial Point Source Fuel Use

A. County Fulton  
B. Year 1975  
C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|------------|------------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>%S | (11)<br>%A | (12)<br>R OIL | (13)<br>%S | (14)<br>D OIL | (15)<br>%S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
| 91                              | U. S. Prison          | 9100         | 13             |            |   | 1.269                             | 736         |              |             |            |            |               |            |               |            | 736        |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   | 1.269                             | 736         |              |             |            |            |               |            |               |            | 736        |               |             |              |              |                |              |             |

\*Employment  
\*\*Growth Factor

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1975  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 32                              | Mineral Wool Company  | 3296           | 16             |            |   |                                              | 9     |                     | 1     |        | 9     |        |       |                      |       |
| 32                              | Mineral Wool Company  | 3296           | 16             |            |   |                                              | 9     |                     | 1     |        | 9     |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 | COUNTY TOTAL          |                |                |            |   |                                              | 18    |                     | 2     |        | 18    |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1975  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 33                              | Steel Works Company   | 3312           | 11             |            |   |                                              | 5     |                     | 32    |        | 1     |        |       |                      |       |
| 33                              | Steel Works Company   | 3312           | 11             |            |   |                                              | 4     |                     | 1     |        | 5     |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 | COUNTY TOTAL          |                |                |            |   |                                              | 9     |                     | 33    |        | 6     |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1975  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 49                              | Steam Supply          | 4961           | 12             |            |   |                                              | 1906  |                     | 558   |        | 10    |        |       |                      |       |
| 49                              | Steam Supply          | 4961           | 10             |            |   |                                              | 2324  |                     | 1010  |        | 18    |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 | COUNTY TOTAL          |                |                |            |   |                                              | 4230  |                     | 1568  |        | 28    |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1975  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 91 (Civil)                      | U. S. Prison          | 9100           | 13             |            |   |                                              | 6     |                     | 1     |        | 6     |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 | COUNTY TOTAL          |                |                |            |   |                                              | 6     |                     | 1     |        | 6     |        |       |                      |       |

Table 3.4-6

## Industrial Point and New Source Energy Demand by Process Category

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Baseline Year<br>Existing Point Sources |              | Forecast Year - All Sources |             |              | Forecast Year<br>Existing Point Sources |              | Forecast Year<br>New Sources |               |
|---------------------------------------|-----------------------------------------|--------------|-----------------------------|-------------|--------------|-----------------------------------------|--------------|------------------------------|---------------|
|                                       | (2)<br>MBTU                             | (3)<br>Emp.* | (4)<br>GF**                 | (5)<br>MBTU | (6)<br>Emp.* | (7)<br>MBTU                             | (8)<br>Emp.* | (9)<br>MBTU                  | (10)<br>Emp.* |
| 32                                    | 1471                                    |              | 1.289                       | 1896        |              | 1469                                    |              | 427                          |               |
| 33                                    | 484                                     |              | 1.124                       | 544         |              | 544                                     |              | 0                            |               |
| 49                                    | 11922                                   |              | 1.204                       | 14354       |              | 13145                                   |              | 1209                         |               |
| 91                                    | 580                                     |              | 1.269                       | 736         |              | 714                                     |              | 22                           |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
| Power Generation                      |                                         |              |                             |             |              |                                         |              |                              |               |
| Industrial Area                       |                                         |              |                             |             |              |                                         |              |                              |               |
| D. COUNTY TOTAL                       | 14457                                   |              |                             | 17530       |              | 15872                                   |              | 1658                         |               |

\*Employment  
 \*\*Growth Factor

Table 3.4-7

## Industrial New Source Fuel Use By Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.*<br>(2) | Point<br>Source<br>Emp.*<br>(3) | New<br>Source<br>Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
|---------------------------------------|-----------------------|---------------------------------|-------------------------------|--------------|-----------------------------------|-------------|-----------|-----------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                       |                       |                                 |                               |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>%S | (9)<br>%A | (10)<br>R OIL | (11)<br>%S | (12)<br>D OIL | (13)<br>%S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 49                                    |                       |                                 |                               |              | 0                                 | 0           |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
| Power<br>Generation                   |                       |                                 |                               |              |                                   |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
| Industrial<br>Area                    |                       |                                 |                               |              |                                   |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                      |                       |                                 |                               |              | 0                                 | 0           |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1975  
 D. Allocation Order 3

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|-----------|-----------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>%S | (9)<br>%A | (10)<br>R OIL | (11)<br>%S | (12)<br>D OIL | (13)<br>%S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 33                                 |                    |                           |                         |              | 0                                 |             |           |           | 0             |            |               |            | 0          |               |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 0                                 |             |           |           | 0             |            |               |            | 0          |               |             |              |              |                |              |             |  |

\*Employment

\*\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$  This value may be obtained from Table 3.4-3.

Table 3.4-7

## Industrial New Source Fuel Use By Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1975  
 D. Allocation Order 3

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |           |               |             |               |             |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|------------|-----------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>¢A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 49                                 |                    |                           |                         |              | 1209                              | 4054        | 1.48       | 12.0      |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |            |           |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |            |           |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 1209                              | 4054        | 1.48       | 12.0      |               |             |               |             |            |               |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1975  
 D. Allocation Order 3

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|------------|------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>\$A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 91 (Civil)                         |                    |                           |                         |              | 22                                |             |            |            |               |             |               |             | 22         |               |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 22                                |             |            |            |               |             |               |             | 22         |               |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1975  
 D. Allocation Order 3

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|------------|------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>\$A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 32                                 |                    |                           |                         |              | 427                               |             |            |            |               |             |               |             | 592        |               |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 427                               |             |            |            |               |             |               |             | 592        |               |             |              |              |                |              |             |  |

\*Employment

\*\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$  This value may be obtained from Table 3.4-3.

Table 3.4-7a (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                       | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                       | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 49                                    |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                      |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                       |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                       |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                       | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                       | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 33                                    |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                      |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                       |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                       |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

\*When following an Order 1 allocation procedure, only the "Industrial Area" row of this table will be used.

Table 3.4-7a (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                       | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                       | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 49                                    |                                | 389   |                     | 114   |          | 2     |          |       |                     |       |
| Power Generation                      |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                       |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                       |                                | 389   |                     | 114   |          | 2     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                       | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                       | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 91 (Civil)                            |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                      |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                       |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                       |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1975  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                       | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                       | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 32                                    |                                | 5     |                     | 1     |          | 5     |          |       |                     |       |
| Power Generation                      |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                       |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                       |                                | 5     |                     | 1     |          | 5     |          |       |                     |       |

\*When following an Order 1 allocation procedure, only the "Industrial Area" row of this table will be used.

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 10  
 C. Year 1975  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49           | 1                        |              | 2324         | 1010                   | 18        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2324          | 1010                    | 18         |            |                         |
| COUNTY TOTAL |                          |              | 2324         | 1010                   | 18        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 2324          | 1010                    | 18         |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 11  
 C. Year 1975  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 33           | 2                        |              | 9            | 33                     | 6         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 9             | 33                      | 6          |            |                         |
| COUNTY TOTAL |                          |              | 9            | 33                     | 6         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 9             | 33                      | 6          |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 12  
 C. Year 1975  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49           | 1                        |              | 1906         | 558                    | 10        |           |                        |                      | 389           | 114                     | 2          |            |                         |                 | 2295          | 672                     | 12         |            |                         |
| COUNTY TOTAL |                          |              | 1906         | 558                    | 10        |           |                        |                      | 389           | 114                     | 2          |            |                         |                 | 2295          | 672                     | 12         |            |                         |

\*Employment

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 13  
 C. Year 1975  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 91 (Civil)   | 1                        |              | 6            | 1                      | 6         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 6               | 1                       | 6          |            |                         |
| COUNTY TOTAL |                          |              | 6            | 1                      | 6         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 6               | 1                       | 6          |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 16  
 C. Year 1975  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 32           | 2                        |              | 18           | 2                      | 18        |           |                        |                      | 5             | 1                       | 5          |            |                         |               | 23              | 3                       | 23         |            |                         |
| COUNTY TOTAL |                          |              | 18           | 2                      | 18        |           |                        |                      | 5             | 1                       | 5          |            |                         |               | 23              | 3                       | 23         |            |                         |

\*Employment

Table 3.4-5  
Industrial Point Source Fuel Use

A. County Fulton  
B. Year 1980  
C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|------------|------------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>%S | (11)<br>%A | (12)<br>R OIL | (13)<br>%S | (14)<br>D OIL | (15)<br>%S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
| 32                              | Mineral Wool Co.      | 3296         | 16             |            |   | 1.63                              | 1746        |              |             |            |            |               |            |               |            | 1663       |               |             |              |              |                |              |             |
| 32                              | Mineral Wool Co.      | 3296         | 16             |            |   | 1.63                              | 652         |              |             |            |            |               |            |               |            | 1662       |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   | 1.63                              | 2398        |              |             |            |            |               |            |               |            | 3325       |               |             |              |              |                |              |             |

Table 3.4-5  
Industrial Point Source Fuel Use

A. County Fulton  
B. Year 1980  
C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|------------|------------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>%S | (11)<br>%A | (12)<br>R OIL | (13)<br>%S | (14)<br>D OIL | (15)<br>%S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
| 33                              | Steel Works Co.       | 3312         | 11             |            |   | 1.348                             | 73          |              |             |            |            | 485           | 1          |               |            |            |               |             |              |              |                |              |             |
| 33                              | Steel Works Co.       | 3312         | 11             |            |   | 1.348                             | 579         |              |             |            |            |               |            |               |            | 580        |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   | 1.348                             | 652         |              |             |            |            | 485           | 1          |               |            | 580        |               |             |              |              |                |              |             |

Table 3.4-5  
Industrial Point Source Fuel Use

A. County Fulton  
B. Year 1980  
C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|-------------|-------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>\$S | (11)<br>\$A | (12)<br>R OIL | (13)<br>\$S | (14)<br>D OIL | (15)<br>\$S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
| 49                              | Steam Supply          | 4961         | 12             |            |   | 1.483                             | 6771        |              | 29446       | 1.48        | 12          |               |             |               |             |            |               |             |              |              |                |              |             |
| 49                              | Steam Supply          | 4961         | 10             |            |   | 1.483                             | 10909       |              | 43633       | 1.50        | 8.2         |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   | 1.483                             | 17680       |              | 73079       | 1.49        |             |               |             |               |             |            |               |             |              |              |                |              |             |

\*Employment  
\*\*Growth Factor

Table 3.4-5  
Industrial Point Source Fuel Use

A. County Fulton  
B. Year 1980  
C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|------------|------------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>%S | (11)<br>%A | (12)<br>R OIL | (13)<br>%S | (14)<br>D OIL | (15)<br>%S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
| 91 (Civil)                      | U.S. Prison           | 9100         | 13             |            |   | 1.672                             | 970         |              |             |            |            |               |            |               |            | 970        |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   | 1.672                             | 970         |              |             |            |            |               |            |               |            | 970        |               |             |              |              |                |              |             |

\*Employment  
\*\*Growth Factor

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1980  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 32                              | Mineral Wool Company  | 3296           | 16             |            |   |                                              | 9     |                     | 1     |        | 9     |        |       |                      |       |
| 32                              | Mineral Wool Company  | 3296           | 16             |            |   |                                              | 9     |                     | 1     |        | 9     |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 | COUNTY TOTAL          |                |                |            |   |                                              | 18    |                     | 2     |        | 18    |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1980  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 33                              | Steel Works Company   | 3312           | 11             |            |   |                                              | 6     |                     | 38    |        | 1     |        |       |                      |       |
| 33                              | Steel Works Company   | 3312           | 11             |            |   |                                              | 5     |                     | 1     |        | 6     |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 | COUNTY TOTAL          |                |                |            |   |                                              | 11    |                     | 39    |        | 7     |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1980  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 49                              | Steam Supply          | 4961           | 12             |            |   |                                              | 2269  |                     | 665   |        | 12    |        |       |                      |       |
| 49                              | Steam Supply          | 4961           | 10             |            |   |                                              | 2862  |                     | 1244  |        | 22    |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 | COUNTY TOTAL          |                |                |            |   |                                              | 5131  |                     | 1909  |        | 34    |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1980  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 91 (Civil)                      | U. S. Prison          | 9100           | 13             |            |   |                                              | 8     |                     | 2     |        | 8     |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 | COUNTY TOTAL          |                |                |            |   |                                              | 8     |                     | 2     |        | 8     |        |       |                      |       |

Table 3.4-6

## Industrial Point and New Source Energy Demand by Process Category

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Baseline Year<br>Existing Point Sources |              | Forecast Year - All Sources |             |              | Forecast Year<br>Existing Point Sources |              | Forecast Year<br>New Sources |               |
|---------------------------------------|-----------------------------------------|--------------|-----------------------------|-------------|--------------|-----------------------------------------|--------------|------------------------------|---------------|
|                                       | (2)<br>MBTU                             | (3)<br>Emp.* | (4)<br>GF**                 | (5)<br>MBTU | (6)<br>Emp.* | (7)<br>MBTU                             | (8)<br>Emp.* | (9)<br>MBTU                  | (10)<br>Emp.* |
| 32                                    | 1471                                    |              | 1.630                       | 2398        |              | 1473                                    |              | 925                          |               |
| 33                                    | 484                                     |              | 1.348                       | 652         |              | 652                                     |              | 0                            |               |
| 49                                    | 11922                                   |              | 1.483                       | 17680       |              | 15946                                   |              | 1734                         |               |
| 91                                    | 580                                     |              | 1.672                       | 970         |              | 941                                     |              | 29                           |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
| Power Generation                      |                                         |              |                             |             |              |                                         |              |                              |               |
| Industrial Area                       |                                         |              |                             |             |              |                                         |              |                              |               |
| D. COUNTY TOTAL                       | 14457                                   |              |                             | 21700       |              | 19012                                   |              | 2688                         |               |

\*Employment  
 \*\*Growth Factor

Table 3.4-7

## Industrial New Source Fuel Use By Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.*<br>(2) | Point<br>Source<br>Emp.*<br>(3) | New<br>Source<br>Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |           |               |             |               |             |            |               |             |              |              |                |              |             |  |
|---------------------------------------|-----------------------|---------------------------------|-------------------------------|--------------|-----------------------------------|-------------|------------|-----------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                       |                       |                                 |                               |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>TA | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 49                                    |                       |                                 |                               |              | 0                                 | 0           |            |           |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Power<br>Generation                   |                       |                                 |                               |              |                                   |             |            |           |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial<br>Area                    |                       |                                 |                               |              |                                   |             |            |           |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                      |                       |                                 |                               |              | 0                                 | 0           |            |           |               |             |               |             |            |               |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1980  
 D. Allocation Order 3

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|-----------|-----------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>%S | (9)<br>%A | (10)<br>R OIL | (11)<br>%S | (12)<br>D OIL | (13)<br>%S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 33                                 |                    |                           |                         |              | 0                                 |             |           |           | 0             |            |               |            | 0          |               |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |           |           |               |            |               |            |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 0                                 |             |           |           | 0             |            |               |            | 0          |               |             |              |              |                |              |             |  |

\*Employment

\*\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$  This value may be obtained from Table 3.4-3.

Table 3.4-7

## Industrial New Source Fuel Use By Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Total<br>Emp.*<br>(2) | Point<br>Source<br>Emp.*<br>(3) | New<br>Source<br>Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |             |             |               |              |               |              |            |               |             |              |              |                |              |             |  |
|---------------------------------------|-----------------------|---------------------------------|-------------------------------|--------------|-----------------------------------|-------------|-------------|-------------|---------------|--------------|---------------|--------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                       |                       |                                 |                               |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$/S | (9)<br>\$/A | (10)<br>R OIL | (11)<br>\$/S | (12)<br>D OIL | (13)<br>\$/S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 49                                    |                       |                                 |                               |              | 1734                              | 5815        | 1.48        | 12.0        |               |              |               |              |            |               |             |              |              |                |              |             |  |
| Power<br>Generation                   |                       |                                 |                               |              |                                   |             |             |             |               |              |               |              |            |               |             |              |              |                |              |             |  |
| Industrial<br>Area                    |                       |                                 |                               |              |                                   |             |             |             |               |              |               |              |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                      |                       |                                 |                               |              | 1734                              | 5815        | 1.48        | 12.0        |               |              |               |              |            |               |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1980  
 D. Allocation Order 3

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|------------|------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>\$A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 91 (Civil)                         |                    |                           |                         |              | 29                                |             |            |            |               |             |               |             | 29         |               |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 29                                |             |            |            |               |             |               |             | 29         |               |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1980  
 D. Allocation Order 3

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|------------|------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>\$A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 32                                 |                    |                           |                         |              | 925                               |             |            |            |               |             |               |             | 1282       |               |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 925                               |             |            |            |               |             |               |             | 1282       |               |             |              |              |                |              |             |  |

\*Employment

\*\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$  This value may be obtained from Table 3.4-3.

Table 3.4-7a (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                       | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                       | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 49                                    |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                      |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                       |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                       |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1980  
 D. Allocation Order 3

| Industrial<br>Process Category<br>(1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                       | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                       | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 33                                    |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                      |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                       |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                       |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

\*When following an Order 1 allocation procedure, only the "Industrial Area" row of this table will be used.

Table 3.4-7a (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1980  
 D. Allocation Order 3

| Industrial Process Category (1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                 | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                 | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 49                              |                                | 558   |                     | 163   |          | 3     |          |       |                     |       |
| Power Generation                |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                 |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                 |                                | 558   |                     | 163   |          | 3     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1980  
 D. Allocation Order 3

| Industrial Process Category (1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                 | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                 | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 91 (Civil)                      |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                 |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                 |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1980  
 D. Allocation Order 3

| Industrial Process Category (1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                 | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                 | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 32                              |                                | 11    |                     | 1     |          | 11    |          |       |                     |       |
| Power Generation                |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                 |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                 |                                | 11    |                     | 1     |          | 11    |          |       |                     |       |

\*When following an Order 1 allocation procedure, only the "Industrial Area" row of this table will be used.

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 10  
 C. Year 1980  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49           | 1                        |              | 2862         | 1244                   | 22        |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2862            | 1244                    | 22         |            |                         |
| COUNTY TOTAL |                          |              | 2862         | 1244                   | 22        |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 2862            | 1244                    | 22         |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 11  
 C. Year 1980  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 33           | 2                        |              | 11           | 39                     | 7         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 11              | 39                      | 7          |            |                         |
| COUNTY TOTAL |                          |              | 11           | 39                     | 7         |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 11              | 39                      | 7          |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 12  
 C. Year 1980  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49           | 1                        |              | 2269         | 665                    | 12        |           |                        |                      | 558           | 163                     | 3          |            |                         |               | 2827            | 828                     | 15         |            |                         |
| COUNTY TOTAL |                          |              | 2269         | 665                    | 12        |           |                        |                      | 558           | 163                     | 3          |            |                         |               | 2827            | 828                     | 15         |            |                         |

\*Employment

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 13  
 C. Year 1980  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Imp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 91 (Civil)   | 1                        |              | 8            | 2                      | 8         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 8             | 2                       | 8          |            |                         |
| COUNTY TOTAL |                          |              | 8            | 2                      | 8         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 8             | 2                       | 8          |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 16  
 C. Year 1980  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Imp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 32           | 2                        |              | 18           | 2                      | 18        |           |                        |                      | 11            | 1                       | 11         |            |                         |                 | 29            | 3                       | 29         |            |                         |
| COUNTY TOTAL |                          |              | 18           | 2                      | 18        |           |                        |                      | 11            | 1                       | 11         |            |                         |                 | 29            | 3                       | 29         |            |                         |

\*Employment

Table 3.4-5

## Industrial Point Source Fuel Use

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|-------------|-------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>\$S | (11)<br>\$A | (12)<br>R OIL | (13)<br>\$S | (14)<br>D OIL | (15)<br>\$S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
| 32                              | Mineral Wool          | 3296         | 16             |            |   | 1.934                             | 2071        |              |             |             |             |               |             |               |             | 1972       |               |             |              |              |                |              |             |
| 32                              | Mineral Wool          | 3296         | 16             |            |   | 1.934                             | 774         |              |             |             |             |               |             |               |             | 1973       |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   | 1.934                             | 2845        |              |             |             |             |               |             |               |             | 3945       |               |             |              |              |                |              |             |

Table 3.4-5

## Industrial Point Source Fuel Use

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|-------------|-------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>\$S | (11)<br>\$A | (12)<br>R OIL | (13)<br>\$S | (14)<br>D OIL | (15)<br>\$S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
| 33                              | Steel Works Co.       | 3312         | 11             |            |   | 1.590                             | 86          |              |             |             |             | 572           | 1           |               |             |            |               |             |              |              |                |              |             |
| 33                              | Steel Works Co.       | 3312         | 11             |            |   | 1.590                             | 684         |              |             |             |             |               |             |               |             | 684        |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   | 1.590                             | 770         |              |             |             |             | 572           | 1           |               |             | 684        |               |             |              |              |                |              |             |

Table 3.4-5

## Industrial Point Source Fuel Use

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|-------------|-------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>\$S | (11)<br>\$A | (12)<br>R OIL | (13)<br>\$S | (14)<br>D OIL | (15)<br>\$S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
| 49                              | Steam Supply          | 4961         | 12             |            |   | 1.828                             | 8347        |              | 36297       | 1.48        | 12          |               |             |               |             |            |               |             |              |              |                |              |             |
| 49                              | Steam Supply          | 4961         | 10             |            |   | 1.828                             | 13446       |              | 53783       | 1.50        | 8.2         |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |             |             |               |             |               |             |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   | 1.838                             | 21793       |              | 90080       | 1.49        |             |               |             |               |             |            |               |             |              |              |                |              |             |

\*Employment

\*\*Growth Factor

Table 3.4-5  
Industrial Point Source Fuel Use

A. County Fulton  
B. Year 1985  
C. Allocation Order 3

| (1)<br>Industrial<br>Proc. Cat. | Source Identification |              |                |            |   | Fuel Demand and Fuel Use Forecast |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|---------------------------------|-----------------------|--------------|----------------|------------|---|-----------------------------------|-------------|--------------|-------------|------------|------------|---------------|------------|---------------|------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|
|                                 | (2)<br>Name           | (3)<br>Proc. | (4)<br>Subarea | Coord. (5) |   | (6)<br>GF**                       | (7)<br>MBTU | (8)<br>Emp.* | (9)<br>COAL | (10)<br>%S | (11)<br>%A | (12)<br>R OIL | (13)<br>%S | (14)<br>D OIL | (15)<br>%S | (16)<br>NG | (17)<br>P GAS | (18)<br>LPG | (19)<br>COKE | (20)<br>WOOD | (21)<br>B-ASSE | (22)<br>DIES | (23)<br>GAS |
|                                 |                       |              |                | X          | Y |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
| 91 (Civil                       | U.S. Prison           | 9100         | 13             |            |   | 2.138                             | 1240        |              |             |            |            |               |            |               |            | 1240       |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 |                       |              |                |            |   |                                   |             |              |             |            |            |               |            |               |            |            |               |             |              |              |                |              |             |
|                                 | COUNTY TOTAL          |              |                |            |   | 2.138                             | 1240        |              |             |            |            |               |            |               |            | 1240       |               |             |              |              |                |              |             |

\*Employment  
\*\*Growth Factor

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1985  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 32                              | Mineral Wool Company  | 3296           | 16             |            |   |                                              | 12    |                     | 1     |        | 11    |        |       |                      |       |
| 32                              | Mineral Wool Company  | 3296           | 16             |            |   |                                              | 11    |                     | 2     |        | 12    |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 | COUNTY TOTAL          |                |                |            |   |                                              | 23    |                     | 3     |        | 23    |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1985  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 33                              | Steel Works Company   | 3312           | 11             |            |   |                                              | 7     |                     | 44    |        | 2     |        |       |                      |       |
| 33                              | Steel Works Company   | 3312           | 11             |            |   |                                              | 6     |                     | 2     |        | 6     |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 | COUNTY TOTAL          |                |                |            |   |                                              | 13    |                     | 46    |        | 8     |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1985  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| 49                              | Steam Supply          | 4961           | 12             |            |   |                                              | 2859  |                     | 837   |        | 15    |        |       |                      |       |
| 49                              | Steam Supply          | 4961           | 10             |            |   |                                              | 3528  |                     | 1534  |        | 27    |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              | 6387  |                     | 2371  |        | 42    |        |       |                      |       |

Table 3.4-5a (Cont. of 3.4-5)  
Industrial Point Source Fuel Combustion Emissions

A. County Fulton  
B. Year 1985  
C. Allocation Order 3

| Industrial<br>Proc. Cat.<br>(1) | Source Identification |                |                |            |   | Fuel Combustion Emissions Forecast (tons/yr) |       |                     |       |        |       |        |       |                      |       |
|---------------------------------|-----------------------|----------------|----------------|------------|---|----------------------------------------------|-------|---------------------|-------|--------|-------|--------|-------|----------------------|-------|
|                                 | (2)<br>Name           | (3)<br>Process | (4)<br>Subarea | Coord. (5) |   | Part. (6)                                    |       | SO <sub>x</sub> (7) |       | CO (8) |       | HC (9) |       | NO <sub>x</sub> (10) |       |
|                                 |                       |                |                | X          | Y | Cont.                                        | Emis. | Cont.               | Emis. | Cont.  | Emis. | Cont.  | Emis. | Cont.                | Emis. |
| Civil)                          | U. S. Prison          | 9100           | 13             |            |   |                                              | 11    |                     | 2     |        | 11    |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 |                       |                |                |            |   |                                              |       |                     |       |        |       |        |       |                      |       |
|                                 | COUNTY TOTAL          |                |                |            |   |                                              | 11    |                     | 2     |        | 11    |        |       |                      |       |

Table 3.4-6  
Industrial Point and New Source Energy Demand by Process Category

A. County Fulton  
B. Year 1985  
C. Allocation Order 3

| Industrial<br>Process Category<br>(1) | Baseline Year<br>Existing Point Sources |              | Forecast Year - All Sources |             |              | Forecast Year<br>Existing Point Sources |              | Forecast Year<br>New Sources |               |
|---------------------------------------|-----------------------------------------|--------------|-----------------------------|-------------|--------------|-----------------------------------------|--------------|------------------------------|---------------|
|                                       | (2)<br>MBTU                             | (3)<br>Emp.* | (4)<br>GF**                 | (5)<br>MBTU | (6)<br>Emp.* | (7)<br>MBTU                             | (8)<br>Emp.* | (9)<br>MBTU                  | (10)<br>Emp.* |
| 32                                    | 1471                                    |              | 1.934                       | 2845        |              | 1829                                    |              | 1016                         |               |
| 33                                    | 484                                     |              | 1.590                       | 770         |              | 770                                     |              | 0                            |               |
| 49                                    | 11922                                   |              | 1.828                       | 21793       |              | 19851                                   |              | 1942                         |               |
| 91                                    | 580                                     |              | 2.138                       | 1240        |              | 1193                                    |              | 47                           |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
|                                       |                                         |              |                             |             |              |                                         |              |                              |               |
| Power Generation                      |                                         |              |                             |             |              |                                         |              |                              |               |
| Industrial Area                       |                                         |              |                             |             |              |                                         |              |                              |               |
| D. COUNTY TOTAL                       | 14457                                   |              |                             | 26648       |              | 23643                                   |              | 3005                         |               |

\*Employment  
\*\*Growth Factor

Table 3.4-7

## Industrial New Source Fuel Use By Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1985  
 D. Allocation Order 3

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|------------|------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>\$A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 49                                 |                    |                           |                         |              | 0                                 | 0           |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 0                                 | 0           |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1985  
 D. Allocation Order 3

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|------------|------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>\$A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 33                                 |                    |                           |                         |              | 0                                 |             |            |            | 0             |             |               |             | 0          |               |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 0                                 |             |            |            | 0             |             |               |             | 0          |               |             |              |              |                |              |             |  |

\*Employment  
 \*\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$  This value may be obtained from Table 3.4-3.

Table 3.4-7

## Industrial New Source Fuel Use By Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1985  
 D. Allocation Order 5

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |             |             |               |              |               |              |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|-------------|-------------|---------------|--------------|---------------|--------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$/S | (9)<br>\$/A | (10)<br>R OIL | (11)<br>\$/S | (12)<br>D OIL | (13)<br>\$/S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 49                                 |                    |                           |                         |              | 1942                              | 6512        | 1.48        | 12.0        |               |              |               |              |            |               |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |             |             |               |              |               |              |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |             |             |               |              |               |              |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 1942                              | 6512        | 1.48        | 12.0        |               |              |               |              |            |               |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1985  
 D. Allocation Order 3

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|------------|------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>\$A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 91 (Civil)                         |                    |                           |                         |              | 47                                |             |            |            |               |             |               |             |            | 47            |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 47                                |             |            |            |               |             |               |             |            | 47            |             |              |              |                |              |             |  |

Table 3.4-7

## Industrial New Source Fuel Use by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1985  
 D. Allocation Order 3

| Industrial Process Category<br>(1) | Total Emp.*<br>(2) | Point Source Emp.*<br>(3) | New Source Emp.*<br>(4) | EAP**<br>(5) | Fuel Demand and Fuel Use Forecast |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
|------------------------------------|--------------------|---------------------------|-------------------------|--------------|-----------------------------------|-------------|------------|------------|---------------|-------------|---------------|-------------|------------|---------------|-------------|--------------|--------------|----------------|--------------|-------------|--|
|                                    |                    |                           |                         |              | (6)<br>MBTU                       | (7)<br>COAL | (8)<br>\$S | (9)<br>\$A | (10)<br>R OIL | (11)<br>\$S | (12)<br>D OIL | (13)<br>\$S | (14)<br>NG | (15)<br>P GAS | (16)<br>LPG | (17)<br>COKE | (18)<br>WOOD | (19)<br>B-ASSE | (20)<br>DIES | (21)<br>GAS |  |
| 32                                 |                    |                           |                         |              | 1016                              |             |            |            |               |             |               |             | 1408       |               |             |              |              |                |              |             |  |
| Power Generation                   |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| Industrial Area                    |                    |                           |                         |              |                                   |             |            |            |               |             |               |             |            |               |             |              |              |                |              |             |  |
| E. SUBAREA TOTAL                   |                    |                           |                         |              | 1016                              |             |            |            |               |             |               |             | 1408       |               |             |              |              |                |              |             |  |

\*Employment

\*\*Employment Allocation Proportion =  $\frac{\text{Subarea Category New Source Employment}}{\text{Total Category New Source Employment}}$  This value may be obtained from Table 3.4-3.

Table 3.4-7a (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 10  
 C. Year 1985  
 D. Allocation Order 3

| Industrial Process Category (1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                 | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                 | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 49                              |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                 |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                 |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 11  
 C. Year 1985  
 D. Allocation Order 3

| Industrial Process Category (1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                 | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                 | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 33                              |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                 |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                 |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

\*When following an Order 1 allocation procedure, only the "Industrial Area" row of this table will be used.

Table 3.4-7a (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 12  
 C. Year 1985  
 D. Allocation Order 3

| Industrial Process Category (1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                 | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                 | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 49                              |                                | 625   |                     | 183   |          | 3     |          |       |                     |       |
| Power Generation                |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                 |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                 |                                | 625   |                     | 183   |          | 3     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 13  
 C. Year 1985  
 D. Allocation Order 3

| Industrial Process Category (1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                 | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                 | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 91 (Civil)                      |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |
| Power Generation                |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                 |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                 |                                | 0     |                     | 0     |          | 0     |          |       |                     |       |

Table 3.4-7A (Cont. of 3.4-7)

## Industrial New Source Fuel Combustion Emissions by Process Category and Subarea

A. County Fulton  
 B. Subarea 16  
 C. Year 1985  
 D. Allocation Order 3

| Industrial Process Category (1) | New Source Emissions (tons/yr) |       |                     |       |          |       |          |       |                     |       |
|---------------------------------|--------------------------------|-------|---------------------|-------|----------|-------|----------|-------|---------------------|-------|
|                                 | Part. (2)                      |       | SO <sub>x</sub> (3) |       | CO (4)   |       | HC (5)   |       | NO <sub>x</sub> (6) |       |
|                                 | Controls                       | Emis. | Controls            | Emis. | Controls | Emis. | Controls | Emis. | Controls            | Emis. |
| 32                              |                                | 12    |                     | 1     |          | 12    |          |       |                     |       |
| Power Generation                |                                |       |                     |       |          |       |          |       |                     |       |
| Industrial Area                 |                                |       |                     |       |          |       |          |       |                     |       |
| E. COUNTY TOTAL                 |                                | 12    |                     | 1     |          | 12    |          |       |                     |       |

\*When following an Order 1 allocation procedure, only the "Industrial Area" row of this table will be used.

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 10  
 C. Year 1985  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49           | 1                        |              | 3528         | 1534                   | 27        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 3528          | 1534                    | 27         |            |                         |
| COUNTY TOTAL |                          |              | 3528         | 1534                   | 27        |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 3528          | 1534                    | 27         |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 11  
 C. Year 1985  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 33           | 2                        |              | 13           | 46                     | 8         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 13            | 46                      | 8          |            |                         |
| COUNTY TOTAL |                          |              | 13           | 46                     | 8         |           |                        |                      | 0             | 0                       | 0          |            |                         |                 | 13            | 46                      | 8          |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 12  
 C. Year 1985  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         | Total Emissions |               |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|-----------------|---------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.*   | (16)<br>Part. | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 49           | 1                        |              | 2859         | 837                    | 15        |           |                        |                      | 625           | 183                     | 3          |            |                         |                 | 3484          | 1020                    | 18         |            |                         |
| COUNTY TOTAL |                          |              | 2859         | 837                    | 15        |           |                        |                      | 625           | 183                     | 3          |            |                         |                 | 3484          | 1020                    | 18         |            |                         |

\*Employment

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 13  
 C. Year 1985  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 91 (Civil)   | 1                        |              | 11           | 2                      | 11        |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 11              | 2                       | 11         |            |                         |
| COUNTY TOTAL |                          |              | 11           | 2                      | 11        |           |                        |                      | 0             | 0                       | 0          |            |                         |               | 11              | 2                       | 11         |            |                         |

Table 3.4-8

## Industrial Point and New Source Fuel Combustion Emissions - Subarea Summary

A. County Fulton  
 B. Subarea 16  
 C. Year 1985  
 D. Allocation Order 3

| Subarea      | Point Source Emissions   |              |              |                        |           |           |                        | New Source Emissions |               |                         |            |            |                         |               | Total Emissions |                         |            |            |                         |
|--------------|--------------------------|--------------|--------------|------------------------|-----------|-----------|------------------------|----------------------|---------------|-------------------------|------------|------------|-------------------------|---------------|-----------------|-------------------------|------------|------------|-------------------------|
| (1)          | (2)<br>No. of<br>Sources | (3)<br>Emp.* | (4)<br>Part. | (5)<br>SO <sub>x</sub> | (6)<br>CO | (7)<br>HC | (8)<br>NO <sub>x</sub> | (9)<br>Emp.*         | (10)<br>Part. | (11)<br>SO <sub>x</sub> | (12)<br>CO | (13)<br>HC | (14)<br>NO <sub>x</sub> | (15)<br>Emp.* | (16)<br>Part.   | (17)<br>SO <sub>x</sub> | (18)<br>CO | (19)<br>HC | (20)<br>NO <sub>x</sub> |
| 32           | 2                        |              | 23           | 3                      | 23        |           |                        |                      | 12            | 1                       | 12         |            |                         |               | 35              | 4                       | 35         |            |                         |
| COUNTY TOTAL |                          |              | 23           | 3                      | 23        |           |                        |                      | 12            | 1                       | 12         |            |                         |               | 35              | 4                       | 35         |            |                         |

\*Employment

## B.2.5 Solid Waste Incineration Emissions

### ALLOCATION PROCEDURE

#### Order 1

Allocate solid waste quantity by population and by industrial employment.

#### Order 2

Allocate solid waste quantity by population and by commercial/institutional and industrial employment.

#### Order 3

Determine solid waste quantity in each subarea.

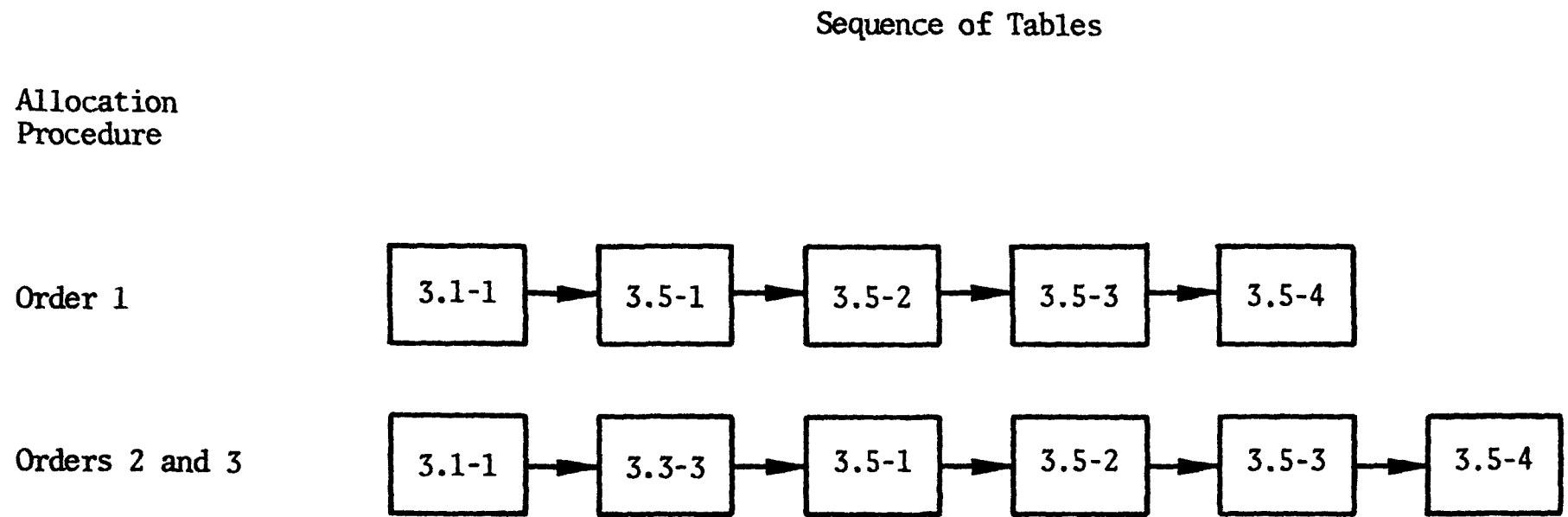


Fig. 3.5-1 Solid Waste Disposal Allocation Sequence

ASSUMPTION AND LIMITATIONS OF THE EXAMPLE  
FOR SOLID WASTE INCINERATION EMISSIONS

- A. All demographic and land use projections developed in forecasting commercial/institutional and industrial emissions were directly applied to the analysis of solid waste incineration emissions.
- B. Emissions from residential incineration have been deleted from this sub-county analysis because residential solid waste incineration was not treated in the Atlanta Air Pollutant Emission Inventory (October, 1969), which was used as a substitute for county-wide estimates of refuse disposal that would normally be obtained from the analysis prescribed in Volume 7 of the Guidelines. Since residential incineration is generally considered to account for only a minor portion of the emissions from open burning, it was reasoned that excluding this component would not lead to significant underprediction of emissions from incineration sources.
- C. The commercial/institutional and industrial land use allocation proportions derived from the assumptions specified in previous sections of this appendix have been applied directly to this analysis of solid waste emissions from these sources. To make the commercial/institutional and industrial subarea designations compatible, super districts 16, 18 and 19, which were treated separately for industrial sources, have been aggregated and treated as the residual for this analysis.

Table 3.1-1

## Population-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 1

| (1)<br>Subareas       | (2)<br>Population | (3)<br>Allocation Proportion |
|-----------------------|-------------------|------------------------------|
| Atlanta               | 455,140           | .749                         |
| Fairburn              | 3,143             | .005                         |
| Hapeville             | 9,567             | .016                         |
| Rosswell              | 5,430             | .009                         |
| Union City            | 3,031             | .005                         |
| East Point            | 39,315            | .065                         |
| College Park          | 12,305            | .020                         |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
| SUBAREA TOTAL         | 527,931           | .869                         |
| Residual <sup>1</sup> | 79,661            | .131                         |
| D. COUNTY TOTAL       | 607,592           | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the population accounted for by all specified subcounty areas.

$$RP = TPOP - \sum_{i=1}^N POP_i$$

where: RP = Residual population not accounted for by specified subareas  
 TPOP = COUNTY TOTAL (row D, column [2])  
 POP<sub>i</sub> = Population in each specified subcounty area i.

Table 3.3-3

Commercial/Institutional Employment-Based  
Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 2

| (1)             | (2)                                        | (3)                   |
|-----------------|--------------------------------------------|-----------------------|
| Subarea         | Commercial/<br>Institutional<br>Employment | Allocation Proportion |
| 10 - CBD        | 41,877                                     | .247                  |
| 11 - Northeast  | 37,957                                     | .224                  |
| 12 - Northwest  | 21,211                                     | .125                  |
| 13 - Southeast  | 18,619                                     | .110                  |
| 14 - Southwest  | 14,800                                     | .087                  |
| 15 - Tri-Cities | 16,511                                     | .097                  |
| 17 - Buckhead   | 13,798                                     | .081                  |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
| SUBAREA TOTAL   | 164,773                                    | .971                  |
| Residual        | 4,858                                      | .029                  |
| D. COUNTY TOTAL | 169,631                                    | 1.0                   |

Table 3.5-1  
Manufacturing Employment-Based  
Allocation Proportions for Subcounty Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 2

| (1)<br>Subareas | (2)<br>Industrial<br>Land Use | (3)<br>Allocation Proportion |
|-----------------|-------------------------------|------------------------------|
| 10 - CBD        | 133                           | .022                         |
| 11 - Northeast  | 795                           | .132                         |
| 12 - Northwest  | 1,665                         | .276                         |
| 13 - Southeast  | 1,137                         | .188                         |
| 14 - Southwest  | 930                           | .154                         |
| 15 - Tri-Cities | 825                           | .136                         |
| 17 - Buckhead   | 125                           | .021                         |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
| SUBAREA TOTAL   | 5,610                         | .930                         |
| Residual        | 425                           | .071                         |
| D. COUNTY TOTAL | 6,035                         | 1.0                          |

Table 3.5-2

## Annual Solid Waste Incineration

A. County Fulton  
 B. Year 1970  
 C. Allocation Order 2

| (1)<br>Subareas  | Annual Solid Waste Incineration by Source<br>(Tons/yr) |                        |                          |                        |                          |                        |
|------------------|--------------------------------------------------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|
|                  | Residential                                            |                        | Commercial/Institutional |                        | Industrial               |                        |
|                  | (2)<br>On-Site<br>Incin.                               | (3)<br>Open<br>Burning | (4)<br>On-Site<br>Incin. | (5)<br>Open<br>Burning | (6)<br>On-Site<br>Incin. | (7)<br>Open<br>Burning |
| 10 - CBD         |                                                        |                        | 35,000                   | 12,250                 | 1,283                    | 6,609                  |
| 11 - Northeast   |                                                        |                        | 31,741                   | 11,109                 | 7,696                    | 39,653                 |
| 12 - Northwest   |                                                        |                        | 17,712                   | 6,199                  | 16,091                   | 82,912                 |
| 13 - Southeast   |                                                        |                        | 15,587                   | 5,456                  | 10,960                   | 56,476                 |
| 14 - Southwest   |                                                        |                        | 12,328                   | 4,315                  | 8,978                    | 46,262                 |
| 15 - Tri-Cities  |                                                        |                        | 13,745                   | 4,811                  | 7,929                    | 40,855                 |
| 17 - Buckhead    |                                                        |                        | 11,477                   | 4,017                  | 1,224                    | 6,309                  |
|                  |                                                        |                        |                          |                        |                          |                        |
|                  |                                                        |                        |                          |                        |                          |                        |
|                  |                                                        |                        |                          |                        |                          |                        |
|                  |                                                        |                        |                          |                        |                          |                        |
|                  |                                                        |                        |                          |                        |                          |                        |
|                  |                                                        |                        |                          |                        |                          |                        |
|                  |                                                        |                        |                          |                        |                          |                        |
|                  |                                                        |                        |                          |                        |                          |                        |
| SUBAREA TOTAL    |                                                        |                        | 137,591                  | 48,157                 | 54,161                   | 279,076                |
| Residual         |                                                        |                        | 4,109                    | 1,438                  | 4,139                    | 21,329                 |
| D. COUNTY TOTAL* |                                                        |                        | 141,700                  | 49,595                 | 58,300                   | 300,405                |

\*1968 Data

Table 3.5-3

## Solid Waste Incineration Emission Factors

| (1)                          |                      | Emission Factors |                        |              |             |                          |
|------------------------------|----------------------|------------------|------------------------|--------------|-------------|--------------------------|
|                              |                      | (2)<br>Part.     | (3)<br>SO <sub>x</sub> | (4)<br>CO    | (5)<br>HC * | (6)<br>NO <sub>x</sub> * |
| Residential                  | On-Site Incineration |                  |                        |              |             |                          |
|                              | Open Burning         |                  |                        |              |             |                          |
| Commercial/<br>Institutional | On-Site Incineration | 7<br>lb/ton      | 2.5<br>lb/ton          | 10<br>lb/ton |             |                          |
|                              | Open Burning         | 37<br>lb/ton     | 2.5<br>lb/ton          | NA           |             |                          |
| Industrial                   | On-Site Incineration | 7<br>lb/ton      | 2.5<br>lb/ton          | 10<br>lb/ton |             |                          |
|                              | Open Burning         | 37<br>lb/ton     | 2.5<br>lb/ton          | NA           |             |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Table 3.5-4  
Solid Waste Incineration Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1970  
C. Allocation Order 2

| (1)<br>Sub-areas | Emissions<br>(tons/yr) |                        |           |           |                        |
|------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                  | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 10 - CBD         | 485                    | 69                     | 181       |           |                        |
| 11 - Northeast   | 1,103                  | 113                    | 197       |           |                        |
| 12 - Northwest   | 1,811                  | 154                    | 169       |           |                        |
| 13 - Southeast   | 1,270                  | 110                    | 133       |           |                        |
| 14 - Southwest   | 1,036                  | 90                     | 107       |           |                        |
| 15 - Tri-Cities  | 943                    | 84                     | 108       |           |                        |
| 17 - Buckhead    | 241                    | 29                     | 64        |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
| SUBAREA TOTAL    | 6,889                  | 649                    | 959       |           |                        |
| Residual         | 461                    | 39                     | 41        |           |                        |
| D. COUNTY TOTAL  | 7,350                  | 688                    | 1,000     |           |                        |

Table 3.1-1

## Population-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 1

| (1)<br>Subareas       | (2)<br>Population | (3)<br>Allocation Proportion |
|-----------------------|-------------------|------------------------------|
| Atlanta               | 441,486           | .692                         |
| Fairburn              | 4,620             | .007                         |
| Hapeville             | 9,758             | .015                         |
| Rosswell              | 8,905             | .013                         |
| Union City            | 6,062             | .008                         |
| East Point            | 43,640            | .068                         |
| College Park          | 17,473            | .027                         |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
| SUBAREA TOTAL         | 531,944           | .830                         |
| Residual <sup>1</sup> | 106,028           | .17                          |
| D. COUNTY TOTAL       | 637,972           | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the population accounted for by all specified subcounty areas.

$$RP = TPOP - \sum_{i=1}^N POP_i$$

where: RP = Residual population not accounted for by specified subareas  
 TPOP = COUNTY TOTAL (row D, column [2])  
 POP<sub>i</sub> = Population in each specified subcounty area i.

Table 3.3-3

Commercial/Institutional Employment-Based  
Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1975  
 C. Allocation Order 2

| (1)             | (2)                                        | (3)                   |
|-----------------|--------------------------------------------|-----------------------|
| Subarea         | Commercial/<br>Institutional<br>Employment | Allocation Proportion |
| 10 - CBD        | 45,091                                     | .241                  |
| 11 - Northeast  | 38,150                                     | .203                  |
| 12 - Northwest  | 23,736                                     | .127                  |
| 13 - Southeast  | 19,641                                     | .105                  |
| 14 - Southwest  | 16,064                                     | .086                  |
| 15 - Tri-Cities | 18,151                                     | .097                  |
| 17 - Buckhead   | 15,801                                     | .084                  |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
| SUBAREA TOTAL   | 176,634                                    | .943                  |
| Residual        | 10,664                                     | .057                  |
| D. COUNTY TOTAL | 187,298                                    | 1.0                   |

Table 3.5-1  
Manufacturing Employment-Based  
Allocation Proportions for Subcounty Areas

A. County Fulton  
B. Year 1975  
C. Allocation Order 2

| (1)<br>Subareas | (2)<br>Industrial<br>Land Use | (3)<br>Allocation Proportion |
|-----------------|-------------------------------|------------------------------|
| 10 - CBD        | 132                           | .020                         |
| 11 - Northeast  | 735                           | .113                         |
| 12 - Northwest  | 1,759                         | .270                         |
| 13 - Southeast  | 1,151                         | .177                         |
| 14 - Southwest  | 1,006                         | .155                         |
| 15 - Tri-Cities | 846                           | .130                         |
| 17 - Buckhead   | 146                           | .022                         |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
| SUBAREA TOTAL   | 5,775                         | .887                         |
| Residual        | 734                           | .113                         |
| D. COUNTY TOTAL | 6,509                         | 1.0                          |

## Annual Solid Waste Incineration

| (1)<br>Subareas        | Annual Solid Waste Incineration by Source<br>(Tons/yr) |                        |                          |                        |                          |                        |
|------------------------|--------------------------------------------------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|
|                        | Residential                                            |                        | Commercial/Institutional |                        | Industrial               |                        |
|                        | (2)<br>On-Site<br>Incin.                               | (3)<br>Open<br>Burning | (4)<br>On-Site<br>Incin. | (5)<br>Open<br>Burning | (6)<br>On-Site<br>Incin. | (7)<br>Open<br>Burning |
| 10 - CBD               |                                                        |                        | 37,706                   | 13,197                 | 1,258                    | 6,480                  |
| 11 - Northeast         |                                                        |                        | 31,761                   | 11,116                 | 7,105                    | 36,610                 |
| 12 - Northwest         |                                                        |                        | 19,870                   | 6,955                  | 16,977                   | 87,476                 |
| 13 - Southeast         |                                                        |                        | 16,428                   | 5,750                  | 11,129                   | 57,346                 |
| 14 - Southwest         |                                                        |                        | 13,455                   | 4,709                  | 9,746                    | 50,218                 |
| 15 - Tri-Cities        |                                                        |                        | 15,176                   | 5,312                  | 8,174                    | 42,118                 |
| 17 - Buckhead          |                                                        |                        | 13,142                   | 4,600                  | 1,383                    | 7,128                  |
|                        |                                                        |                        |                          |                        |                          |                        |
|                        |                                                        |                        |                          |                        |                          |                        |
|                        |                                                        |                        |                          |                        |                          |                        |
|                        |                                                        |                        |                          |                        |                          |                        |
|                        |                                                        |                        |                          |                        |                          |                        |
|                        |                                                        |                        |                          |                        |                          |                        |
|                        |                                                        |                        |                          |                        |                          |                        |
|                        |                                                        |                        |                          |                        |                          |                        |
|                        |                                                        |                        |                          |                        |                          |                        |
| <b>SUBAREA TOTAL</b>   |                                                        |                        | 147,538                  | 51,639                 | 55,772                   | 287,376                |
| <b>Residual</b>        |                                                        |                        | 8,918                    | 3,121                  | 7,105                    | 36,611                 |
| <b>D. COUNTY TOTAL</b> |                                                        |                        | 156,458                  | 54,760                 | 62,877                   | 323,987                |

Table 3.5-3  
Solid Waste Incineration Emission Factors

|                              |                      | Emission Factors |                        |              |             |                          |
|------------------------------|----------------------|------------------|------------------------|--------------|-------------|--------------------------|
| (1)                          |                      | (2)<br>Part.     | (3)<br>SO <sub>x</sub> | (4)<br>CO    | (5)<br>HC * | (6)<br>NO <sub>x</sub> * |
| Residential                  | On-Site Incineration |                  |                        |              |             |                          |
|                              | Open Burning         |                  |                        |              |             |                          |
| Commercial/<br>Institutional | On-Site Incineration | 7<br>lb/ton      | 2.5<br>lb/ton          | 10<br>lb/ton |             |                          |
|                              | Open Burning         | 37<br>lb/ton     | 2.5<br>lb/ton          | NA           |             |                          |
| Industrial                   | On-Site Incineration | 7<br>lb/ton      | 2.5<br>lb/ton          | 10<br>lb/ton |             |                          |
|                              | Open Burning         | 37<br>lb/ton     | 2.5<br>lb/ton          | NA           |             |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

**Table 3.5-4**  
**Solid Waste Incineration Emissions**  
**Allocated to Subcounty Areas**

A. County Pulton  
 B. Year 1975  
 C. Allocation Order 2

| (1)<br>Sub-areas | Emissions<br>(tons/yr) |                        |           |           |                        |
|------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                  | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 10 - CBD         | 501                    | 73                     | 195       |           |                        |
| 11 - Northeast   | 1,019                  | 108                    | 194       |           |                        |
| 12 - Northwest   | 1,876                  | 164                    | 184       |           |                        |
| 13 - Southeast   | 1,264                  | 113                    | 138       |           |                        |
| 14 - Southwest   | 1,097                  | 98                     | 116       |           |                        |
| 15 - Tri-Cities  | 959                    | 89                     | 117       |           |                        |
| 17 - Buckhead    | 268                    | 33                     | 73        |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
| SUBAREA TOTAL    | 6,984                  | 678                    | 1,017     |           |                        |
| Residual         | 791                    | 70                     | 80        |           |                        |
| D. COUNTY TOTAL  | 7,775                  | 748                    | 1,097     |           |                        |

Table 3.1-1

## Population-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 1

| (1)<br>Subareas       | (2)<br>Population | (3)<br>Allocation Proportion |
|-----------------------|-------------------|------------------------------|
| Atlanta               | 422,915           | .631                         |
| Fairburn              | 6,839             | .010                         |
| Hapeville             | 10,021            | .015                         |
| Rosswell              | 14,682            | .022                         |
| Union City            | 12,733            | .019                         |
| East Point            | 48,226            | .072                         |
| College Park          | 24,565            | .037                         |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
| SUBAREA TOTAL         | 539,981           | .8060                        |
| Residual <sup>1</sup> | 129,964           | .194                         |
| D. COUNTY TOTAL       | 669,945           | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the population accounted for by all specified subcounty areas.

$$RP = TPOP - \sum_{i=1}^N POP_i$$

where: RP = Residual population not accounted for by specified subareas  
 TPOP = COUNTY TOTAL (row D, column [2])  
 POP<sub>i</sub> = Population in each specified subcounty area i.

Table 3.3-3

Commercial/Institutional Employment-Based  
Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 2

| (1)             | (2)                                        | (3)                   |
|-----------------|--------------------------------------------|-----------------------|
| Subarea         | Commercial/<br>Institutional<br>Employment | Allocation Proportion |
| 10 - CBD        | 48,305                                     | .236                  |
| 11 - Northeast  | 38,352                                     | .187                  |
| 12 - Northwest  | 26,261                                     | .128                  |
| 13 - Southeast  | 20,663                                     | .101                  |
| 14 - Southwest  | 17,329                                     | .085                  |
| 15 - Tri-Cities | 19,790                                     | .096                  |
| 17 - Buckhead   | 17,804                                     | .087                  |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
|                 |                                            |                       |
| SUBAREA TOTAL   | 188,494                                    | .920                  |
| Residual        | 16,470                                     | .080                  |
| D. COUNTY TOTAL | 204,964                                    | 1.0                   |

Table 3.5-1  
Manufacturing Employment-Based  
Allocation Proportions for Subcounty Areas

A. County Fulton  
B. Year 1980  
C. Allocation Order 2

| (1)<br>Subareas | (2)<br>Industrial<br>Land Use | (3)<br>Allocation Proportion |
|-----------------|-------------------------------|------------------------------|
| 10 - CBD        | 132                           | .019                         |
| 11 - Northeast  | 675                           | .097                         |
| 12 - Northwest  | 1,852                         | .265                         |
| 13 - Southeast  | 1,165                         | .167                         |
| 14 - Southwest  | 1,082                         | .155                         |
| 15 - Tri-Cities | 868                           | .124                         |
| 17 - Buckhead   | 167                           | .024                         |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
| SUBAREA TOTAL   | 5,941                         | .851                         |
| Residual        | 1,042                         | .149                         |
| D. COUNTY TOTAL | 6,983                         | 1.0                          |

Table 3.5-2

## Annual Solid Waste Incineration

A. County Fulton  
 B. Year 1980  
 C. Allocation Order 2

| (1)<br>Subareas | Annual Solid Waste Incineration by Source<br>(Tons/yr) |                        |                          |                        |                          |                        |
|-----------------|--------------------------------------------------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|
|                 | Residential                                            |                        | Commercial/Institutional |                        | Industrial               |                        |
|                 | (2)<br>On-Site<br>Incin.                               | (3)<br>Open<br>Burning | (4)<br>On-Site<br>Incin. | (5)<br>Open<br>Burning | (6)<br>On-Site<br>Incin. | (7)<br>Open<br>Burning |
| 10 - CBD        |                                                        |                        | 40,407                   | 14,142                 | 1,282                    | 6,605                  |
| 11 - Northeast  |                                                        |                        | 32,017                   | 11,206                 | 6,543                    | 33,717                 |
| 12 - Northwest  |                                                        |                        | 21,916                   | 7,670                  | 17,877                   | 92,114                 |
| 13 - Southeast  |                                                        |                        | 17,292                   | 6,052                  | 11,266                   | 58,049                 |
| 14 - Southwest  |                                                        |                        | 14,553                   | 5,094                  | 10,456                   | 53,878                 |
| 15 - Tri-Cities |                                                        |                        | 16,437                   | 5,753                  | 8,365                    | 43,102                 |
| 17 - Buckhead   |                                                        |                        | 14,896                   | 5,214                  | 1,619                    | 8,342                  |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
| SUBAREA TOTAL   |                                                        |                        | 157,518                  | 55,131                 | 57,408                   | 295,807                |
| Residual        |                                                        |                        | 13,697                   | 4,794                  | 10,051                   | 51,792                 |
| D. COUNTY TOTAL |                                                        |                        | 171,215                  | 59,925                 | 67,459                   | 347,599                |

Table 3.5-3

## Solid Waste Incineration Emission Factors

| (1)                          |                      | Emission Factors |                        |              |             |                          |
|------------------------------|----------------------|------------------|------------------------|--------------|-------------|--------------------------|
|                              |                      | (2)<br>Part.     | (3)<br>SO <sub>x</sub> | (4)<br>CO    | (5)<br>HC * | (6)<br>NO <sub>x</sub> * |
| Residential                  | On-Site Incineration |                  |                        |              |             |                          |
|                              | Open Burning         |                  |                        |              |             |                          |
| Commercial/<br>Institutional | On-Site Incineration | 7<br>lb/ton      | 2.5<br>lb/ton          | 10<br>lb/ton |             |                          |
|                              | Open Burning         | 37<br>lb/ton     | 2.5<br>lb/ton          | NA           |             |                          |
| Industrial                   | On-Site Incineration | 7<br>lb/ton      | 2.5<br>lb/ton          | 10<br>lb/ton |             |                          |
|                              | Open Burning         | 37<br>lb/ton     | 2.5<br>lb/ton          | NA           |             |                          |

\*These pollutants have been excluded from this analysis because they are to be treated on an AQCR basis.

Table 3.5-4  
Solid Waste Incineration Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1980  
C. Allocation Order 2

| (1)<br>Sub-areas | Emissions<br>(tons/yr) |                        |           |           |                        |
|------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                  | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 10 - CBD         | 529                    | 78                     | 208       |           |                        |
| 11 - Northeast   | 966                    | 104                    | 193       |           |                        |
| 12 - Northwest   | 1,985                  | 175                    | 199       |           |                        |
| 13 - Southeast   | 1,286                  | 116                    | 143       |           |                        |
| 14 - Southwest   | 1,179                  | 105                    | 125       |           |                        |
| 15 - Tri-Cities  | 991                    | 92                     | 124       |           |                        |
| 17 - Buckhead    | 308                    | 38                     | 82        |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
| SUBAREA TOTAL    | 7,244                  | 708                    | 1,074     |           |                        |
| Residual         | 1,130                  | 100                    | 119       |           |                        |
| D. COUNTY TOTAL  | 8,374                  | 808                    | 1,193     |           |                        |

Table 3.1-1

## Population-Based Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 1

| (1)<br>Subareas       | (2)<br>Population | (3)<br>Allocation Proportion |
|-----------------------|-------------------|------------------------------|
| Atlanta               | 439,832           | .581                         |
| Fairburn              | 9,096             | .012                         |
| Hapeville             | 9,821             | .013                         |
| Rosswell              | 19,380            | .026                         |
| Union City            | 16,298            | .022                         |
| East Point            | 47,940            | .063                         |
| College Park          | 26,039            | .034                         |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
|                       |                   |                              |
| SUBAREA TOTAL         | 568,406           | .751                         |
| Residual <sup>1</sup> | 188,632           | .249                         |
| D. COUNTY TOTAL       | 757,038           | 1.0                          |

<sup>1</sup> Residual is equal to the COUNTY TOTAL (row D, column [2]) minus the sum of the population accounted for by all specified subcounty areas.

$$RP = TPOP - \sum_{i=1}^N POP_i$$

where: RP = Residual population not accounted for by specified subareas  
 TPOP = COUNTY TOTAL (row D, column [2])  
 POP<sub>i</sub> = Population in each specified subcounty area i.

Table 3.3-3

Commercial/Institutional Employment-Based  
Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 2

| (1)<br>Subarea  | (2)<br>Commercial/<br>Institutional<br>Employment | (3)<br>Allocation Proportion |
|-----------------|---------------------------------------------------|------------------------------|
| 10 - CBD        | 50,925                                            | .224                         |
| 11 - Northeast  | 38,777                                            | .171                         |
| 12 - Northwest  | 29,249                                            | .129                         |
| 13 - Southeast  | 22,046                                            | .097                         |
| 14 - Southwest  | 20,149                                            | .089                         |
| 15 - Tri-Cities | 22,471                                            | .099                         |
| 17 - Buckhead   | 19,877                                            | .087                         |
|                 |                                                   |                              |
|                 |                                                   |                              |
|                 |                                                   |                              |
|                 |                                                   |                              |
|                 |                                                   |                              |
|                 |                                                   |                              |
|                 |                                                   |                              |
|                 |                                                   |                              |
|                 |                                                   |                              |
| SUBAREA TOTAL   | 203,494                                           | .896                         |
| Residual        | 23,505                                            | .104                         |
| D. COUNTY TOTAL | 226,999                                           | 1.0                          |

Table 3.5-1  
Manufacturing Employment-Based  
Allocation Proportions for Subcounty Areas

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 2

| (1)<br>Subareas | (2)<br>Industrial<br>Land Use | (3)<br>Allocation Proportion |
|-----------------|-------------------------------|------------------------------|
| 10 - CBD        | 131                           | .017                         |
| 11 - Northeast  | 707                           | .092                         |
| 12 - Northwest  | 1,956                         | .256                         |
| 13 - Southeast  | 1,198                         | .156                         |
| 14 - Southwest  | 1,182                         | .154                         |
| 15 - Tri-Cities | 912                           | .119                         |
| 17 - Buckhead   | 195                           | .026                         |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
|                 |                               |                              |
| SUBAREA TOTAL   | 6,281                         | .820                         |
| Residual        | 1,376                         | .180                         |
| D. COUNTY TOTAL | 7,657                         | 1.0                          |

Table 3.5-2

## Annual Solid Waste Incineration

A. County Fulton  
 B. Year 1985  
 C. Allocation Order 2

| (1)<br>Subareas | Annual Solid Waste Incineration by Source<br>(Tons/yr) |                        |                          |                        |                          |                        |
|-----------------|--------------------------------------------------------|------------------------|--------------------------|------------------------|--------------------------|------------------------|
|                 | Residential                                            |                        | Commercial/Institutional |                        | Industrial               |                        |
|                 | (2)<br>On-Site<br>Incin.                               | (3)<br>Open<br>Burning | (4)<br>On-Site<br>Incin. | (5)<br>Open<br>Burning | (6)<br>On-Site<br>Incin. | (7)<br>Open<br>Burning |
| 10 - CBD        |                                                        |                        | 42,475                   | 14,866                 | 1,258                    | 6,480                  |
| 11 - Northeast  |                                                        |                        | 32,425                   | 11,349                 | 6,805                    | 35,066                 |
| 12 - Northwest  |                                                        |                        | 24,461                   | 8,562                  | 18,937                   | 97,575                 |
| 13 - Southeast  |                                                        |                        | 18,393                   | 6,438                  | 11,539                   | 59,460                 |
| 14 - Southwest  |                                                        |                        | 16,877                   | 5,907                  | 11,392                   | 58,098                 |
| 15 - Tri-Cities |                                                        |                        | 18,773                   | 6,570                  | 8,802                    | 45,357                 |
| 17 - Buckhead   |                                                        |                        | 16,497                   | 5,774                  | 1,923                    | 9,910                  |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
|                 |                                                        |                        |                          |                        |                          |                        |
| SUBAREA TOTAL   |                                                        |                        | 169,901                  | 59,466                 | 60,656                   | 312,546                |
| Residual        |                                                        |                        | 19,721                   | 6,902                  | 13,315                   | 68,608                 |
| D. COUNTY TOTAL |                                                        |                        | 189,622                  | 66,368                 | 73,971                   | 381,154                |

Table 3.5-3

## Solid Waste Incineration Emission Factors

| (1)                          |                      | Emission Factors |                        |              |           |                        |
|------------------------------|----------------------|------------------|------------------------|--------------|-----------|------------------------|
|                              |                      | (2)<br>Part.     | (3)<br>SO <sub>x</sub> | (4)<br>CO    | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| Residential                  | On-Site Incineration |                  |                        |              |           |                        |
|                              | Open Burning         |                  |                        |              |           |                        |
| Commercial/<br>Institutional | On-Site Incineration | 7<br>lb/ton      | 2.5<br>lb/ton          | 10<br>lb/ton |           |                        |
|                              | Open Burning         | 37<br>lb/ton     | 2.5<br>lb/ton          | NA           |           |                        |
| Industrial                   | On-Site Incineration | 7<br>lb/ton      | 2.5<br>lb/ton          | 10<br>lb/ton |           |                        |
|                              | Open Burning         | 37<br>lb/ton     | 2.5<br>lb/ton          | NA           |           |                        |

Table 3.5-4  
Solid Waste Incineration Emissions  
Allocated to Subcounty Areas

A. County Fulton  
B. Year 1985  
C. Allocation Order 2

| (1)<br>Sub-areas | Emissions<br>(tons/yr) |                        |           |           |                        |
|------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                  | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 10 - CBD         | 548                    | 81                     | 219       |           |                        |
| 11 - Northeast   | 996                    | 107                    | 196       |           |                        |
| 12 - Northwest   | 2,115                  | 187                    | 217       |           |                        |
| 13 - Southeast   | 1,324                  | 120                    | 150       |           |                        |
| 14 - Southwest   | 1,294                  | 116                    | 141       |           |                        |
| 15 - Tri-Cities  | 1,058                  | 99                     | 138       |           |                        |
| 17 - Buckhead    | 355                    | 43                     | 92        |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
|                  |                        |                        |           |           |                        |
| SUBAREA TOTAL    | 7,690                  | 753                    | 1,153     |           |                        |
| Residual         | 1,512                  | 136                    | 165       |           |                        |
| D. COUNTY TOTAL  | 9,202                  | 889                    | 1,318     |           |                        |

### B.3 Master Gridding

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Residential, Transportation

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>39</sup> - 7 <sup>41</sup> | Atlanta                              |  | .003                                                |
| 37 <sup>39</sup> - 7 <sup>42</sup> |                                      |  | .003                                                |
| 37 <sup>38</sup> - 7 <sup>41</sup> |                                      |  | .003                                                |
| 37 <sup>38</sup> - 7 <sup>42</sup> |                                      |  | .003                                                |
| 37 <sup>37</sup> - 7 <sup>41</sup> |                                      |  | .003                                                |
| 37 <sup>37</sup> - 7 <sup>42</sup> |                                      |  | .003                                                |
| 37 <sup>36</sup> - 7 <sup>43</sup> |                                      |  | .013                                                |
| 37 <sup>44</sup> - 7 <sup>39</sup> |                                      |  | .174                                                |
| 37 <sup>42</sup> - 7 <sup>41</sup> |                                      |  | .013                                                |
| 37 <sup>42</sup> - 7 <sup>43</sup> |                                      |  | .013                                                |
| 37 <sup>42</sup> - 7 <sup>45</sup> |                                      |  | .005                                                |
| 37 <sup>40</sup> - 7 <sup>39</sup> |                                      |  | .013                                                |
| 37 <sup>40</sup> - 7 <sup>41</sup> |                                      |  | .013                                                |
| 37 <sup>40</sup> - 7 <sup>43</sup> |                                      |  | .013                                                |
| 37 <sup>40</sup> - 7 <sup>45</sup> |                                      |  | .005                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Residential, Transportation

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>38</sup> - 7 <sup>39</sup> | Atlanta                              | .013                                                |
| 37 <sup>38</sup> - 7 <sup>43</sup> |                                      | .013                                                |
| 37 <sup>38</sup> - 7 <sup>45</sup> |                                      | .005                                                |
| 37 <sup>36</sup> - 7 <sup>45</sup> |                                      | .005                                                |
| 37 <sup>44</sup> - 7 <sup>33</sup> |                                      | .005                                                |
| 37 <sup>44</sup> - 7 <sup>35</sup> |                                      | .045                                                |
| 37 <sup>42</sup> - 7 <sup>39</sup> |                                      | .013                                                |
| 37 <sup>40</sup> - 7 <sup>31</sup> |                                      | .048                                                |
| 37 <sup>40</sup> - 7 <sup>35</sup> |                                      | .054                                                |
| 37 <sup>36</sup> - 7 <sup>27</sup> |                                      | .016                                                |
| 37 <sup>38</sup> - 7 <sup>31</sup> |                                      | .013                                                |
| 37 <sup>38</sup> - 7 <sup>33</sup> |                                      | .013                                                |
| 37 <sup>38</sup> - 7 <sup>35</sup> |                                      | .013                                                |
| 37 <sup>38</sup> - 7 <sup>37</sup> |                                      | .013                                                |
|                                    |                                      |                                                     |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Residential, Transportation

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>36</sup> - 7 <sup>33</sup> | Atlanta                              | .013                                                |
| 37 <sup>36</sup> - 7 <sup>35</sup> |                                      | .013                                                |
| 37 <sup>36</sup> - 7 <sup>37</sup> |                                      | .013                                                |
| 37 <sup>37</sup> - 7 <sup>39</sup> |                                      | .003                                                |
| 37 <sup>37</sup> - 7 <sup>40</sup> |                                      | .003                                                |
| 37 <sup>36</sup> - 7 <sup>39</sup> |                                      | .003                                                |
| 37 <sup>36</sup> - 7 <sup>40</sup> |                                      | .003                                                |
| 37 <sup>36</sup> - 7 <sup>41</sup> |                                      | .003                                                |
| 37 <sup>36</sup> - 7 <sup>42</sup> |                                      | .003                                                |
| 37 <sup>34</sup> - 7 <sup>39</sup> |                                      | .013                                                |
| 37 <sup>34</sup> - 7 <sup>41</sup> |                                      | .013                                                |
| 37 <sup>34</sup> - 7 <sup>43</sup> |                                      | .013                                                |
| 37 <sup>34</sup> - 7 <sup>45</sup> |                                      | .005                                                |
| 37 <sup>34</sup> - 7 <sup>37</sup> |                                      | .013                                                |
| 37 <sup>32</sup> - 7 <sup>39</sup> |                                      | .009                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton

B. Subcounty Area Set Residential, Transportation

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>32</sup> - 7 <sup>41</sup> | Atlanta                              | .013                                                |
| 37 <sup>32</sup> - 7 <sup>43</sup> |                                      | .013                                                |
| 37 <sup>32</sup> - 7 <sup>45</sup> |                                      | .005                                                |
| 37 <sup>30</sup> - 7 <sup>39</sup> |                                      | .009                                                |
| 37 <sup>30</sup> - 7 <sup>41</sup> |                                      | .011                                                |
| 37 <sup>30</sup> - 7 <sup>43</sup> |                                      | .013                                                |
| 37 <sup>30</sup> - 7 <sup>45</sup> |                                      | .005                                                |
| 37 <sup>28</sup> - 7 <sup>41</sup> |                                      | .011                                                |
| 37 <sup>28</sup> - 7 <sup>43</sup> |                                      | .013                                                |
| 37 <sup>28</sup> - 7 <sup>45</sup> |                                      | .005                                                |
| 37 <sup>36</sup> - 7 <sup>31</sup> |                                      | .013                                                |
| 37 <sup>32</sup> - 7 <sup>27</sup> |                                      | .017                                                |
| 37 <sup>32</sup> - 7 <sup>31</sup> |                                      | .044                                                |
| 37 <sup>34</sup> - 7 <sup>35</sup> |                                      | .013                                                |
| 37 <sup>28</sup> - 7 <sup>27</sup> |                                      | .035                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton

B. Subcounty Area Set Residential, Transportation

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>30</sup> - 7 <sup>31</sup> | Atlanta                              | .013                                                |
| 37 <sup>48</sup> - 7 <sup>35</sup> |                                      | .031                                                |
| 37 <sup>24</sup> - 7 <sup>27</sup> |                                      | .007                                                |
| 37 <sup>30</sup> - 7 <sup>33</sup> |                                      | .007                                                |
| 37 <sup>30</sup> - 7 <sup>35</sup> |                                      | .003                                                |
| 37 <sup>30</sup> - 7 <sup>37</sup> |                                      | .003                                                |
| 37 <sup>28</sup> - 7 <sup>39</sup> |                                      | .008                                                |
| 37 <sup>26</sup> - 7 <sup>41</sup> |                                      | .010                                                |
| 37 <sup>26</sup> - 7 <sup>43</sup> |                                      | .013                                                |
| 37 <sup>26</sup> - 7 <sup>45</sup> |                                      | .005                                                |
| 37 <sup>10</sup> - 7 <sup>17</sup> | Fairburn                             | .563                                                |
| 37 <sup>10</sup> - 7 <sup>25</sup> | Fairburn                             | .219                                                |
| 37 <sup>18</sup> - 7 <sup>17</sup> | Fairburn                             | .156                                                |
| 37 <sup>18</sup> - 7 <sup>25</sup> | Fairburn                             | .062                                                |
| 37 <sup>28</sup> - 7 <sup>39</sup> | Hapeville                            | .250                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Residential, Transportation

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>26</sup> - 7 <sup>39</sup> | Hapeville                            | .350                                                |
| 37 <sup>26</sup> - 7 <sup>41</sup> | Hapeville                            | .300                                                |
| 37 <sup>28</sup> - 7 <sup>41</sup> | Hapeville                            | .100                                                |
| 37 <sup>64</sup> - 7 <sup>41</sup> | Rosswell                             | 1.00                                                |
| 37 <sup>18</sup> - 7 <sup>25</sup> | Union City                           | .742                                                |
| 37 <sup>10</sup> - 7 <sup>25</sup> | Union City                           | .258                                                |
| 37 <sup>24</sup> - 7 <sup>31</sup> | East Point                           | .060                                                |
| 37 <sup>24</sup> - 7 <sup>33</sup> |                                      | .020                                                |
| 37 <sup>26</sup> - 7 <sup>31</sup> |                                      | .090                                                |
| 37 <sup>26</sup> - 7 <sup>33</sup> |                                      | .090                                                |
| 37 <sup>28</sup> - 7 <sup>31</sup> |                                      | .020                                                |
| 37 <sup>28</sup> - 7 <sup>33</sup> |                                      | .110                                                |
| 37 <sup>28</sup> - 7 <sup>35</sup> |                                      | .110                                                |
| 37 <sup>28</sup> - 7 <sup>37</sup> |                                      | .110                                                |
| 37 <sup>28</sup> - 7 <sup>39</sup> |                                      | .050                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton

B. Subcounty Area Set Residential, Transportation

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>26</sup> - 7 <sup>37</sup> | East Point                           | .020                                                |
| 37 <sup>30</sup> - 7 <sup>33</sup> |                                      | .070                                                |
| 37 <sup>30</sup> - 7 <sup>35</sup> |                                      | .100                                                |
| 37 <sup>30</sup> - 7 <sup>37</sup> |                                      | .100                                                |
| 37 <sup>30</sup> - 7 <sup>39</sup> |                                      | .050                                                |
| 37 <sup>22</sup> - 7 <sup>33</sup> | College Park                         | .098                                                |
| 37 <sup>22</sup> - 7 <sup>35</sup> |                                      | .098                                                |
| 37 <sup>24</sup> - 7 <sup>33</sup> |                                      | .196                                                |
| 37 <sup>24</sup> - 7 <sup>35</sup> |                                      | .137                                                |
| 37 <sup>26</sup> - 7 <sup>33</sup> |                                      | .098                                                |
| 37 <sup>26</sup> - 7 <sup>33</sup> |                                      | .235                                                |
| 37 <sup>26</sup> - 7 <sup>37</sup> |                                      | .137                                                |
|                                    |                                      |                                                     |
|                                    |                                      |                                                     |
|                                    |                                      |                                                     |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Residential, Transportation

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>10</sup> - 7 <sup>01</sup> | Residual                             | .058                                                |
| 37 <sup>10</sup> - 7 <sup>09</sup> |                                      | .061                                                |
| 37 <sup>10</sup> - 7 <sup>17</sup> |                                      | .050                                                |
| 37 <sup>10</sup> - 7 <sup>25</sup> |                                      | .038                                                |
| 37 <sup>10</sup> - 7 <sup>33</sup> |                                      | .012                                                |
| 37 <sup>18</sup> - 7 <sup>01</sup> |                                      | .028                                                |
| 37 <sup>18</sup> - 7 <sup>09</sup> |                                      | .055                                                |
| 37 <sup>18</sup> - 7 <sup>17</sup> |                                      | .060                                                |
| 37 <sup>18</sup> - 7 <sup>25</sup> |                                      | .029                                                |
| 37 <sup>18</sup> - 7 <sup>33</sup> |                                      | .012                                                |
| 37 <sup>26</sup> - 7 <sup>9</sup>  |                                      | .006                                                |
| 37 <sup>26</sup> - 7 <sup>17</sup> |                                      | .049                                                |
| 37 <sup>26</sup> - 7 <sup>25</sup> |                                      | .012                                                |
|                                    |                                      |                                                     |
|                                    |                                      |                                                     |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Residential, Transportation

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>32</sup> - 7 <sup>23</sup> | Residual                             | .013                                                |
| 37 <sup>36</sup> - 7 <sup>23</sup> |                                      | .002                                                |
| 37 <sup>40</sup> - 7 <sup>27</sup> |                                      | .002                                                |
| 37 <sup>52</sup> - 7 <sup>35</sup> |                                      | .007                                                |
| 37 <sup>52</sup> - 7 <sup>39</sup> |                                      | .046                                                |
| 37 <sup>58</sup> - 7 <sup>41</sup> |                                      | .043                                                |
| 37 <sup>58</sup> - 7 <sup>49</sup> |                                      | .028                                                |
| 37 <sup>64</sup> - 7 <sup>33</sup> |                                      | .009                                                |
| 37 <sup>64</sup> - 7 <sup>41</sup> |                                      | .047                                                |
| 37 <sup>58</sup> - 7 <sup>57</sup> |                                      | .006                                                |
| 37 <sup>64</sup> - 7 <sup>49</sup> |                                      | .061                                                |
| 37 <sup>64</sup> - 7 <sup>57</sup> |                                      | .040                                                |
| 37 <sup>64</sup> - 7 <sup>65</sup> |                                      | .015                                                |
| 37 <sup>72</sup> - 7 <sup>33</sup> |                                      | .009                                                |
| 37 <sup>72</sup> - 7 <sup>41</sup> |                                      | .052                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Residential, Transportation

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>72</sup> - 7 <sup>49</sup> | Residual                             | .049                                                |
| 37 <sup>72</sup> - 7 <sup>57</sup> |                                      | .009                                                |
| 37 <sup>80</sup> - 7 <sup>41</sup> |                                      | .015                                                |
| 37 <sup>80</sup> - 7 <sup>49</sup> |                                      | .022                                                |
| 37 <sup>44</sup> - 7 <sup>39</sup> |                                      | .005                                                |
| 37 <sup>48</sup> - 7 <sup>35</sup> |                                      | .002                                                |
| 37 <sup>36</sup> - 7 <sup>27</sup> |                                      | .009                                                |
| 37 <sup>32</sup> - 7 <sup>31</sup> |                                      | .003                                                |
| 37 <sup>32</sup> - 7 <sup>27</sup> |                                      | .010                                                |
| 37 <sup>88</sup> - 7 <sup>27</sup> |                                      | .006                                                |
| 37 <sup>24</sup> - 7 <sup>27</sup> |                                      | .014                                                |
| 37 <sup>26</sup> - 7 <sup>31</sup> |                                      | .001                                                |
| 37 <sup>24</sup> - 7 <sup>31</sup> |                                      | .002                                                |
| 37 <sup>24</sup> - 7 <sup>33</sup> |                                      | .001                                                |
| 37 <sup>22</sup> - 7 <sup>33</sup> |                                      | .002                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>39</sup> - 7 <sup>41</sup> | 10-CBD                               |  | .170                                                |
| 37 <sup>39</sup> - 7 <sup>42</sup> |                                      |  | .149                                                |
| 37 <sup>38</sup> - 7 <sup>41</sup> |                                      |  | .191                                                |
| 37 <sup>38</sup> - 7 <sup>42</sup> |                                      |  | .106                                                |
| 37 <sup>37</sup> - 7 <sup>41</sup> |                                      |  | .191                                                |
| 37 <sup>37</sup> - 7 <sup>42</sup> |                                      |  | .149                                                |
| 37 <sup>36</sup> - 7 <sup>43</sup> |                                      |  | .044                                                |
| 37 <sup>44</sup> - 7 <sup>39</sup> | 11-NE                                |  | .090                                                |
| 37 <sup>42</sup> - 7 <sup>41</sup> |                                      |  | .073                                                |
| 37 <sup>42</sup> - 7 <sup>43</sup> |                                      |  | .122                                                |
| 37 <sup>42</sup> - 7 <sup>45</sup> |                                      |  | .039                                                |
| 37 <sup>40</sup> - 7 <sup>39</sup> |                                      |  | .073                                                |
| 37 <sup>40</sup> - 7 <sup>41</sup> |                                      |  | .122                                                |
| 37 <sup>40</sup> - 7 <sup>43</sup> |                                      |  | .122                                                |
| 37 <sup>40</sup> - 7 <sup>45</sup> |                                      |  | .039                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>38</sup> - 7 <sup>39</sup> | 11-NE                                | .013                                                |
| 37 <sup>39</sup> - 7 <sup>41</sup> |                                      | .013                                                |
| 37 <sup>39</sup> - 7 <sup>42</sup> |                                      | .020                                                |
| 37 <sup>38</sup> - 7 <sup>42</sup> |                                      | .020                                                |
| 37 <sup>38</sup> - 7 <sup>43</sup> |                                      | .122                                                |
| 37 <sup>38</sup> - 7 <sup>45</sup> |                                      | .041                                                |
| 37 <sup>37</sup> - 7 <sup>42</sup> |                                      | .013                                                |
| 37 <sup>36</sup> - 7 <sup>43</sup> |                                      | .056                                                |
| 37 <sup>36</sup> - 7 <sup>45</sup> |                                      | .022                                                |
| 37 <sup>44</sup> - 7 <sup>33</sup> | 12-NW                                | .023                                                |
| 37 <sup>44</sup> - 7 <sup>35</sup> |                                      | .104                                                |
| 37 <sup>44</sup> - 7 <sup>39</sup> |                                      | .064                                                |
| 37 <sup>42</sup> - 7 <sup>39</sup> |                                      | .050                                                |
| 37 <sup>42</sup> - 7 <sup>41</sup> |                                      | .025                                                |
| 37 <sup>40</sup> - 7 <sup>27</sup> |                                      | .037                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>40</sup> - 7 <sup>31</sup> | 12-NW                                | .191                                                |
| 37 <sup>40</sup> - 7 <sup>35</sup> |                                      | .207                                                |
| 37 <sup>40</sup> - 7 <sup>39</sup> |                                      | .025                                                |
| 37 <sup>36</sup> - 7 <sup>27</sup> |                                      | .012                                                |
| 37 <sup>38</sup> - 7 <sup>31</sup> |                                      | .021                                                |
| 37 <sup>38</sup> - 7 <sup>33</sup> |                                      | .047                                                |
| 37 <sup>38</sup> - 7 <sup>35</sup> |                                      | .052                                                |
| 37 <sup>38</sup> - 7 <sup>37</sup> |                                      | .052                                                |
| 37 <sup>38</sup> - 7 <sup>39</sup> |                                      | .047                                                |
| 37 <sup>36</sup> - 7 <sup>33</sup> |                                      | .008                                                |
| 37 <sup>36</sup> - 7 <sup>35</sup> |                                      | .012                                                |
| 37 <sup>36</sup> - 7 <sup>37</sup> |                                      | .009                                                |
| 37 <sup>37</sup> - 7 <sup>39</sup> |                                      | .004                                                |
| 37 <sup>37</sup> - 7 <sup>40</sup> |                                      | .004                                                |
| 37 <sup>37</sup> - 7 <sup>41</sup> |                                      | .001                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>38</sup> - 7 <sup>41</sup> | 12-NW                                | .004                                                |
| 37 <sup>39</sup> - 7 <sup>41</sup> | 12-NW                                | .001                                                |
| 37 <sup>36</sup> - 7 <sup>39</sup> | 13-SE                                | .002                                                |
| 37 <sup>36</sup> - 7 <sup>40</sup> |                                      | .010                                                |
| 37 <sup>36</sup> - 7 <sup>41</sup> |                                      | .015                                                |
| 37 <sup>36</sup> - 7 <sup>42</sup> |                                      | .015                                                |
| 37 <sup>36</sup> - 7 <sup>43</sup> |                                      | .030                                                |
| 37 <sup>36</sup> - 7 <sup>45</sup> |                                      | .012                                                |
| 37 <sup>34</sup> - 7 <sup>39</sup> |                                      | .035                                                |
| 37 <sup>34</sup> - 7 <sup>41</sup> |                                      | .061                                                |
| 37 <sup>34</sup> - 7 <sup>43</sup> |                                      | .061                                                |
| 37 <sup>34</sup> - 7 <sup>45</sup> |                                      | .024                                                |
| 37 <sup>34</sup> - 7 <sup>37</sup> |                                      | .002                                                |
| 37 <sup>32</sup> - 7 <sup>37</sup> |                                      | .012                                                |
| 37 <sup>32</sup> - 7 <sup>39</sup> |                                      | .061                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>32</sup> - 7 <sup>41</sup> | 13-SE                                |  | .061                                                |
| 37 <sup>32</sup> - 7 <sup>43</sup> |                                      |  | .061                                                |
| 37 <sup>32</sup> - 7 <sup>45</sup> |                                      |  | .026                                                |
| 37 <sup>30</sup> - 7 <sup>37</sup> |                                      |  | .005                                                |
| 37 <sup>30</sup> - 7 <sup>39</sup> |                                      |  | .049                                                |
| 37 <sup>30</sup> - 7 <sup>41</sup> |                                      |  | .061                                                |
| 37 <sup>30</sup> - 7 <sup>43</sup> |                                      |  | .061                                                |
| 37 <sup>30</sup> - 7 <sup>45</sup> |                                      |  | .026                                                |
| 37 <sup>28</sup> - 7 <sup>39</sup> |                                      |  | .033                                                |
| 37 <sup>28</sup> - 7 <sup>41</sup> |                                      |  | .055                                                |
| 37 <sup>28</sup> - 7 <sup>43</sup> |                                      |  | .061                                                |
| 37 <sup>28</sup> - 7 <sup>45</sup> |                                      |  | .026                                                |
| 37 <sup>26</sup> - 7 <sup>41</sup> |                                      |  | .049                                                |
| 37 <sup>26</sup> - 7 <sup>43</sup> |                                      |  | .061                                                |
| 37 <sup>26</sup> - 7 <sup>45</sup> |                                      |  | .027                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>36</sup> - 7 <sup>23</sup> | 14-SW                                |  | .022                                                |
| 37 <sup>36</sup> - 7 <sup>27</sup> |                                      |  | .130                                                |
| 37 <sup>38</sup> - 7 <sup>31</sup> |                                      |  | .025                                                |
| 37 <sup>38</sup> - 7 <sup>33</sup> |                                      |  | .004                                                |
| 37 <sup>36</sup> - 7 <sup>31</sup> |                                      |  | .036                                                |
| 37 <sup>36</sup> - 7 <sup>33</sup> |                                      |  | .030                                                |
| 37 <sup>36</sup> - 7 <sup>35</sup> |                                      |  | .029                                                |
| 37 <sup>36</sup> - 7 <sup>37</sup> |                                      |  | .031                                                |
| 37 <sup>37</sup> - 7 <sup>39</sup> |                                      |  | .008                                                |
| 37 <sup>37</sup> - 7 <sup>40</sup> |                                      |  | .008                                                |
| 37 <sup>36</sup> - 7 <sup>39</sup> |                                      |  | .009                                                |
| 37 <sup>36</sup> - 7 <sup>40</sup> |                                      |  | .003                                                |
| 37 <sup>32</sup> - 7 <sup>23</sup> |                                      |  | .004                                                |
| 37 <sup>32</sup> - 7 <sup>27</sup> |                                      |  | .125                                                |
| 37 <sup>32</sup> - 7 <sup>31</sup> |                                      |  | .143                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|-----------------------------------|--------------------------------------|--|-----------------------------------------------------|
| $37^{34} - 7^{35}$                | 14-SW                                |  | .036                                                |
| $37^{34} - 7^{37}$                |                                      |  | .035                                                |
| $37^{34} - 7^{39}$                |                                      |  | .011                                                |
| $37^{32} - 7^{35}$                |                                      |  | .032                                                |
| $37^{32} - 7^{37}$                |                                      |  | .029                                                |
| $37^{28} - 7^{27}$                |                                      |  | .115                                                |
| $37^{30} - 7^{31}$                |                                      |  | .036                                                |
| $37^{30} - 7^{33}$                |                                      |  | .014                                                |
| $37^{30} - 7^{35}$                |                                      |  | .006                                                |
| $37^{30} - 7^{37}$                |                                      |  | .004                                                |
| $37^{28} - 7^{31}$                |                                      |  | .033                                                |
| $37^{28} - 7^{33}$                |                                      |  | .002                                                |
| $37^{26} - 7^{31}$                |                                      |  | .006                                                |
| $37^{24} - 7^{27}$                |                                      |  | .036                                                |
| $37^{32} - 7^{35}$                | 15-TC                                |  | .008                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>30</sup> - 7 <sup>33</sup> | 15-TC                                |  | .040                                                |
| 37 <sup>30</sup> - 7 <sup>35</sup> |                                      |  | .054                                                |
| 37 <sup>30</sup> - 7 <sup>37</sup> |                                      |  | .050                                                |
| 37 <sup>30</sup> - 7 <sup>39</sup> |                                      |  | .013                                                |
| 37 <sup>28</sup> - 7 <sup>31</sup> |                                      |  | .005                                                |
| 37 <sup>28</sup> - 7 <sup>33</sup> |                                      |  | .005                                                |
| 37 <sup>28</sup> - 7 <sup>35</sup> |                                      |  | .066                                                |
| 37 <sup>28</sup> - 7 <sup>37</sup> |                                      |  | .066                                                |
| 37 <sup>28</sup> - 7 <sup>39</sup> |                                      |  | .031                                                |
| 37 <sup>28</sup> - 7 <sup>41</sup> |                                      |  | .007                                                |
| 37 <sup>26</sup> - 7 <sup>31</sup> |                                      |  | .056                                                |
| 37 <sup>26</sup> - 7 <sup>33</sup> |                                      |  | .066                                                |
| 37 <sup>26</sup> - 7 <sup>35</sup> |                                      |  | .066                                                |
| 37 <sup>26</sup> - 7 <sup>37</sup> |                                      |  | .066                                                |
| 37 <sup>26</sup> - 7 <sup>39</sup> |                                      |  | .066                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>26</sup> - 7 <sup>41</sup> | 15-TC                                | .013                                                |
| 37 <sup>24</sup> - 7 <sup>27</sup> |                                      | .048                                                |
| 37 <sup>24</sup> - 7 <sup>31</sup> |                                      | .066                                                |
| 37 <sup>24</sup> - 7 <sup>33</sup> |                                      | .066                                                |
| 37 <sup>24</sup> - 7 <sup>35</sup> |                                      | .042                                                |
| 37 <sup>22</sup> - 7 <sup>31</sup> |                                      | .033                                                |
| 37 <sup>22</sup> - 7 <sup>33</sup> |                                      | .041                                                |
| 37 <sup>22</sup> - 7 <sup>35</sup> |                                      | .021                                                |
| 37 <sup>52</sup> - 7 <sup>35</sup> | 17-B                                 | .060                                                |
| 37 <sup>52</sup> - 7 <sup>39</sup> |                                      | .241                                                |
| 37 <sup>48</sup> - 7 <sup>35</sup> |                                      | .120                                                |
| 37 <sup>44</sup> - 7 <sup>35</sup> |                                      | .075                                                |
| 37 <sup>44</sup> - 7 <sup>39</sup> |                                      | .504                                                |
|                                    |                                      |                                                     |
|                                    |                                      |                                                     |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>10</sup> - 7 <sup>01</sup> | 16 - S. Fulton                       | .108                                                |
| 37 <sup>10</sup> - 7 <sup>09</sup> |                                      | .114                                                |
| 37 <sup>10</sup> - 7 <sup>17</sup> |                                      | .102                                                |
| 37 <sup>10</sup> - 7 <sup>25</sup> |                                      | .080                                                |
| 37 <sup>10</sup> - 7 <sup>33</sup> |                                      | .023                                                |
| 37 <sup>18</sup> - 7 <sup>01</sup> |                                      | .051                                                |
| 37 <sup>18</sup> - 7 <sup>09</sup> |                                      | .102                                                |
| 37 <sup>18</sup> - 7 <sup>17</sup> |                                      | .114                                                |
| 37 <sup>18</sup> - 7 <sup>25</sup> |                                      | .097                                                |
| 37 <sup>18</sup> - 7 <sup>33</sup> |                                      | .028                                                |
| 37 <sup>26</sup> - 7 <sup>09</sup> |                                      | .011                                                |
| 37 <sup>26</sup> - 7 <sup>17</sup> |                                      | .091                                                |
| 37 <sup>26</sup> - 7 <sup>25</sup> |                                      | .040                                                |
| 37 <sup>34</sup> - 7 <sup>17</sup> |                                      | .017                                                |
| 37 <sup>34</sup> - 7 <sup>25</sup> |                                      | .023                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>50</sup> - 7 <sup>33</sup> | 18 - Sandy Spgs.                     |  | .065                                                |
| 37 <sup>50</sup> - 7 <sup>41</sup> |                                      |  | .081                                                |
| 37 <sup>58</sup> - 7 <sup>41</sup> |                                      |  | .226                                                |
| 37 <sup>58</sup> - 7 <sup>49</sup> |                                      |  | .145                                                |
| 37 <sup>64</sup> - 7 <sup>33</sup> |                                      |  | .048                                                |
| 37 <sup>64</sup> - 7 <sup>41</sup> |                                      |  | .274                                                |
| 37 <sup>64</sup> - 7 <sup>49</sup> |                                      |  | .145                                                |
| 37 <sup>64</sup> - 7 <sup>57</sup> |                                      |  | .016                                                |
| 37 <sup>58</sup> - 7 <sup>57</sup> | 19 - N. Fulton                       |  | .023                                                |
| 37 <sup>64</sup> - 7 <sup>33</sup> |                                      |  | .023                                                |
| 37 <sup>64</sup> - 7 <sup>41</sup> |                                      |  | .034                                                |
| 37 <sup>64</sup> - 7 <sup>49</sup> |                                      |  | .126                                                |
| 37 <sup>64</sup> - 7 <sup>57</sup> |                                      |  | .149                                                |
| 37 <sup>64</sup> - 7 <sup>65</sup> |                                      |  | .057                                                |
| 37 <sup>72</sup> - 7 <sup>33</sup> |                                      |  | .034                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Industrial

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>72</sup> - 7 <sup>41</sup> | 19 - N. Fulton                       |  | .195                                                |
| 37 <sup>72</sup> - 7 <sup>49</sup> |                                      |  | .184                                                |
| 37 <sup>72</sup> - 7 <sup>57</sup> |                                      |  | .034                                                |
| 37 <sup>80</sup> - 7 <sup>41</sup> |                                      |  | .057                                                |
| 37 <sup>80</sup> - 7 <sup>49</sup> |                                      |  | .080                                                |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton

B. Subcounty Area Set Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>39</sup> - 7 <sup>41</sup> | 10-CBD                               |  | .170                                                |
| 37 <sup>39</sup> - 7 <sup>42</sup> |                                      |  | .149                                                |
| 37 <sup>38</sup> - 7 <sup>41</sup> |                                      |  | .191                                                |
| 37 <sup>38</sup> - 7 <sup>42</sup> |                                      |  | .106                                                |
| 37 <sup>37</sup> - 7 <sup>41</sup> |                                      |  | .191                                                |
| 37 <sup>37</sup> - 7 <sup>42</sup> |                                      |  | .149                                                |
| 37 <sup>36</sup> - 7 <sup>43</sup> |                                      |  | .044                                                |
| 37 <sup>44</sup> - 7 <sup>39</sup> | 11-NE                                |  | .090                                                |
| 37 <sup>42</sup> - 7 <sup>41</sup> |                                      |  | .073                                                |
| 37 <sup>42</sup> - 7 <sup>43</sup> |                                      |  | .122                                                |
| 37 <sup>42</sup> - 7 <sup>45</sup> |                                      |  | .039                                                |
| 37 <sup>40</sup> - 7 <sup>39</sup> |                                      |  | .073                                                |
| 37 <sup>40</sup> - 7 <sup>41</sup> |                                      |  | .122                                                |
| 37 <sup>40</sup> - 7 <sup>43</sup> |                                      |  | .122                                                |
| 37 <sup>40</sup> - 7 <sup>45</sup> |                                      |  | .039                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton

B. Subcounty Area Set Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>38</sup> - 7 <sup>39</sup> | 11-NE                                |  | .013                                                |
| 37 <sup>39</sup> - 7 <sup>41</sup> |                                      |  | .013                                                |
| 37 <sup>39</sup> - 7 <sup>42</sup> |                                      |  | .020                                                |
| 37 <sup>38</sup> - 7 <sup>42</sup> |                                      |  | .020                                                |
| 37 <sup>38</sup> - 7 <sup>43</sup> |                                      |  | .122                                                |
| 37 <sup>38</sup> - 7 <sup>45</sup> |                                      |  | .041                                                |
| 37 <sup>37</sup> - 7 <sup>42</sup> |                                      |  | .013                                                |
| 37 <sup>36</sup> - 7 <sup>43</sup> |                                      |  | .056                                                |
| 37 <sup>36</sup> - 7 <sup>45</sup> |                                      |  | .022                                                |
| 37 <sup>44</sup> - 7 <sup>33</sup> | 12-NW                                |  | .023                                                |
| 37 <sup>44</sup> - 7 <sup>35</sup> |                                      |  | .104                                                |
| 37 <sup>44</sup> - 7 <sup>39</sup> |                                      |  | .064                                                |
| 37 <sup>42</sup> - 7 <sup>39</sup> |                                      |  | .050                                                |
| 37 <sup>42</sup> - 7 <sup>41</sup> |                                      |  | .025                                                |
| 37 <sup>40</sup> - 7 <sup>27</sup> |                                      |  | .037                                                |

Table 4.1

## Master Grid Mapping

A. County FultonB. Subcounty Area Set Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>40</sup> - 7 <sup>31</sup> | 12-NW                                | .191                                                |
| 37 <sup>40</sup> - 7 <sup>35</sup> |                                      | .207                                                |
| 37 <sup>40</sup> - 7 <sup>39</sup> |                                      | .025                                                |
| 37 <sup>36</sup> - 7 <sup>27</sup> |                                      | .012                                                |
| 37 <sup>38</sup> - 7 <sup>31</sup> |                                      | .021                                                |
| 37 <sup>38</sup> - 7 <sup>33</sup> |                                      | .047                                                |
| 37 <sup>38</sup> - 7 <sup>35</sup> |                                      | .052                                                |
| 37 <sup>38</sup> - 7 <sup>37</sup> |                                      | .052                                                |
| 37 <sup>38</sup> - 7 <sup>39</sup> |                                      | .047                                                |
| 37 <sup>36</sup> - 7 <sup>33</sup> |                                      | .008                                                |
| 37 <sup>36</sup> - 7 <sup>35</sup> |                                      | .012                                                |
| 37 <sup>36</sup> - 7 <sup>37</sup> |                                      | .009                                                |
| 37 <sup>37</sup> - 7 <sup>39</sup> |                                      | .004                                                |
| 37 <sup>37</sup> - 7 <sup>40</sup> |                                      | .004                                                |
| 37 <sup>37</sup> - 7 <sup>41</sup> |                                      | .001                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set: Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>38</sup> - 7 <sup>41</sup> | 12-NW                                | .004                                                |
| 37 <sup>39</sup> - 7 <sup>41</sup> | 12-NW                                | .001                                                |
| 37 <sup>36</sup> - 7 <sup>39</sup> | 13-SE                                | .002                                                |
| 37 <sup>36</sup> - 7 <sup>40</sup> |                                      | .010                                                |
| 37 <sup>36</sup> - 7 <sup>41</sup> |                                      | .015                                                |
| 37 <sup>36</sup> - 7 <sup>42</sup> |                                      | .015                                                |
| 37 <sup>36</sup> - 7 <sup>43</sup> |                                      | .030                                                |
| 37 <sup>36</sup> - 7 <sup>45</sup> |                                      | .012                                                |
| 37 <sup>34</sup> - 7 <sup>39</sup> |                                      | .035                                                |
| 37 <sup>34</sup> - 7 <sup>41</sup> |                                      | .061                                                |
| 37 <sup>34</sup> - 7 <sup>43</sup> |                                      | .061                                                |
| 37 <sup>34</sup> - 7 <sup>45</sup> |                                      | .024                                                |
| 37 <sup>34</sup> - 7 <sup>37</sup> |                                      | .002                                                |
| 37 <sup>32</sup> - 7 <sup>37</sup> |                                      | .012                                                |
| 37 <sup>32</sup> - 7 <sup>39</sup> |                                      | .061                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton

B. Subcounty Area Set Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>32</sup> - 7 <sup>41</sup> | 13-SE                                |  | .061                                                |
| 37 <sup>32</sup> - 7 <sup>43</sup> |                                      |  | .061                                                |
| 37 <sup>32</sup> - 7 <sup>45</sup> |                                      |  | .026                                                |
| 37 <sup>30</sup> - 7 <sup>37</sup> |                                      |  | .005                                                |
| 37 <sup>30</sup> - 7 <sup>39</sup> |                                      |  | .049                                                |
| 37 <sup>30</sup> - 7 <sup>41</sup> |                                      |  | .061                                                |
| 37 <sup>30</sup> - 7 <sup>43</sup> |                                      |  | .061                                                |
| 37 <sup>30</sup> - 7 <sup>45</sup> |                                      |  | .026                                                |
| 37 <sup>28</sup> - 7 <sup>39</sup> |                                      |  | .033                                                |
| 37 <sup>28</sup> - 7 <sup>41</sup> |                                      |  | .055                                                |
| 37 <sup>28</sup> - 7 <sup>43</sup> |                                      |  | .061                                                |
| 37 <sup>28</sup> - 7 <sup>45</sup> |                                      |  | .026                                                |
| 37 <sup>26</sup> - 7 <sup>41</sup> |                                      |  | .049                                                |
| 37 <sup>26</sup> - 7 <sup>43</sup> |                                      |  | .061                                                |
| 37 <sup>26</sup> - 7 <sup>45</sup> |                                      |  | .027                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton

B. Subcounty Area Set Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>36</sup> - 7 <sup>23</sup> | 14-SW                                |  | .022                                                |
| 37 <sup>36</sup> - 7 <sup>27</sup> |                                      |  | .130                                                |
| 37 <sup>38</sup> - 7 <sup>31</sup> |                                      |  | .025                                                |
| 37 <sup>38</sup> - 7 <sup>33</sup> |                                      |  | .004                                                |
| 37 <sup>36</sup> - 7 <sup>31</sup> |                                      |  | .036                                                |
| 37 <sup>36</sup> - 7 <sup>33</sup> |                                      |  | .030                                                |
| 37 <sup>36</sup> - 7 <sup>35</sup> |                                      |  | .029                                                |
| 37 <sup>36</sup> - 7 <sup>37</sup> |                                      |  | .031                                                |
| 37 <sup>37</sup> - 7 <sup>39</sup> |                                      |  | .008                                                |
| 37 <sup>37</sup> - 7 <sup>40</sup> |                                      |  | .008                                                |
| 37 <sup>36</sup> - 7 <sup>39</sup> |                                      |  | .009                                                |
| 37 <sup>36</sup> - 7 <sup>40</sup> |                                      |  | .003                                                |
| 37 <sup>32</sup> - 7 <sup>23</sup> |                                      |  | .004                                                |
| 37 <sup>32</sup> - 7 <sup>27</sup> |                                      |  | .125                                                |
| 37 <sup>32</sup> - 7 <sup>31</sup> |                                      |  | .143                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>34</sup> - 7 <sup>35</sup> | 14-SW                                | .036                                                |
| 37 <sup>34</sup> - 7 <sup>37</sup> |                                      | .035                                                |
| 37 <sup>34</sup> - 7 <sup>39</sup> |                                      | .011                                                |
| 37 <sup>32</sup> - 7 <sup>35</sup> |                                      | .032                                                |
| 37 <sup>32</sup> - 7 <sup>37</sup> |                                      | .029                                                |
| 37 <sup>28</sup> - 7 <sup>27</sup> |                                      | .115                                                |
| 37 <sup>30</sup> - 7 <sup>31</sup> |                                      | .036                                                |
| 37 <sup>30</sup> - 7 <sup>33</sup> |                                      | .014                                                |
| 37 <sup>30</sup> - 7 <sup>35</sup> |                                      | .006                                                |
| 37 <sup>30</sup> - 7 <sup>37</sup> |                                      | .004                                                |
| 37 <sup>28</sup> - 7 <sup>31</sup> |                                      | .033                                                |
| 37 <sup>28</sup> - 7 <sup>33</sup> |                                      | .002                                                |
| 37 <sup>26</sup> - 7 <sup>31</sup> |                                      | .006                                                |
| 37 <sup>24</sup> - 7 <sup>27</sup> |                                      | .036                                                |
| 37 <sup>32</sup> - 7 <sup>35</sup> | 15-TC                                | .008                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton

B. Subcounty Area Set Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|-----------------------------------|--------------------------------------|--|-----------------------------------------------------|
| $37^{30} - 7^{33}$                | 15-TC                                |  | .040                                                |
| $37^{30} - 7^{35}$                |                                      |  | .054                                                |
| $37^{30} - 7^{37}$                |                                      |  | .050                                                |
| $37^{30} - 7^{39}$                |                                      |  | .013                                                |
| $37^{28} - 7^{31}$                |                                      |  | .005                                                |
| $37^{28} - 7^{33}$                |                                      |  | .005                                                |
| $37^{28} - 7^{35}$                |                                      |  | .066                                                |
| $37^{28} - 7^{37}$                |                                      |  | .066                                                |
| $37^{28} - 7^{39}$                |                                      |  | .031                                                |
| $37^{28} - 7^{41}$                |                                      |  | .007                                                |
| $37^{26} - 7^{31}$                |                                      |  | .056                                                |
| $37^{26} - 7^{33}$                |                                      |  | .066                                                |
| $37^{26} - 7^{35}$                |                                      |  | .066                                                |
| $37^{26} - 7^{37}$                |                                      |  | .066                                                |
| $37^{26} - 7^{39}$                |                                      |  | .066                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton

B. Subcounty Area Set Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>26</sup> - 7 <sup>41</sup> | 15-TC                                |  | .013                                                |
| 37 <sup>24</sup> - 7 <sup>27</sup> |                                      |  | .048                                                |
| 37 <sup>24</sup> - 7 <sup>31</sup> |                                      |  | .066                                                |
| 37 <sup>24</sup> - 7 <sup>33</sup> |                                      |  | .066                                                |
| 37 <sup>24</sup> - 7 <sup>35</sup> |                                      |  | .042                                                |
| 37 <sup>22</sup> - 7 <sup>31</sup> |                                      |  | .033                                                |
| 37 <sup>22</sup> - 7 <sup>33</sup> |                                      |  | .041                                                |
| 37 <sup>22</sup> - 7 <sup>35</sup> |                                      |  | .021                                                |
| 37 <sup>52</sup> - 7 <sup>35</sup> | 17-B                                 |  | .060                                                |
| 37 <sup>52</sup> - 7 <sup>39</sup> |                                      |  | .241                                                |
| 37 <sup>48</sup> - 7 <sup>35</sup> |                                      |  | .120                                                |
| 37 <sup>44</sup> - 7 <sup>35</sup> |                                      |  | .075                                                |
| 37 <sup>44</sup> - 7 <sup>39</sup> |                                      |  | .504                                                |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>10</sup> - 7 <sup>01</sup> | Residual                             |  | .058                                                |
| 37 <sup>10</sup> - 7 <sup>09</sup> |                                      |  | .061                                                |
| 37 <sup>10</sup> - 7 <sup>17</sup> |                                      |  | .055                                                |
| 37 <sup>10</sup> - 7 <sup>25</sup> |                                      |  | .043                                                |
| 37 <sup>10</sup> - 7 <sup>33</sup> |                                      |  | .012                                                |
| 37 <sup>18</sup> - 7 <sup>01</sup> |                                      |  | .028                                                |
| 37 <sup>18</sup> - 7 <sup>09</sup> |                                      |  | .055                                                |
| 37 <sup>18</sup> - 7 <sup>17</sup> |                                      |  | .061                                                |
| 37 <sup>18</sup> - 7 <sup>25</sup> |                                      |  | .052                                                |
| 37 <sup>18</sup> - 7 <sup>33</sup> |                                      |  | .015                                                |
| 37 <sup>26</sup> - 7 <sup>09</sup> |                                      |  | .006                                                |
| 37 <sup>26</sup> - 7 <sup>17</sup> |                                      |  | .049                                                |
| 37 <sup>26</sup> - 7 <sup>25</sup> |                                      |  | .022                                                |
| 37 <sup>34</sup> - 7 <sup>17</sup> |                                      |  | .009                                                |
| 37 <sup>34</sup> - 7 <sup>25</sup> |                                      |  | .012                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|-----------------------------------------------------|
| 37 <sup>50</sup> - 7 <sup>33</sup> | Residual                             | .012                                                |
| 37 <sup>50</sup> - 7 <sup>41</sup> |                                      | .015                                                |
| 37 <sup>58</sup> - 7 <sup>41</sup> |                                      | .043                                                |
| 37 <sup>58</sup> - 7 <sup>49</sup> |                                      | .028                                                |
| 37 <sup>64</sup> - 7 <sup>33</sup> |                                      | .009                                                |
| 37 <sup>64</sup> - 7 <sup>41</sup> |                                      | .052                                                |
| 37 <sup>64</sup> - 7 <sup>49</sup> |                                      | .028                                                |
| 37 <sup>64</sup> - 7 <sup>57</sup> |                                      | .003                                                |
| 37 <sup>58</sup> - 7 <sup>57</sup> |                                      | .006                                                |
| 37 <sup>64</sup> - 7 <sup>33</sup> |                                      | .006                                                |
| 37 <sup>64</sup> - 7 <sup>41</sup> |                                      | .009                                                |
| 37 <sup>64</sup> - 7 <sup>49</sup> |                                      | .034                                                |
| 37 <sup>64</sup> - 7 <sup>57</sup> |                                      | .040                                                |
| 37 <sup>64</sup> - 7 <sup>65</sup> |                                      | .015                                                |
| 37 <sup>72</sup> - 7 <sup>33</sup> |                                      | .009                                                |

**Table 4.1**  
**Master Grid Mapping**

A. County Fulton  
B. Subcounty Area Set Commercial/Institutional-Solid Waste

| (1)<br>Master Grid<br>Designation  | (2)<br>Subcounty Area<br>Designation |  | (3)<br>Fraction of Subcounty<br>Area in Master Grid |
|------------------------------------|--------------------------------------|--|-----------------------------------------------------|
| 37 <sup>72</sup> - 7 <sup>41</sup> | Residual                             |  | .052                                                |
| 37 <sup>72</sup> - 7 <sup>49</sup> |                                      |  | .049                                                |
| 37 <sup>72</sup> - 7 <sup>57</sup> |                                      |  | .009                                                |
| 37 <sup>80</sup> - 7 <sup>41</sup> |                                      |  | .015                                                |
| 37 <sup>80</sup> - 7 <sup>49</sup> |                                      |  | .022                                                |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |
|                                    |                                      |  |                                                     |

## B.4 Master Grid Emissions

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1970

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 1. 37 <sup>10</sup> - 7 <sup>01</sup>  | 82.5                   | 15.3                   | 1344.3    |           |                        |
| 2. 37 <sup>10</sup> - 7 <sup>09</sup>  | 87.0                   | 16.0                   | 1413.8    |           |                        |
| 3. 37 <sup>10</sup> - 7 <sup>17</sup>  | 80.9                   | 18.1                   | 1604.2    |           |                        |
| 4. 37 <sup>10</sup> - 7 <sup>25</sup>  | 63.2                   | 13.9                   | 1281.1    |           |                        |
| 5. 37 <sup>10</sup> - 7 <sup>33</sup>  | 17.4                   | 3.2                    | 278.3     |           |                        |
| 6. 37 <sup>18</sup> - 7 <sup>01</sup>  | 39.4                   | 7.4                    | 648.7     |           |                        |
| 7. 37 <sup>18</sup> - 7 <sup>09</sup>  | 78.2                   | 14.5                   | 1274.7    |           |                        |
| 8. 37 <sup>18</sup> - 7 <sup>17</sup>  | 87.8                   | 17.0                   | 1514.0    |           |                        |
| 9. 37 <sup>18</sup> - 7 <sup>25</sup>  | 75.2                   | 14.8                   | 1379.5    |           |                        |
| 10. 37 <sup>18</sup> - 7 <sup>33</sup> | 20.9                   | 3.3                    | 279.3     |           |                        |
| 11. 37 <sup>26</sup> - 7 <sup>09</sup> | 8.4                    | 1.6                    | 139.1     |           |                        |
| 12. 37 <sup>26</sup> - 7 <sup>17</sup> | 69.6                   | 13.0                   | 1135.7    |           |                        |
| 13. 37 <sup>26</sup> - 7 <sup>25</sup> | 29.4                   | 3.9                    | 281.7     |           |                        |
| 14. 37 <sup>34</sup> - 7 <sup>17</sup> | 11.5                   | .7                     | 3.5       |           |                        |
| 15. 37 <sup>34</sup> - 7 <sup>25</sup> | 15.5                   | 1.0                    | 4.8       |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1970

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 16. 37 <sup>22</sup> - 7 <sup>31</sup> | 55.1                   | 22.2                   | 687.5     |           |                        |
| 17. 37 <sup>22</sup> - 7 <sup>33</sup> | 66.4                   | 23.5                   | 621.0     |           |                        |
| 18. 37 <sup>22</sup> - 7 <sup>35</sup> | 33.9                   | 11.1                   | 345.1     |           |                        |
| 19. 37 <sup>24</sup> - 7 <sup>27</sup> | 118.8                  | 34.0                   | 1249.0    |           |                        |
| 20. 37 <sup>24</sup> - 7 <sup>31</sup> | 101.2                  | 33.6                   | 53.9      |           |                        |
| 21. 37 <sup>24</sup> - 7 <sup>33</sup> | 104.8                  | 34.6                   | 716.0     |           |                        |
| 22. 37 <sup>24</sup> - 7 <sup>35</sup> | 66.8                   | 21.9                   | 484.1     |           |                        |
| 23. 37 <sup>26</sup> - 7 <sup>31</sup> | 99.0                   | 37.4                   | 1055.7    |           |                        |
| 24. 37 <sup>26</sup> - 7 <sup>33</sup> | 109.7                  | 42.2                   | 1376.0    |           |                        |
| 25. 37 <sup>26</sup> - 7 <sup>35</sup> | 105.3                  | 34.7                   | 829.5     |           |                        |
| 26. 37 <sup>26</sup> - 7 <sup>37</sup> | 105.1                  | 35.9                   | 714.9     |           |                        |
| 27. 37 <sup>26</sup> - 7 <sup>39</sup> | 107.9                  | 42.0                   | 993.9     |           |                        |
| 28. 37 <sup>26</sup> - 7 <sup>41</sup> | 97.7                   | 26.5                   | 2168.6    |           |                        |
| 29. 37 <sup>26</sup> - 7 <sup>43</sup> | 90.1                   | 15.7                   | 1718.3    |           |                        |
| 30. 37 <sup>26</sup> - 7 <sup>45</sup> | 39.2                   | 6.6                    | 661.5     |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1970

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 31. 37 <sup>28</sup> - 7 <sup>27</sup> | 148.3                  | 29.8                   | 4748.0    |           |                        |
| 32. 37 <sup>28</sup> - 7 <sup>31</sup> | 44.1                   | 8.4                    | 232.5     |           |                        |
| 33. 37 <sup>28</sup> - 7 <sup>33</sup> | 18.2                   | 13.0                   | 1253.8    |           |                        |
| 34. 37 <sup>28</sup> - 7 <sup>35</sup> | 109.4                  | 43.5                   | 1261.3    |           |                        |
| 35. 37 <sup>28</sup> - 7 <sup>37</sup> | 109.4                  | 43.5                   | 1261.3    |           |                        |
| 36. 37 <sup>28</sup> - 7 <sup>39</sup> | 105.7                  | 35.5                   | 2334.0    |           |                        |
| 37. 37 <sup>28</sup> - 7 <sup>41</sup> | 93.3                   | 19.9                   | 1737.0    |           |                        |
| 38. 37 <sup>28</sup> - 7 <sup>43</sup> | 90.1                   | 15.7                   | 1718.3    |           |                        |
| 39. 37 <sup>28</sup> - 7 <sup>45</sup> | 37.9                   | 6.5                    | 661.4     |           |                        |
| 40. 37 <sup>30</sup> - 7 <sup>31</sup> | 47.8                   | 9.8                    | 1711.9    |           |                        |
| 41. 37 <sup>30</sup> - 7 <sup>33</sup> | 86.5                   | 31.3                   | 1723.5    |           |                        |
| 42. 37 <sup>30</sup> - 7 <sup>35</sup> | 98.8                   | 38.6                   | 1540.6    |           |                        |
| 43. 37 <sup>30</sup> - 7 <sup>37</sup> | 97.3                   | 37.1                   | 1540.8    |           |                        |
| 44. 37 <sup>30</sup> - 7 <sup>39</sup> | 94.9                   | 23.1                   | 1761.9    |           |                        |
| 45. 37 <sup>30</sup> - 7 <sup>41</sup> | 88.6                   | 14.9                   | 1455.6    |           |                        |

**Table 4.2**  
**Master Grid Emissions**

A. County Fulton  
B. Year 1970

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 46. 37 <sup>30</sup> - 7 <sup>43</sup> | 90.1                   | 15.7                   | 1718.3    |           |                        |
| 47. 37 <sup>30</sup> - 7 <sup>45</sup> | 37.9                   | 11.5                   | 661.4     |           |                        |
| 48. 37 <sup>32</sup> - 7 <sup>23</sup> | 6.2                    | 2.9                    | 296.8     |           |                        |
| 49. 37 <sup>32</sup> - 7 <sup>27</sup> | 146.2                  | 24.0                   | 2476.3    |           |                        |
| 50. 37 <sup>32</sup> - 7 <sup>31</sup> | 184.3                  | 36.6                   | 5865.2    |           |                        |
| 51. 37 <sup>32</sup> - 7 <sup>35</sup> | 46.0                   | 7.9                    | 5.0       |           |                        |
| 52. 37 <sup>32</sup> - 7 <sup>37</sup> | 46.5                   | 5.4                    | 5.8       |           |                        |
| 53. 37 <sup>32</sup> - 7 <sup>39</sup> | 87.1                   | 14.0                   | 1192.9    |           |                        |
| 54. 37 <sup>32</sup> - 7 <sup>41</sup> | 90.1                   | 15.7                   | 1718.3    |           |                        |
| 55. 37 <sup>32</sup> - 7 <sup>43</sup> | 90.1                   | 15.7                   | 1718.3    |           |                        |
| 56. 37 <sup>32</sup> - 7 <sup>45</sup> | 37.9                   | 6.4                    | 661.4     |           |                        |
| 57. 37 <sup>34</sup> - 7 <sup>35</sup> | 47.8                   | 9.8                    | 1711.9    |           |                        |
| 58. 37 <sup>34</sup> - 7 <sup>37</sup> | 49.3                   | 10.0                   | 1712.2    |           |                        |
| 59. 37 <sup>34</sup> - 7 <sup>39</sup> | 67.4                   | 12.6                   | 1715.1    |           |                        |
| 60. 37 <sup>34</sup> - 7 <sup>41</sup> | 90.1                   | 15.7                   | 1718.3    |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1970

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 61. 37 <sup>34</sup> - 7 <sup>43</sup> | 90.1                   | 15.7                   | 1718.3    |           |                        |
| 62. 37 <sup>34</sup> - 7 <sup>45</sup> | 35.3                   | 6.1                    | 661.0     |           |                        |
| 63. 37 <sup>36</sup> - 7 <sup>23</sup> | 23.5                   | 3.0                    | 48.4      |           |                        |
| 64. 37 <sup>36</sup> - 7 <sup>27</sup> | 270.3                  | 43.5                   | 2325.3    |           |                        |
| 65. 37 <sup>36</sup> - 7 <sup>31</sup> | 47.8                   | 9.8                    | 1711.9    |           |                        |
| 66. 37 <sup>36</sup> - 7 <sup>33</sup> | 121.1                  | 21.1                   | 1712.9    |           |                        |
| 67. 37 <sup>36</sup> - 7 <sup>35</sup> | 159.9                  | 28.3                   | 1713.6    |           |                        |
| 68. 37 <sup>36</sup> - 7 <sup>37</sup> | 132.2                  | 23.9                   | 1713.2    |           |                        |
| 69. 37 <sup>36</sup> - 7 <sup>39</sup> | 14.3                   | 2.7                    | 395.5     |           |                        |
| 70. 37 <sup>36</sup> - 7 <sup>40</sup> | 18.5                   | 3.4                    | 396.2     |           |                        |
| 71. 37 <sup>36</sup> - 7 <sup>41</sup> | 22.0                   | 3.8                    | 396.7     |           |                        |
| 72. 37 <sup>36</sup> - 7 <sup>42</sup> | 22.0                   | 3.8                    | 396.7     |           |                        |
| 73. 37 <sup>36</sup> - 7 <sup>43</sup> | 651.2                  | 162.8                  | 2203.5    |           |                        |
| 74. 37 <sup>36</sup> - 7 <sup>45</sup> | 184.1                  | 31.4                   | 847.1     |           |                        |
| 75. 37 <sup>37</sup> - 7 <sup>39</sup> | 50.5                   | 8.7                    | 395.9     |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1970

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 76. 37 <sup>37</sup> - 7 <sup>40</sup> | 50.5                   | 8.7                    | 395.9     |           |                        |
| 77. 37 <sup>37</sup> - 7 <sup>41</sup> | 806.3                  | 361.8                  | 443.1     |           |                        |
| 78. 37 <sup>37</sup> - 7 <sup>42</sup> | 719.0                  | 297.4                  | 543.4     |           |                        |
| 79. 37 <sup>38</sup> - 7 <sup>31</sup> | 245.4                  | 42.5                   | 1715.0.   |           |                        |
| 80. 37 <sup>38</sup> - 7 <sup>33</sup> | 482.4                  | 82.1                   | 1717.8    |           |                        |
| 81. 37 <sup>38</sup> - 7 <sup>35</sup> | 527.9                  | 89.8                   | 1718.3    |           |                        |
| 82. 37 <sup>38</sup> - 7 <sup>37</sup> | 527.9                  | 89.8                   | 1718.3    |           |                        |
| 83. 37 <sup>38</sup> - 7 <sup>39</sup> | 575.5                  | 97.8                   | 1828.6    |           |                        |
| 84. 37 <sup>38</sup> - 7 <sup>41</sup> | 836.3                  | 366.7                  | 443.8     |           |                        |
| 85. 37 <sup>38</sup> - 7 <sup>42</sup> | 592.6                  | 225.4                  | 592.3     |           |                        |
| 86. 37 <sup>38</sup> - 7 <sup>43</sup> | 922.6                  | 157.2                  | 2751.8    |           |                        |
| 87. 37 <sup>38</sup> - 7 <sup>45</sup> | 306.9                  | 51.0                   | 351.0     |           |                        |
| 88. 37 <sup>39</sup> - 7 <sup>41</sup> | 816.3                  | 338.5                  | 549.0     |           |                        |
| 89. 37 <sup>39</sup> - 7 <sup>42</sup> | 771.4                  | 306.1                  | 603.3     |           |                        |
| 90. 37 <sup>40</sup> - 7 <sup>27</sup> | 369.1                  | 60.4                   | 53.4      |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1970

| (1)<br>Master Grid<br>Designation       | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                         | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 91. 37 <sup>40</sup> - 7 <sup>31</sup>  | 1939.1                 | 329.9                  | 6344.4    |           |                        |
| 92. 37 <sup>40</sup> - 7 <sup>35</sup>  | 2103.1                 | 358.3                  | 7135.8    |           |                        |
| 93. 37 <sup>40</sup> - 7 <sup>39</sup>  | 805.1                  | 136.9                  | 2337.7    |           |                        |
| 94. 37 <sup>40</sup> - 7 <sup>41</sup>  | 922.6                  | 157.2                  | 2751.8    |           |                        |
| 95. 37 <sup>40</sup> - 7 <sup>43</sup>  | 922.6                  | 157.2                  | 2751.8    |           |                        |
| 96. 37 <sup>40</sup> - 7 <sup>45</sup>  | 295.6                  | 50.6                   | 990.5     |           |                        |
| 97. 37 <sup>42</sup> - 7 <sup>39</sup>  | 508.1                  | 86.5                   | 1718.0    |           |                        |
| 98. 37 <sup>42</sup> - 7 <sup>41</sup>  | 805.1                  | 136.9                  | 2337.7    |           |                        |
| 99. 37 <sup>42</sup> - 7 <sup>43</sup>  | 922.6                  | 157.2                  | 2751.8    |           |                        |
| 100. 37 <sup>42</sup> - 7 <sup>45</sup> | 295.6                  | 50.6                   | 990.5     |           |                        |
| 101. 37 <sup>44</sup> - 7 <sup>33</sup> | 233.0                  | 39.4                   | 661.6     |           |                        |
| 102. 37 <sup>44</sup> - 7 <sup>35</sup> | 1093.1                 | 193.9                  | 6594.8    |           |                        |
| 103. 37 <sup>44</sup> - 7 <sup>39</sup> | 1571.9                 | 318.4                  | 23790.2   |           |                        |
| 104. 37 <sup>48</sup> - 7 <sup>35</sup> | 54.4                   | 20.2                   | 4126.4    |           |                        |
| 105. 37 <sup>52</sup> - 7 <sup>35</sup> | 16.7                   | 4.6                    | 164.3     |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1970

| (1)<br>Master Grid<br>Designation       | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                         | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 106. 37 <sup>52</sup> - 7 <sup>39</sup> | 69.6                   | 21.8                   | 1067.4    |           |                        |
| 107. 37 <sup>50</sup> - 7 <sup>33</sup> | 5.6                    | .6                     | .6        |           |                        |
| 108. 37 <sup>50</sup> - 7 <sup>41</sup> | 7.0                    | .7                     | .7        |           |                        |
| 109. 37 <sup>58</sup> - 7 <sup>33</sup> | 0                      | 0                      | 0         |           |                        |
| 110. 37 <sup>58</sup> - 7 <sup>41</sup> | 26.8                   | 10.1                   | 982.2     |           |                        |
| 111. 37 <sup>58</sup> - 7 <sup>49</sup> | 17.5                   | 6.6                    | 639.5     |           |                        |
| 112. 37 <sup>58</sup> - 7 <sup>57</sup> | 3.7                    | 1.4                    | 137.1     |           |                        |
| 113. 37 <sup>64</sup> - 7 <sup>33</sup> | 8.4                    | 2.4                    | 205.8     |           |                        |
| 114. 37 <sup>64</sup> - 7 <sup>41</sup> | 46.3                   | 23.9                   | 2650.0    |           |                        |
| 115. 37 <sup>64</sup> - 7 <sup>49</sup> | 38.5                   | 14.3                   | 1393.3    |           |                        |
| 116. 37 <sup>64</sup> - 7 <sup>57</sup> | 26.3                   | 9.4                    | 913.7     |           |                        |
| 117. 37 <sup>64</sup> - 7 <sup>65</sup> | 9.3                    | 3.5                    | 342.6     |           |                        |
| 118. 37 <sup>72</sup> - 7 <sup>33</sup> | 5.6                    | 2.1                    | 205.5     |           |                        |
| 119. 37 <sup>72</sup> - 7 <sup>41</sup> | 32.4                   | 12.2                   | 1187.7    |           |                        |
| 120. 37 <sup>72</sup> - 7 <sup>49</sup> | 30.5                   | 11.5                   | 1119.2    |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1970

| (1)<br>Master Grid<br>Designation       | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                         | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 121. 37 <sup>72</sup> - 7 <sup>57</sup> | 5.6                    | 2.1                    | 205.5     |           |                        |
| 122. 37 <sup>80</sup> - 7 <sup>41</sup> | 9.3                    | 3.5                    | 342.6     |           |                        |
| 123. 37 <sup>80</sup> - 7 <sup>49</sup> | 13.7                   | 5.2                    | 502.5     |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |
| 37 - 7                                  |                        |                        |           |           |                        |

Table 4.2

## Master Grid Emissions

A. County FultonB. Year 1975

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 1. 37 10- 7 01                    | 122.9                  | 24.4                   | 1399.6    |           |                        |
| 2. 37 10- 7 09                    | 129.5                  | 25.6                   | 1472.1    |           |                        |
| 3. 37 10- 7 17                    | 119.6                  | 27.6                   | 1644.5    |           |                        |
| 4. 37 10- 7 25                    | 93.8                   | 21.5                   | 1317.6    |           |                        |
| 5. 37 10- 7 33                    | 25.8                   | 5.1                    | 289.7     |           |                        |
| 6. 37 18- 7 01                    | 58.6                   | 11.7                   | 675.4     |           |                        |
| 7. 37 18- 7 09                    | 116.1                  | 23.1                   | 1327.1    |           |                        |
| 8. 37 18- 7 17                    | 130.5                  | 27.0                   | 1569.1    |           |                        |
| 9. 37 18- 7 25                    | 111.5                  | 23.0                   | 1417.9    |           |                        |
| 10. 37 18- 7 33                   | 31.0                   | 5.5                    | 291.3     |           |                        |
| 11. 37 26- 7 09                   | 12.6                   | 2.4                    | 144.8     |           |                        |
| 12. 37 26- 7 17                   | 103.6                  | 20.6                   | 1182.4    |           |                        |
| 13. 37 26- 7 25                   | 43.5                   | 6.4                    | 294.8     |           |                        |
| 14. 37 34- 7 17                   | 16.9                   | 1.2                    | 5.0       |           |                        |
| 15. 37 34- 7 25                   | 22.8                   | 1.6                    | 6.7       |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1975

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 16. 37 <sup>22</sup> - 7 <sup>31</sup> | 62.1                   | 27.0                   | 457.9     |           |                        |
| 17. 37 <sup>22</sup> - 7 <sup>33</sup> | 75.4                   | 29.1                   | 497.2     |           |                        |
| 18. 37 <sup>22</sup> - 7 <sup>35</sup> | 38.7                   | 13.9                   | 296.2     |           |                        |
| 19. 37 <sup>24</sup> - 7 <sup>27</sup> | 131.6                  | 41.5                   | 882.8     |           |                        |
| 20. 37 <sup>24</sup> - 7 <sup>31</sup> | 114.5                  | 41.8                   | 56.2      |           |                        |
| 21. 37 <sup>24</sup> - 7 <sup>33</sup> | 119.2                  | 43.2                   | 619.2     |           |                        |
| 22. 37 <sup>24</sup> - 7 <sup>35</sup> | 76.0                   | 27.4                   | 415.7     |           |                        |
| 23. 37 <sup>26</sup> - 7 <sup>31</sup> | 111.3                  | 45.7                   | 712.1     |           |                        |
| 24. 37 <sup>26</sup> - 7 <sup>33</sup> | 124.1                  | 51.6                   | 982.4     |           |                        |
| 25. 37 <sup>26</sup> - 7 <sup>35</sup> | 119.9                  | 43.2                   | 712.3     |           |                        |
| 26. 37 <sup>26</sup> - 7 <sup>37</sup> | 119.2                  | 44.5                   | 570.1     |           |                        |
| 27. 37 <sup>26</sup> - 7 <sup>39</sup> | 120.8                  | 50.3                   | 591.9     |           |                        |
| 28. 37 <sup>26</sup> - 7 <sup>41</sup> | 99.9                   | 28.6                   | 1284.0    |           |                        |
| 29. 37 <sup>26</sup> - 7 <sup>43</sup> | 89.5                   | 15.9                   | 1016.9    |           |                        |
| 30. 37 <sup>26</sup> - 7 <sup>45</sup> | 39.1                   | 6.8                    | 391.8     |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1975

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 31. 37 28 - 7 27                  | 154.8                  | 31.3                   | 2863.3    |           |                        |
| 32. 37 28 - 7 31                  | 47.3                   | 9.5                    | 156.3     |           |                        |
| 33. 37 28 - 7 33                  | 20.1                   | 15.1                   | 832.2     |           |                        |
| 34. 37 28 - 7 35                  | 123.3                  | 52.9                   | 840.2     |           |                        |
| 35. 37 28 - 7 37                  | 123.3                  | 52.9                   | 840.2     |           |                        |
| 36. 37 28 - 7 39                  | 111.7                  | 40.1                   | 1423.2    |           |                        |
| 37. 37 28 - 7 41                  | 94.3                   | 21.1                   | 1028.5    |           |                        |
| 38. 37 28 - 7 43                  | 89.5                   | 15.9                   | 1016.9    |           |                        |
| 39. 37 28 - 7 45                  | 37.8                   | 6.6                    | 391.6     |           |                        |
| 40. 37 30 - 7 31                  | 49.4                   | 10.1                   | 1010.1    |           |                        |
| 41. 37 30 - 7 33                  | 95.5                   | 37.1                   | 1077.4    |           |                        |
| 42. 37 30 - 7 35                  | 110.4                  | 46.5                   | 995.7     |           |                        |
| 43. 37 30 - 7 37                  | 107.9                  | 44.6                   | 995.9     |           |                        |
| 44. 37 30 - 7 39                  | 97.5                   | 25.7                   | 1084.9    |           |                        |
| 45. 37 30 - 7 41                  | 88.1                   | 15.1                   | 862.2     |           |                        |

**Table 4.2**  
**Master Grid Emissions**

A. County Fulton  
B. Year 1975

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 46. 37 30 - 7 43                  | 89.5                   | 15.9                   | 1016.9    |           |                        |
| 47. 37 30 - 7 45                  | 37.8                   | 6.6                    | 391.6     |           |                        |
| 48. 37 32 - 7 23                  | 7.8                    | 4.3                    | 307.1     |           |                        |
| 49. 37 32 - 7 27                  | 154.3                  | 26.3                   | 1567.3    |           |                        |
| 50. 37 32 - 7 31                  | 191.7                  | 38.0                   | 3492.2    |           |                        |
| 51. 37 32 - 7 35                  | 49.7                   | 9.2                    | 5.5       |           |                        |
| 52. 37 32 - 7 37                  | 48.3                   | 5.9                    | 6.3       |           |                        |
| 53. 37 32 - 7 39                  | 86.7                   | 14.3                   | 707.6     |           |                        |
| 54. 37 32 - 7 41                  | 89.5                   | 15.9                   | 1016.9    |           |                        |
| 55. 37 32 - 7 43                  | 89.5                   | 15.9                   | 1016.9    |           |                        |
| 56. 37 32 - 7 45                  | 37.8                   | 6.6                    | 391.6     |           |                        |
| 57. 37 34 - 7 35                  | 49.4                   | 10.1                   | 1010.1    |           |                        |
| 58. 37 34 - 7 37                  | 51.0                   | 10.3                   | 1010.4    |           |                        |
| 59. 37 34 - 7 39                  | 67.5                   | 12.9                   | 1013.5    |           |                        |
| 60. 37 34 - 7 41                  | 89.5                   | 15.9                   | 1016.9    |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1975

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 61. 37 34 - 7 43                  | 89.5                   | 15.9                   | 1016.9    |           |                        |
| 62. 37 34 - 7 45                  | 35.1                   | 6.2                    | 391.2     |           |                        |
| 63. 37 36 - 7 23                  | 25.1                   | 3.4                    | 50.2      |           |                        |
| 64. 37 36 - 7 27                  | 303.4                  | 49.1                   | 1469.8    |           |                        |
| 65. 37 36 - 7 31                  | 49.4                   | 10.1                   | 1010.1    |           |                        |
| 66. 37 36 - 7 33                  | 138.9                  | 24.7                   | 1011.2    |           |                        |
| 67. 37 36 - 7 35                  | 186.0                  | 32.0                   | 1012.0    |           |                        |
| 68. 37 36 - 7 37                  | 152.0                  | 26.7                   | 1011.5    |           |                        |
| 69. 37 36 - 7 39                  | 14.9                   | 2.8                    | 233.6     |           |                        |
| 70. 37 36 - 7 40                  | 18.7                   | 3.4                    | 234.3     |           |                        |
| 71. 37 36 - 7 41                  | 21.8                   | 3.9                    | 234.9     |           |                        |
| 72. 37 36 - 7 42                  | 21.8                   | 3.9                    | 234.9     |           |                        |
| 73. 37 36 - 7 43                  | 720.0                  | 195.0                  | 1560.5    |           |                        |
| 74. 37 36 - 7 45                  | 208.8                  | 38.1                   | 599.9     |           |                        |
| 75. 37 37 - 7 39                  | 59.1                   | 9.9                    | 234.0     |           |                        |

Table 4.2

## Master Grid Emissions

A. County FultonB. Year 1975

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 76. 37 37 - 7 40                  | 59.1                   | 9.9                    | 234.0     |           |                        |
| 77. 37 37 - 7 41                  | 834.8                  | 431.3                  | 285.6     |           |                        |
| 78. 37 37 - 7 42                  | 754.4                  | 355.1                  | 398.3     |           |                        |
| 79. 37 38 - 7 31                  | 289.7                  | 48.7                   | 1013.5    |           |                        |
| 80. 37 38 - 7 33                  | 579.0                  | 95.4                   | 1016.6    |           |                        |
| 81. 37 38 - 7 35                  | 634.6                  | 104.4                  | 1017.3    |           |                        |
| 82. 37 38 - 7 37                  | 634.6                  | 104.4                  | 1017.3    |           |                        |
| 83. 37 38 - 7 39                  | 781.2                  | 141.7                  | 1182.0    |           |                        |
| 84. 37 38 - 7 41                  | 870.9                  | 437.0                  | 286.3     |           |                        |
| 85. 37 38 - 7 42                  | 629.7                  | 269.6                  | 453.5     |           |                        |
| 86. 37 38 - 7 43                  | 1059.7                 | 192.9                  | 2175.5    |           |                        |
| 87. 37 38 - 7 45                  | 353.0                  | 63.0                   | 393.3     |           |                        |
| 88. 37 39 - 7 41                  | 761.9                  | 377.2                  | 363.2     |           |                        |
| 89. 37 39 - 7 42                  | 814.6                  | 356.9                  | 465.5     |           |                        |
| 90. 57 40 - 7 27                  | 445.6                  | 71.0                   | 55.3      |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1975

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 91. 37 40- 7 31                   | 2331.3                 | 383.7                  | 3755.9    |           |                        |
| 92. 37 40- 7 35                   | 2528.0                 | 416.7                  | 4223.5    |           |                        |
| 93. 37 40- 7 39                   | 938.4                  | 165.2                  | 1711.3    |           |                        |
| 94. 37 40- 7 41                   | 1059.7                 | 192.9                  | 2175.5    |           |                        |
| 95. 37 40- 7 43                   | 1059.7                 | 192.9                  | 2175.5    |           |                        |
| 96. 37 40- 7 45                   | 339.4                  | 62.0                   | 760.7     |           |                        |
| 97. 37 42- 7 39                   | 610.6                  | 100.6                  | 1016.8    |           |                        |
| 98. 37 42- 7 41                   | 938.4                  | 165.2                  | 1711.3    |           |                        |
| 99. 37 42- 7 43                   | 1059.7                 | 192.9                  | 2175.5    |           |                        |
| 100. 37 42- 7 45                  | 342.9                  | 64.0                   | 1147.3    |           |                        |
| 101. 37 44- 7 33                  | 280.2                  | 45.9                   | 392.0     |           |                        |
| 102. 37 44- 7 35                  | 1307.9                 | 223.6                  | 3896.9    |           |                        |
| 103. 37 44- 7 39                  | 1813.9                 | 366.0                  | 14495.0   |           |                        |
| 104. 37 48- 7 35                  | 56.9                   | 21.1                   | 2454.8    |           |                        |
| 105. 37 52- 7 35                  | 19.2                   | 5.8                    | 170.5     |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1975

| (1)<br>Master Grid<br>Designation       | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                         | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 106. 37 <sup>52</sup> - 7 <sup>39</sup> | 81.2                   | 28.4                   | 1106.4    |           |                        |
| 107. 37 <sup>50</sup> - 7 <sup>33</sup> | 9.7                    | 1.1                    | 1.1       |           |                        |
| 108. 37 <sup>50</sup> - 7 <sup>41</sup> | 12.1                   | 1.4                    | 1.4       |           |                        |
| 109. 37 <sup>58</sup> - 7 <sup>33</sup> | 0.0                    | 0.0                    | 0.0       |           |                        |
| 110. 37 <sup>58</sup> - 7 <sup>41</sup> | 45.5                   | 16.3                   | 1018.0    |           |                        |
| 111. 37 <sup>58</sup> - 7 <sup>49</sup> | 29.6                   | 10.6                   | 662.9     |           |                        |
| 112. 37 <sup>58</sup> - 7 <sup>57</sup> | 6.3                    | 2.2                    | 142.1     |           |                        |
| 113. 37 <sup>64</sup> - 7 <sup>33</sup> | 14.3                   | 3.9                    | 213.6     |           |                        |
| 114. 37 <sup>64</sup> - 7 <sup>41</sup> | 73.5                   | 37.2                   | 2555.6    |           |                        |
| 115. 37 <sup>64</sup> - 7 <sup>49</sup> | 65.3                   | 23.2                   | 1444.2    |           |                        |
| 116. 37 <sup>64</sup> - 7 <sup>57</sup> | 44.7                   | 15.5                   | 947.3     |           |                        |
| 117. 37 <sup>64</sup> - 7 <sup>65</sup> | 15.9                   | 5.7                    | 355.1     |           |                        |
| 118. 37 <sup>72</sup> - 7 <sup>33</sup> | 9.5                    | 3.7                    | 213.3     |           |                        |
| 119. 37 <sup>72</sup> - 7 <sup>41</sup> | 55.0                   | 19.7                   | 1231.0    |           |                        |
| 120. 37 <sup>72</sup> - 7 <sup>49</sup> | 51.8                   | 18.6                   | 1160.1    |           |                        |

## Master Grid Emissions

[illegible]

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1980

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 1. 37 10 - 7 01                   | 164.1                  | 31.1                   | 755.6     |           |                        |
| 2. 37 10 - 7 09                   | 173.0                  | 32.7                   | 794.9     |           |                        |
| 3. 37 10 - 7 17                   | 160.7                  | 35.5                   | 934.0     |           |                        |
| 4. 37 10 - 7 25                   | 127.8                  | 28.3                   | 851.6     |           |                        |
| 5. 37 10 - 7 33                   | 34.4                   | 6.5                    | 156.5     |           |                        |
| 6. 37 18 - 7 01                   | 78.4                   | 15.0                   | 364.4     |           |                        |
| 7. 37 18 - 7 09                   | 155.4                  | 29.5                   | 716.5     |           |                        |
| 8. 37 18 - 7 17                   | 174.6                  | 34.5                   | 859.9     |           |                        |
| 9. 37 18 - 7 25                   | 155.5                  | 32.4                   | 1128.9    |           |                        |
| 10. 37 18 - 7 33                  | 41.6                   | 7.0                    | 158.6     |           |                        |
| 11. 37 26 - 7 09                  | 16.9                   | 3.2                    | 78.1      |           |                        |
| 12. 37 26 - 7 17                  | 138.5                  | 26.2                   | 638.4     |           |                        |
| 13. 37 26 - 7 25                  | 58.5                   | 8.3                    | 163.5     |           |                        |
| 14. 37 34 - 7 17                  | 23.0                   | 1.7                    | 6.8       |           |                        |
| 15. 37 34 - 7 25                  | 30.8                   | 2.3                    | 9.1       |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1980

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 16. 37 <sup>22</sup> - 7 <sup>31</sup> | 70.2                   | 32.5                   | 221.6     |           |                        |
| 17. 37 <sup>22</sup> - 7 <sup>33</sup> | 86.1                   | 35.6                   | 286.0     |           |                        |
| 18. 37 <sup>22</sup> - 7 <sup>35</sup> | 44.5                   | 17.2                   | 183.2     |           |                        |
| 19. 37 <sup>24</sup> - 7 <sup>27</sup> | 146.1                  | 49.5                   | 409.1     |           |                        |
| 20. 37 <sup>24</sup> - 7 <sup>31</sup> | 129.6                  | 51.0                   | 34.1      |           |                        |
| 21. 37 <sup>24</sup> - 7 <sup>33</sup> | 136.3                  | 53.1                   | 382.2     |           |                        |
| 22. 37 <sup>24</sup> - 7 <sup>35</sup> | 87.1                   | 33.7                   | 258.0     |           |                        |
| 23. 37 <sup>26</sup> - 7 <sup>31</sup> | 125.5                  | 54.7                   | 346.4     |           |                        |
| 24. 37 <sup>26</sup> - 7 <sup>33</sup> | 141.0                  | 62.4                   | 514.8     |           |                        |
| 25. 37 <sup>26</sup> - 7 <sup>35</sup> | 137.4                  | 151.5                  | 441.6     |           |                        |
| 26. 37 <sup>26</sup> - 7 <sup>37</sup> | 135.8                  | 54.4                   | 333.7     |           |                        |
| 27. 37 <sup>26</sup> - 7 <sup>39</sup> | 136.2                  | 60.0                   | 273.6     |           |                        |
| 28. 37 <sup>26</sup> - 7 <sup>41</sup> | 104.8                  | 31.3                   | 559.6     |           |                        |
| 29. 37 <sup>26</sup> - 7 <sup>43</sup> | 91.2                   | 16.5                   | 430.0     |           |                        |
| 30. 37 <sup>26</sup> - 7 <sup>45</sup> | 39.8                   | 7.0                    | 166.2     |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1980

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 31. 37 <sup>28</sup> - 7 27       | 164.1                  | 32.8                   | 1214.8    |           |                        |
| 32. 37 <sup>28</sup> - 7 31       | 51.4                   | 11.0                   | 80.8      |           |                        |
| 33. 37 <sup>28</sup> - 7 33       | 22.6                   | 17.5                   | 398.4     |           |                        |
| 34. 37 <sup>28</sup> - 7 35       | 139.4                  | 63.6                   | 406.9     |           |                        |
| 35. 37 <sup>28</sup> - 7 37       | 139.4                  | 63.6                   | 406.9     |           |                        |
| 36. 37 <sup>28</sup> - 7 39       | 124.1                  | 45.9                   | 637.5     |           |                        |
| 37. 37 <sup>28</sup> - 7 41       | 97.4                   | 22.6                   | 441.2     |           |                        |
| 38. 37 <sup>28</sup> - 7 43       | 91.2                   | 16.5                   | 430.0     |           |                        |
| 39. 37 <sup>28</sup> - 7 45       | 38.5                   | 6.8                    | 165.9     |           |                        |
| 40. 37 <sup>30</sup> - 7 31       | 52.2                   | 10.5                   | 422.9     |           |                        |
| 41. 37 <sup>30</sup> - 7 33       | 106.4                  | 43.8                   | 485.6     |           |                        |
| 42. 37 <sup>30</sup> - 7 35       | 124.4                  | 55.4                   | 466.4     |           |                        |
| 43. 37 <sup>30</sup> - 7 37       | 121.0                  | 53.1                   | 466.5     |           |                        |
| 44. 37 <sup>30</sup> - 7 39       | 102.4                  | 28.7                   | 481.7     |           |                        |
| 45. 37 <sup>30</sup> - 7 41       | 89.8                   | 15.7                   | 365.8     |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1980

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 46. 37 30 - 7 43                  | 91.2                   | 16.5                   | 430.0     |           |                        |
| 47. 37 30 - 7 45                  | 38.5                   | 6.8                    | 165.9     |           |                        |
| 48. 37 32 - 7 23                  | 8.7                    | 5.2                    | 160.3     |           |                        |
| 49. 37 32 - 7 27                  | 165.1                  | 28.1                   | 687.2     |           |                        |
| 50. 37 32 - 7 31                  | 203.1                  | 39.4                   | 1471.1    |           |                        |
| 51. 37 32 - 7 35                  | 54.1                   | 10.6                   | 5.9       |           |                        |
| 52. 37 32 - 7 37                  | 51.0                   | 6.3                    | 6.8       |           |                        |
| 53. 37 32 - 7 39                  | 88.5                   | 14.9                   | 301.5     |           |                        |
| 54. 37 32 - 7 41                  | 91.2                   | 16.5                   | 430.0     |           |                        |
| 55. 37 32 - 7 43                  | 91.2                   | 16.5                   | 430.0     |           |                        |
| 56. 37 32 - 7 45                  | 38.5                   | 6.8                    | 165.9     |           |                        |
| 57. 37 34 - 7 35                  | 52.2                   | 10.5                   | 422.9     |           |                        |
| 58. 37 34 - 7 37                  | 53.7                   | 10.7                   | 423.1     |           |                        |
| 59. 37 34 - 7 39                  | 69.3                   | 13.2                   | 426.4     |           |                        |
| 60. 37 34 - 7 41                  | 91.2                   | 16.5                   | 430.0     |           |                        |

Table 4.2  
Master Grid Emissions

A. County Fulton  
B. Year 1980

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 61. 37 34 - 7 43                  | 91.2                   | 16.5                   | 430.0     |           |                        |
| 62. 37 34 - 7 45                  | 35.8                   | 6.4                    | 165.6     |           |                        |
| 63. 37 36 - 7 23                  | 27.0                   | 3.7                    | 27.9      |           |                        |
| 64. 37 36 - 7 27                  | 345.7                  | 55.5                   | 646.6     |           |                        |
| 65. 37 36 - 7 31                  | 52.2                   | 10.5                   | 422.9     |           |                        |
| 66. 37 36 - 7 33                  | 162.2                  | 28.0                   | 424.0     |           |                        |
| 67. 37 36 - 7 35                  | 219.6                  | 37.1                   | 425.0     |           |                        |
| 68. 37 36 - 7 37                  | 178.1                  | 30.5                   | 424.4     |           |                        |
| 69. 37 36 - 7 39                  | 15.6                   | 2.9                    | 98.1      |           |                        |
| 70. 37 36 - 7 40                  | 19.2                   | 3.6                    | 98.1      |           |                        |
| 71. 37 36 - 7 41                  | 22.4                   | 4.0                    | 99.5      |           |                        |
| 72. 37 36 - 7 42                  | 22.4                   | 4.0                    | 99.5      |           |                        |
| 73. 37 36 - 7 43                  | 856.3                  | 238.0                  | 1078.7    |           |                        |
| 74. 37 36 - 7 45                  | 243.3                  | 44.2                   | 254.5     |           |                        |
| 75. 37 37 - 7 39                  | 70.3                   | 11.6                   | 98.6      |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1980

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 76. 37 37- 7 40                   | 70.3                   | 11.6                   | 98.6      |           |                        |
| 77. 37 37- 7 41                   | 1008.6                 | 525.8                  | 154.8     |           |                        |
| 78. 37 37- 7 42                   | 910.2                  | 433.3                  | 290.7     |           |                        |
| 79. 37 38- 7 31                   | 346.7                  | 57.3                   | 426.7     |           |                        |
| 80. 37 38- 7 33                   | 702.3                  | 114.3                  | 430.2     |           |                        |
| 81. 37 38- 7 35                   | 770.8                  | 125.2                  | 431.0     |           |                        |
| 82. 37 38- 7 37                   | 770.8                  | 125.2                  | 431.0     |           |                        |
| 83. 37 38- 7 39                   | 831.8                  | 138.5                  | 578.5     |           |                        |
| 84. 37 38- 7 41                   | 1052.6                 | 532.5                  | 155.6     |           |                        |
| 85. 37 38- 7 42                   | 759.1                  | 329.2                  | 256.8     |           |                        |
| 86. 37 38- 7 43                   | 1269.0                 | 238.3                  | 1815.2    |           |                        |
| 87. 37 38- 7 45                   | 423.5                  | 78.3                   | 469.7     |           |                        |
| 88. 37 39- 7 41                   | 1033.8                 | 493.1                  | 297.3     |           |                        |
| 89. 37 39- 7 42                   | 982.5                  | 446.7                  | 371.0     |           |                        |
| 90. 37 40- 7 27                   | 542.8                  | 85.9                   | 34.1      |           |                        |

Table 4.2

## Master Grid Emissions

A. County FultonB. Year 1980

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 91. 37 40 - 7 31                  | 2831.5                 | 459.9                  | 1591.0    |           |                        |
| 92. 37 40 - 7 35                  | 3069.9                 | 499.1                  | 1787.8    |           |                        |
| 93. 37 40 - 7 39                  | 1129.2                 | 202.4                  | 1260.4    |           |                        |
| 94. 37 40 - 7 41                  | 1272.4                 | 240.4                  | 1975.8    |           |                        |
| 95. 37 40 - 7 43                  | 1269.0                 | 238.3                  | 1815.2    |           |                        |
| 96. 37 40 - 7 45                  | 406.2                  | 76.6                   | 607.4     |           |                        |
| 97. 37 42 - 7 39                  | 741.5                  | 120.5                  | 430.4     |           |                        |
| 98. 37 42 - 7 41                  | 1129.2                 | 202.4                  | 1260.4    |           |                        |
| 99. 37 42 - 7 43                  | 1269.0                 | 238.3                  | 1815.2    |           |                        |
| 100. 37 42 - 7 45                 | 406.2                  | 76.6                   | 607.4     |           |                        |
| 101. 37 44 - 7 35                 | 371.3                  | 73.9                   | 1612.1    |           |                        |
| 102. 37 44 - 7 39                 | 1552.1                 | 246.9                  | 194.9     |           |                        |
| 103. 37 48 - 7 35                 | 2064.4                 | 413.8                  | 6728.1    |           |                        |
| 104. 37 48 - 7 35                 | 61.7                   | 22.2                   | 1032.5    |           |                        |
| 105. 37 52 - 7 35                 | 22.0                   | 6.8                    | 92.0      |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1980

| (1)<br>Master Grid<br>Designation | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                   | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 106. 37 52- 7 39                  | 93.9                   | 33.4                   | 589.3     |           |                        |
| 107. 37 50- 7 33                  | 13.8                   | 1.6                    | 1.6       |           |                        |
| 108. 37 50- 7 41                  | 17.3                   | 2.0                    | 2.0       |           |                        |
| 109. 37 58- 7 33                  | 0.0                    | 0.0                    | 0.0       |           |                        |
| 110. 37 58- 7 41                  | 62.4                   | 20.7                   | 533.8     |           |                        |
| 111. 37 58- 7 49                  | 40.6                   | 13.5                   | 347.7     |           |                        |
| 112. 37 58- 7 57                  | 8.7                    | 2.9                    | 74.5      |           |                        |
| 113. 37 64- 7 33                  | 20.0                   | 5.2                    | 112.5     |           |                        |
| 114. 37 64- 7 41                  | 109.3                  | 50.2                   | 1691.1    |           |                        |
| 115. 37 64- 7 49                  | 89.6                   | 29.6                   | 757.7     |           |                        |
| 116. 37 64- 7 57                  | 77.3                   | 19.6                   | 497.2     |           |                        |
| 117. 37 64- 7 65                  | 21.8                   | 7.3                    | 186.2     |           |                        |
| 118. 37 72- 7 33                  | 13.1                   | 4.4                    | 111.7     |           |                        |
| 119. 37 72- 7 41                  | 75.4                   | 25.1                   | 645.8     |           |                        |
| 120. 37 72- 7 49                  | 71.1                   | 23.6                   | 608.6     |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1980

| (1)<br>Master Grid<br>Designation       | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                         | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 121. 37 <sup>72</sup> - 7 <sup>57</sup> | 13.1                   | 4.4                    | 111.7     |           |                        |
| 122. 37 <sup>80</sup> - 7 <sup>41</sup> | 21.8                   | 7.3                    | 186.2     |           |                        |
| 123. 37 <sup>80</sup> - 7 <sup>49</sup> | 31.9                   | 10.6                   | 273.2     |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |
|                                         |                        |                        |           |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1985

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 1. 37 <sup>10</sup> - 7 <sup>01</sup>  | 217.7                  | 45.1                   | 861.0     |           |                        |
| 2. 37 <sup>10</sup> - 7 <sup>09</sup>  | 229.3                  | 47.5                   | 905.7     |           |                        |
| 3. 37 <sup>10</sup> - 7 <sup>17</sup>  | 212.5                  | 50.8                   | 989.5     |           |                        |
| 4. 37 <sup>10</sup> - 7 <sup>25</sup>  | 168.4                  | 40.3                   | 867.2     |           |                        |
| 5. 37 <sup>10</sup> - 7 <sup>33</sup>  | 45.7                   | 9.4                    | 178.4     |           |                        |
| 6. 37 <sup>18</sup> - 7 <sup>01</sup>  | 104.1                  | 21.7                   | 415.1     |           |                        |
| 7. 37 <sup>18</sup> - 7 <sup>09</sup>  | 206.1                  | 42.9                   | 816.3     |           |                        |
| 8. 37 <sup>18</sup> - 7 <sup>17</sup>  | 231.2                  | 49.9                   | 959.0     |           |                        |
| 9. 37 <sup>18</sup> - 7 <sup>25</sup>  | 203.1                  | 44.7                   | 1066.2    |           |                        |
| 10. 37 <sup>18</sup> - 7 <sup>33</sup> | 54.9                   | 10.1                   | 181.1     |           |                        |
| 11. 37 <sup>26</sup> - 7 <sup>09</sup> | 22.4                   | 4.7                    | 89.0      |           |                        |
| 12. 37 <sup>26</sup> - 7 <sup>17</sup> | 183.6                  | 38.2                   | 727.3     |           |                        |
| 13. 37 <sup>26</sup> - 7 <sup>25</sup> | 76.9                   | 11.8                   | 187.7     |           |                        |
| 14. 37 <sup>34</sup> - 7 <sup>17</sup> | 29.8                   | 2.2                    | 9.0       |           |                        |
| 15. 37 <sup>34</sup> - 7 <sup>25</sup> | 40.0                   | 3.1                    | 12.2      |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1985

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 16. 37 <sup>22</sup> - 7 <sup>31</sup> | 78.2                   | 157.6                  | 144.9     |           |                        |
| 17. 37 <sup>22</sup> - 7 <sup>33</sup> | 96.5                   | 41.4                   | 202.2     |           |                        |
| 18. 37 <sup>22</sup> - 7 <sup>35</sup> | 49.6                   | 19.9                   | 124.2     |           |                        |
| 19. 37 <sup>24</sup> - 7 <sup>27</sup> | 164.7                  | 58.8                   | 356.9     |           |                        |
| 20. 37 <sup>24</sup> - 7 <sup>31</sup> | 146.3                  | 59.9                   | 42.3      |           |                        |
| 21. 37 <sup>24</sup> - 7 <sup>33</sup> | 152.8                  | 61.6                   | 267.8     |           |                        |
| 22. 37 <sup>24</sup> - 7 <sup>35</sup> | 97.3                   | 39.0                   | 176.5     |           |                        |
| 23. 37 <sup>26</sup> - 7 <sup>31</sup> | 140.1                  | 62.8                   | 233.7     |           |                        |
| 24. 37 <sup>26</sup> - 7 <sup>33</sup> | 157.2                  | 71.4                   | 340.7     |           |                        |
| 25. 37 <sup>26</sup> - 7 <sup>35</sup> | 153.6                  | 61.5                   | 301.5     |           |                        |
| 26. 37 <sup>26</sup> - 7 <sup>37</sup> | 152.1                  | 63.0                   | 227.7     |           |                        |
| 27. 37 <sup>26</sup> - 7 <sup>39</sup> | 152.3                  | 68.7                   | 176.3     |           |                        |
| 28. 37 <sup>26</sup> - 7 <sup>41</sup> | 171.0                  | 33.8                   | 361.8     |           |                        |
| 29. 37 <sup>26</sup> - 7 <sup>43</sup> | 94.1                   | 17.1                   | 286.0     |           |                        |
| 30. 37 <sup>26</sup> - 7 <sup>45</sup> | 41.2                   | 7.3                    | 110.8     |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1985

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 31. 37 <sup>28</sup> - 7 <sup>27</sup> | 178.5                  | 36.0                   | 834.9     |           |                        |
| 32. 37 <sup>28</sup> - 7 <sup>31</sup> | 56.5                   | 12.3                   | 52.5      |           |                        |
| 33. 37 <sup>28</sup> - 7 <sup>33</sup> | 23.8                   | 18.9                   | 253.8     |           |                        |
| 34. 37 <sup>28</sup> - 7 <sup>35</sup> | 155.6                  | 72.9                   | 267.0     |           |                        |
| 35. 37 <sup>28</sup> - 7 <sup>37</sup> | 155.6                  | 72.9                   | 267.0     |           |                        |
| 36. 37 <sup>28</sup> - 7 <sup>39</sup> | 129.5                  | 50.9                   | 411.9     |           |                        |
| 37. 37 <sup>28</sup> - 7 <sup>41</sup> | 101.8                  | 24.4                   | 290.4     |           |                        |
| 38. 37 <sup>28</sup> - 7 <sup>43</sup> | 94.1                   | 17.1                   | 286.0     |           |                        |
| 39. 37 <sup>28</sup> - 7 <sup>45</sup> | 41.7                   | 9.9                    | 156.8     |           |                        |
| 40. 37 <sup>30</sup> - 7 <sup>31</sup> | 56.4                   | 11.1                   | 278.1     |           |                        |
| 41. 37 <sup>30</sup> - 7 <sup>33</sup> | 117.8                  | 49.9                   | 318.4     |           |                        |
| 42. 37 <sup>30</sup> - 7 <sup>35</sup> | 138.1                  | 63.1                   | 305.1     |           |                        |
| 43. 37 <sup>30</sup> - 7 <sup>37</sup> | 133.7                  | 60.3                   | 305.1     |           |                        |
| 44. 37 <sup>30</sup> - 7 <sup>39</sup> | 107.8                  | 31.2                   | 317.0     |           |                        |
| 45. 37 <sup>30</sup> - 7 <sup>41</sup> | 92.8                   | 16.3                   | 244.1     |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1985

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 46. 37 <sup>30</sup> - 7 <sup>43</sup> | 94.1                   | 17.1                   | 286.0     |           |                        |
| 47. 37 <sup>30</sup> - 7 <sup>45</sup> | 39.7                   | 7.1                    | 110.6     |           |                        |
| 48. 37 <sup>32</sup> - 7 <sup>23</sup> | 11.5                   | 7.5                    | 180.7     |           |                        |
| 49. 37 <sup>32</sup> - 7 <sup>27</sup> | 181.5                  | 32.1                   | 515.2     |           |                        |
| 50. 37 <sup>32</sup> - 7 <sup>31</sup> | 220.2                  | 42.6                   | 986.5     |           |                        |
| 51. 37 <sup>32</sup> - 7 <sup>35</sup> | 59.9                   | 12.1                   | 7.1       |           |                        |
| 52. 37 <sup>32</sup> - 7 <sup>37</sup> | 55.2                   | 6.9                    | 7.5       |           |                        |
| 53. 37 <sup>32</sup> - 7 <sup>39</sup> | 91.4                   | 15.4                   | 202.2     |           |                        |
| 54. 37 <sup>32</sup> - 7 <sup>41</sup> | 94.1                   | 17.1                   | 286.0     |           |                        |
| 55. 37 <sup>32</sup> - 7 <sup>43</sup> | 94.1                   | 17.1                   | 286.0     |           |                        |
| 56. 37 <sup>32</sup> - 7 <sup>45</sup> | 39.7                   | 7.1                    | 110.6     |           |                        |
| 57. 37 <sup>34</sup> - 7 <sup>35</sup> | 46.4                   | 11.1                   | 278.1     |           |                        |
| 58. 37 <sup>34</sup> - 7 <sup>37</sup> | 57.9                   | 11.4                   | 278.4     |           |                        |
| 59. 37 <sup>34</sup> - 7 <sup>39</sup> | 63.4                   | 14.0                   | 281.9     |           |                        |
| 60. 37 <sup>34</sup> - 7 <sup>41</sup> | 94.1                   | 17.1                   | 286.0     |           |                        |

Table 4.2  
Master Grid Emissions

A. County Fulton  
B. Year 1985

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 61. 37 <sup>34</sup> - 7 <sup>43</sup> | 94.1                   | 17.1                   | 286.0     |           |                        |
| 62. 37 <sup>34</sup> - 7 <sup>45</sup> | 36.9                   | 6.7                    | 110.1     |           |                        |
| 63. 37 <sup>36</sup> - 7 <sup>23</sup> | 29.9                   | 4.5                    | 31.4      |           |                        |
| 64. 37 <sup>36</sup> - 7 <sup>27</sup> | 396.2                  | 65.3                   | 484.7     |           |                        |
| 65. 37 <sup>36</sup> - 7 <sup>31</sup> | 56.4                   | 11.1                   | 278.1     |           |                        |
| 66. 37 <sup>36</sup> - 7 <sup>33</sup> | 187.9                  | 32.4                   | 279.5     |           |                        |
| 67. 37 <sup>36</sup> - 7 <sup>35</sup> | 256.4                  | 43.5                   | 280.4     |           |                        |
| 68. 37 <sup>36</sup> - 7 <sup>37</sup> | 206.7                  | 35.5                   | 279.8     |           |                        |
| 69. 37 <sup>36</sup> - 7 <sup>39</sup> | 16.7                   | 3.1                    | 64.7      |           |                        |
| 70. 37 <sup>36</sup> - 7 <sup>40</sup> | 20.0                   | 3.7                    | 65.5      |           |                        |
| 71. 37 <sup>36</sup> - 7 <sup>41</sup> | 23.0                   | 4.2                    | 66.2      |           |                        |
| 72. 37 <sup>36</sup> - 7 <sup>42</sup> | 23.0                   | 4.2                    | 66.2      |           |                        |
| 73. 37 <sup>36</sup> - 7 <sup>43</sup> | 1013.3                 | 287.5                  | 1047.9    |           |                        |
| 74. 37 <sup>36</sup> - 7 <sup>45</sup> | 306.6                  | 57.6                   | 406.4     |           |                        |
| 75. 37 <sup>37</sup> - 7 <sup>39</sup> | 82.3                   | 13.7                   | 65.2      |           |                        |

Table 4.2

## Master Grid Emissions

A. County FultonB. Year 1985

| (1)<br>Master Grid<br>Designation      | Emissions<br>(tons/yr) |                        |           |           |                        |
|----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                        | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 76. 37 <sup>37</sup> - 7 <sup>40</sup> | 82.3                   | 13.7                   | 65.2      |           |                        |
| 77. 37 <sup>37</sup> - 7 <sup>41</sup> | 1219.6                 | 641.2                  | 125.7     |           |                        |
| 78. 37 <sup>37</sup> - 7 <sup>42</sup> | 1097.4                 | 528.3                  | 286.8     |           |                        |
| 79. 37 <sup>38</sup> - 7 <sup>31</sup> | 408.0                  | 68.1                   | 282.4     |           |                        |
| 80. 37 <sup>38</sup> - 7 <sup>33</sup> | 833.4                  | 136.8                  | 286.1     |           |                        |
| 81. 37 <sup>38</sup> - 7 <sup>35</sup> | 915.3                  | 150.1                  | 287.0     |           |                        |
| 82. 37 <sup>38</sup> - 7 <sup>37</sup> | 915.3                  | 150.1                  | 287.0     |           |                        |
| 83. 37 <sup>38</sup> - 7 <sup>39</sup> | 987.4                  | 166.2                  | 460.6     |           |                        |
| 84. 37 <sup>38</sup> - 7 <sup>41</sup> | 1271.8                 | 649.4                  | 126.6     |           |                        |
| 85. 37 <sup>38</sup> - 7 <sup>42</sup> | 913.1                  | 401.2                  | 367.0     |           |                        |
| 86. 37 <sup>38</sup> - 7 <sup>43</sup> | 1503.6                 | 287.7                  | 1915.6    |           |                        |
| 87. 37 <sup>38</sup> - 7 <sup>45</sup> | 502.3                  | 94.9                   | 552.3     |           |                        |
| 88. 37 <sup>39</sup> - 7 <sup>41</sup> | 1246.9                 | 601.1                  | 293.9     |           |                        |
| 89. 37 <sup>39</sup> - 7 <sup>42</sup> | 1183.2                 | 544.6                  | 381.1     |           |                        |
| 90. 37 <sup>40</sup> - 7 <sup>27</sup> | 645.9                  | 104.0                  | 38.2      |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1985

| (1)<br>Master Grid<br>Designation       | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                         | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 91. 37 <sup>40</sup> - 7 <sup>31</sup>  | 3362.0                 | 551.5                  | 1059.1    |           |                        |
| 92. 37 <sup>40</sup> - 7 <sup>35</sup>  | 3655.0                 | 598.7                  | 1189.3    |           |                        |
| 93. 37 <sup>40</sup> - 7 <sup>39</sup>  | 1339.0                 | 244.0                  | 1262.7    |           |                        |
| 94. 37 <sup>40</sup> - 7 <sup>41</sup>  | 1503.6                 | 287.7                  | 1915.6    |           |                        |
| 95. 37 <sup>40</sup> - 7 <sup>43</sup>  | 1503.6                 | 287.7                  | 1915.6    |           |                        |
| 96. 37 <sup>40</sup> - 7 <sup>45</sup>  | 481.2                  | 92.3                   | 630.0     |           |                        |
| 97. 37 <sup>42</sup> - 7 <sup>39</sup>  | 880.4                  | 144.6                  | 286.4     |           |                        |
| 98. 37 <sup>42</sup> - 7 <sup>41</sup>  | 1339.0                 | 244.0                  | 1262.7    |           |                        |
| 99. 37 <sup>42</sup> - 7 <sup>43</sup>  | 1503.6                 | 287.7                  | 1915.6    |           |                        |
| 100. 37 <sup>42</sup> - 7 <sup>45</sup> | 481.2                  | 92.3                   | 630.0     |           |                        |
| 101. 37 <sup>44</sup> - 7 <sup>33</sup> | 404.3                  | 66.1                   | 111.2     |           |                        |
| 102. 37 <sup>44</sup> - 7 <sup>35</sup> | 1875.5                 | 316.5                  | 1084.8    |           |                        |
| 103. 37 <sup>44</sup> - 7 <sup>39</sup> | 2531.3                 | 503.3                  | 4999.3    |           |                        |
| 104. 37 <sup>48</sup> - 7 <sup>35</sup> | 67.8                   | 24.0                   | 690.2     |           |                        |
| 105. 37 <sup>52</sup> - 7 <sup>35</sup> | 26.2                   | 8.5                    | 103.8     |           |                        |

Table 4.2

## Master Grid Emissions

A. County Fulton  
 B. Year 1985

| (1)<br>Master Grid<br>Designation       | Emissions<br>(tons/yr) |                        |           |           |                        |
|-----------------------------------------|------------------------|------------------------|-----------|-----------|------------------------|
|                                         | (2)<br>Part.           | (3)<br>SO <sub>x</sub> | (4)<br>CO | (5)<br>HC | (6)<br>NO <sub>x</sub> |
| 106. 37 <sup>52</sup> - 7 <sup>39</sup> | 113.8                  | 43.7                   | 664.3     |           |                        |
| 107. 37 <sup>50</sup> - 7 <sup>33</sup> | 18.5                   | 2.2                    | 2.3       |           |                        |
| 108. 37 <sup>50</sup> - 7 <sup>41</sup> | 23.1                   | 2.7                    | 2.8       |           |                        |
| 109. 37 <sup>58</sup> - 7 <sup>33</sup> | 0.0                    | 0.0                    | 0.0       |           |                        |
| 110. 37 <sup>58</sup> - 7 <sup>41</sup> | 86.7                   | 30.5                   | 603.8     |           |                        |
| 111. 37 <sup>58</sup> - 7 <sup>49</sup> | 56.5                   | 19.8                   | 393.1     |           |                        |
| 112. 37 <sup>58</sup> - 7 <sup>57</sup> | 12.0                   | 4.3                    | 84.2      |           |                        |
| 113. 37 <sup>64</sup> - 7 <sup>33</sup> | 27.4                   | 7.5                    | 127.5     |           |                        |
| 114. 37 <sup>64</sup> - 7 <sup>41</sup> | 147.8                  | 69.3                   | 1594.5    |           |                        |
| 115. 37 <sup>64</sup> - 7 <sup>49</sup> | 124.5                  | 43.3                   | 856.6     |           |                        |
| 116. 37 <sup>64</sup> - 7 <sup>57</sup> | 85.2                   | 28.8                   | 562.2     |           |                        |
| 117. 37 <sup>64</sup> - 7 <sup>65</sup> | 30.2                   | 10.7                   | 210.6     |           |                        |
| 118. 37 <sup>72</sup> - 7 <sup>33</sup> | 18.2                   | 6.4                    | 126.4     |           |                        |
| 119. 37 <sup>72</sup> - 7 <sup>41</sup> | 104.8                  | 36.9                   | 730.1     |           |                        |
| 120. 37 <sup>72</sup> - 7 <sup>49</sup> | 98.7                   | 34.7                   | 688.0     |           |                        |

## Master Grid Emissions

[illegible]

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