

Appendix B – Updated 2008 Tompkins County Government Operations GHG Emissions Inventory

| Buildings & Facilities | | MTCO2e | MTCO2e (%) | Energy (MMBtu) | Cost |
|----------------------------------|-----------------------------------|--------------|--------------|----------------|--------------------|
| Biggs B | Electricity | 121 | 1.9% | 1,255 | \$44,328 |
| | Natural Gas | 189 | 3.0% | 3,546 | \$46,544 |
| Subtotal Biggs B | | 309 | 4.9% | 4,801 | \$90,872 |
| Building C | Electricity | 71 | 1.1% | 740 | \$26,130 |
| | Natural Gas | 30 | 0.5% | 567 | \$7,436 |
| Subtotal Building C | | 101 | 1.6% | 1,307 | \$33,566 |
| Public Works Facility | Electricity | 89 | 1.4% | 928 | \$32,771 |
| | Natural Gas | 169 | 2.7% | 3,176 | \$41,679 |
| Subtotal Public Works Facility | | 258 | 4.1% | 4,104 | \$74,450 |
| Courthouse Complex | Electricity | 223 | 3.5% | 2,318 | \$81,892 |
| | Natural Gas | 204 | 3.2% | 3,837 | \$50,367 |
| Subtotal Courthouse Complex | | 427 | 6.7% | 6,155 | \$132,259 |
| DMV | Electricity | 14 | 0.2% | 150 | \$5,303 |
| | Natural Gas | 14 | 0.2% | 271 | \$3,553 |
| Subtotal DMV | | 29 | 0.5% | 421 | \$8,856 |
| Emergency Response | Electricity | 145 | 2.3% | 1,509 | \$53,299 |
| | Natural Gas | 47 | 0.7% | 876 | \$11,491 |
| Subtotal Emergency Response | | 192 | 3.0% | 2,385 | \$64,790 |
| Human Services Building | Electricity | 388 | 6.1% | 4,033 | \$142,458 |
| | Natural Gas | 181 | 2.9% | 3,399 | \$44,613 |
| Subtotal Human Services Building | | 569 | 9.0% | 7,432 | \$187,071 |
| K-House | Electricity | 1 | 0.0% | 12 | \$427 |
| | Fuel Oil (#1 2 4) | 6 | 0.1% | 87 | \$2,179 |
| Subtotal K-House | | 8 | 0.1% | 99 | \$2,606 |
| TC Public Library | Electricity | 283 | 4.5% | 2,943 | \$103,981 |
| | Natural Gas | 132 | 2.1% | 2,473 | \$32,457 |
| Subtotal TC Public Library | | 415 | 6.5% | 5,416 | \$136,438 |
| Mental Health | Electricity | 194 | 3.1% | 2,013 | \$71,113 |
| | Natural Gas | 106 | 1.7% | 2,000 | \$26,252 |
| Subtotal Mental Health | | 300 | 4.7% | 4,013 | \$97,365 |
| Old Library Building | Electricity | 94 | 1.5% | 975 | \$34,435 |
| | Natural Gas | 181 | 2.9% | 3,400 | \$44,630 |
| Subtotal Old Library Building | | 275 | 4.3% | 4,375 | \$79,065 |
| Public Safety Building | Electricity | 240 | 3.8% | 2,497 | \$88,229 |
| | Natural Gas | 145 | 2.3% | 2,734 | \$35,880 |
| Subtotal Public Safety Building | | 386 | 6.1% | 5,231 | \$124,109 |
| SUBTOTAL | | 3,269 | 51.6% | 45,739 | \$1,031,447 |
| Street Lights & Traffic Signals | | MTCO2e | MTCO2e (%) | Energy (MMBtu) | Cost |
| Integry | Electricity | 15 | 0.2% | 160 | \$4,132 |
| | Subtotal Integry | | 15 | 0.2% | 160 |
| NYSEG | Electricity | 15 | 0.2% | 159 | \$2,685 |
| | Subtotal NYSEG | | 15 | 0.2% | 159 |
| SUBTOTAL | | 31 | 0.5% | 319 | \$6,817 |
| Airport Facilities | | MTCO2e | MTCO2e (%) | Energy (MMBtu) | Cost |
| Terminal | Electricity | 372 | 5.9% | 3,865 | \$29,225 |
| | Natural Gas | 233 | 3.7% | 4,374 | \$9,896 |
| Subtotal Terminal | | 605 | 9.5% | 8,239 | \$39,121 |
| Crash Fire & Rescue | Electricity | 99 | 1.6% | 1,031 | \$10,585 |
| | Natural Gas | 76 | 1.2% | 1,438 | \$17,954 |
| Subtotal Crash Fire & Rescue | | 176 | 2.8% | 2,469 | \$28,539 |
| Outdoor Lighting (Poles) | Electricity | 1 | 0.0% | 14 | \$646 |
| | Subtotal Outdoor Lighting (Poles) | | 1 | 0.0% | 14 |
| T-Hangar 1 | Electricity | 5 | 0.1% | 49 | \$687 |
| | Subtotal T-Hangar 1 | | 5 | 0.1% | 49 |
| T-Hangar 2 | Electricity | 4 | 0.1% | 38 | \$688 |
| | Subtotal T-Hangar 2 | | 4 | 0.1% | 38 |
| SUBTOTAL | | 790 | 12.5% | 10,809 | \$69,681 |

| Solid Waste Facilities | | MTCO2e | MTCO2e (%) | Energy (MMBtu) | Cost |
|-------------------------------------|--------------------|--------------|---------------|----------------|--------------------|
| 160 Commercial Avenue | Electricity | 157 | 2.5% | 1,628 | \$34,102 |
| | Natural Gas | 110 | 1.7% | 2,062 | \$14,393 |
| Subtotal 160 Commercial Avenue | | 266 | 4.2% | 3,690 | \$48,495 |
| Hillview Landfill - NYSEG | Electricity | 0 | 0.0% | 0 | \$186 |
| | | 0 | 0.0% | 0 | \$186 |
| Subtotal Hillview Landfill - NYSEG | | 0 | 0.0% | 0 | \$186 |
| Solid Waste Office-Hess Corporation | Natural Gas | 10 | 0.2% | 190 | \$1,990 |
| | | 10 | 0.2% | 190 | \$1,990 |
| Subtotal Hess Corporation | | 10 | 0.2% | 190 | \$1,990 |
| Solid Waste Office-Integry | Electricity | 22 | 0.3% | 224 | \$5,784 |
| | | 22 | 0.3% | 224 | \$5,784 |
| Subtotal Integry | | 22 | 0.3% | 224 | \$5,784 |
| Solid Waste Office-NYSEG | Electricity | 22 | 0.3% | 224 | \$2,220 |
| | Natural Gas | 12 | 0.2% | 223 | \$952 |
| Subtotal NYSEG | | 33 | 0.5% | 447 | \$3,172 |
| SUBTOTAL | | 331 | 5.2% | 4,551 | \$59,627 |
| On-Road Vehicle Fleet | | MTCO2e | MTCO2e (%) | Energy (MMBtu) | Cost |
| Airport | Diesel | 86 | 1.4% | 1,171 | \$0 |
| | Gasoline | 33 | 0.5% | 461 | \$47 |
| Subtotal Airport | | 119 | 1.9% | 1,632 | \$47 |
| Central Services | Gasoline | 5 | 0.1% | 69 | \$1,526 |
| | | 5 | 0.1% | 69 | \$1,526 |
| Subtotal Central Services | | 5 | 0.1% | 69 | \$1,526 |
| Assessment | Gasoline | 14 | 0.2% | 189 | \$4,175 |
| | | 14 | 0.2% | 189 | \$4,175 |
| Subtotal Assessment | | 14 | 0.2% | 189 | \$4,175 |
| DSS | Gasoline | 71 | 1.1% | 985 | \$21,084 |
| | | 71 | 1.1% | 985 | \$21,084 |
| Subtotal DSS | | 71 | 1.1% | 985 | \$21,084 |
| Emergency Response | Gasoline | 12 | 0.2% | 161 | \$3,666 |
| | | 12 | 0.2% | 161 | \$3,666 |
| Subtotal Emergency Response | | 12 | 0.2% | 161 | \$3,666 |
| Facilities | Gasoline | 50 | 0.8% | 698 | \$15,154 |
| | | 50 | 0.8% | 698 | \$15,154 |
| Subtotal Facilities | | 50 | 0.8% | 698 | \$15,154 |
| Health | Gasoline | 76 | 1.2% | 1,056 | \$24,065 |
| | | 76 | 1.2% | 1,056 | \$24,065 |
| Subtotal Health | | 76 | 1.2% | 1,056 | \$24,065 |
| Highway | Diesel | 783 | 12.4% | 10,630 | \$257,773 |
| | Gasoline | 167 | 2.6% | 2,315 | \$50,701 |
| Subtotal Highway | | 950 | 15.0% | 12,945 | \$308,474 |
| ITS | Gasoline | 4 | 0.1% | 56 | \$1,228 |
| | | 4 | 0.1% | 56 | \$1,228 |
| Subtotal ITS | | 4 | 0.1% | 56 | \$1,228 |
| Mental Health | Gasoline | 38 | 0.6% | 527 | \$11,844 |
| | | 38 | 0.6% | 527 | \$11,844 |
| Subtotal Mental Health | | 38 | 0.6% | 527 | \$11,844 |
| Planning | Gasoline | 2 | 0.0% | 32 | \$719 |
| | | 2 | 0.0% | 32 | \$719 |
| Subtotal Planning | | 2 | 0.0% | 32 | \$719 |
| Probation | Gasoline | 13 | 0.2% | 177 | \$3,955 |
| | | 13 | 0.2% | 177 | \$3,955 |
| Subtotal Probation | | 13 | 0.2% | 177 | \$3,955 |
| Sheriff | Transit Bus Diesel | 543 | 8.6% | 7,534 | \$165,824 |
| | | 543 | 8.6% | 7,534 | \$165,824 |
| Subtotal Sheriff | | 543 | 8.6% | 7,534 | \$165,824 |
| Solid Waste | Gasoline | 12 | 0.2% | 171 | \$3,838 |
| | | 12 | 0.2% | 171 | \$3,838 |
| Subtotal Solid Waste | | 12 | 0.2% | 171 | \$3,838 |
| Weights and Measures | Gasoline | 5 | 0.1% | 67 | \$1,501 |
| | | 5 | 0.1% | 67 | \$1,501 |
| Subtotal Weights and Measures | | 5 | 0.1% | 67 | \$1,501 |
| SUBTOTAL | | 1,914 | 30.2% | 26,299 | \$567,100 |
| TOTAL | | 6,336 | 100.0% | 87,717 | \$1,734,672 |