

Appendix A
Summary of Costs by Source Type and Year

| Source Category | Year 1 | | | | | | | | | | | |
|---|---------------------|-----------------------|-----------------|--------------------------|---------------------------|-------------------------|----------------------|--------------------|-----------------------|-------------------|---------------|-----------------|
| | No. Respondents (1) | Responses/ Respondent | Total Responses | Burden - Technical (hrs) | Burden - Managerial (hrs) | Burden - Clerical (hrs) | Burden - Legal (hrs) | Total Burden (hrs) | Total Labor Cost (\$) | Capital Cost (\$) | O&M Cost (\$) | Total Cost (\$) |
| T - Magnesium Production | 11 | 1 | 11 | 368.5 | 77.0 | 44.0 | 22.0 | 511.5 | \$29,337 | \$0 | \$1,680 | \$31,017 |
| T - Mg Production, Recordkeeping & Reporting | 11 | 1 | 11 | 357.0 | 44.6 | 44.6 | - | 446.3 | \$24,200 | \$0 | \$0 | \$24,200 |
| T - MG Production, Combustion | 11 | 1 | 11 | 1,095.6 | | | | 1,095.6 | \$60,477 | \$0 | \$0 | \$60,477 |
| II - Food Processing | 63 | 1 | 63 | 415.5 | 51.9 | 51.9 | - | 519.3 | \$28,163 | \$43,025 | \$178,477 | \$249,665 |
| II - Pulp & Paper | 141 | 1 | 141 | 929.9 | 116.2 | 116.2 | - | 1,162.3 | \$63,032 | \$134,634 | \$399,448 | \$597,114 |
| II - Ethanol Mills - Wastewater | 4 | 1 | 4 | 26.4 | 3.3 | 3.3 | - | 33.0 | \$1,788 | \$1,611 | \$11,332 | \$14,731 |
| II - Ethanol Mills - CH4 | 4 | 1 | 4 | 7.2 | 0.9 | 0.9 | - | 9.0 | \$491 | \$2,228 | \$3,109 | \$5,828 |
| II - Petroleum Refineries | 150 | 1 | 150 | 989.2 | 123.7 | 123.7 | - | 1,236.5 | \$67,055 | \$102,440 | \$424,945 | \$594,440 |
| TT - Industrial Landfills | 200 | 1 | 200 | 9,360.0 | 468.0 | 936.0 | - | 10,764.0 | \$577,666 | \$10,980 | \$88,000 | \$676,646 |
| TT - Industrial Landfills - Recordkeeping & Reporting | 200 | 1 | 200 | 6,491.1 | 811.4 | 811.4 | - | 8,113.9 | \$440,000 | \$0 | \$0 | \$440,000 |
| FF - Coal – Monitoring Ventilation Air -- Quarterly Sampling | 114 | 4 | 456 | | | | | 38,190.0 | \$2,170,656 | \$86,880 | \$456,000 | \$2,713,536 |
| FF- Coal --Degasification Systems - CEMS | 15 | 1 | 15 | | | | - | 2,235.0 | \$130,949 | \$0 | \$0 | \$130,949 |
| FF - Coal –Gob gas vent holes (degasification) for longwall mines – Weekly Sampling | 21 | 52 | 1092 | | | | - | 13,230.0 | \$729,128 | \$133,368 | \$0 | \$862,496 |
| FF - Recordkeeping & Reporting | 114 | 1 | 114 | 3,699.9 | 462.5 | 462.5 | - | 4,624.9 | \$250,800 | \$0 | \$0 | \$250,800 |
| TOTAL | 675 | Varies | 2472 | 23,740.4 | 2,159.5 | 2,594.5 | 22.0 | 82,171.4 | \$4,573,742 | \$515,165 | \$1,562,991 | \$6,651,899 |

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix A
Summary of Costs by Source Type and Year (continued)

| Source Category | Year 2 | | | | | | | | | | | |
|---|-----------------|-----------------------|-----------------|--------------------------|---------------------------|-------------------------|----------------------|--------------------|-----------------------|-------------------|---------------|-----------------|
| | No. Respondents | Responses/ Respondent | Total Responses | Burden - Technical (hrs) | Burden - Managerial (hrs) | Burden - Clerical (hrs) | Burden - Legal (hrs) | Total Burden (hrs) | Total Labor Cost (\$) | Capital Cost (\$) | O&M Cost (\$) | Total Cost (\$) |
| T - Magnesium Production | 11 | 1 | 11 | 368.5 | 77.0 | 44.0 | 22.0 | 511.5 | \$29,337 | \$0 | \$1,680 | \$31,017 |
| T - Mg Production, Recordkeeping & Reporting | 11 | 1 | 11 | 357.0 | 44.6 | 44.6 | - | 446.3 | \$24,200 | \$0 | \$0 | \$24,200 |
| T - MG Production, Combustion | 11 | 1 | 11 | 1,095.6 | - | - | - | 1,095.6 | \$60,477 | \$0 | \$0 | \$60,477 |
| II - Food Processing | 63 | 1 | 63 | 415.5 | 51.9 | 51.9 | - | 519.3 | \$28,163 | \$43,025 | \$178,477 | \$249,665 |
| II - Pulp & Paper | 141 | 1 | 141 | 929.9 | 116.2 | 116.2 | - | 1,162.3 | \$63,032 | \$134,634 | \$399,448 | \$597,114 |
| II - Ethanol Mills - Wastewater | 4 | 1 | 4 | 26.4 | 3.3 | 3.3 | - | 33.0 | \$1,788 | \$1,611 | \$11,332 | \$14,731 |
| II - Ethanol Mills - CH4 | 4 | 1 | 4 | 7.2 | 0.9 | 0.9 | - | 9.0 | \$491 | \$2,228 | \$3,109 | \$5,828 |
| II - Petroleum Refineries | 150 | 1 | 150 | 989.2 | 123.7 | 123.7 | - | 1,236.5 | \$67,055 | \$102,440 | \$424,945 | \$594,440 |
| HHa - Industrial Landfills | 200 | 1 | 200 | 4,560.0 | 228.0 | 456.0 | - | 5,244.0 | \$281,427 | \$10,980 | \$88,000 | \$380,407 |
| HHa - Industrial Landfills - Recordkeeping & Reporting | 200 | 1 | 200 | 6,491.1 | 811.4 | 811.4 | - | 8,113.9 | \$440,000 | \$0 | \$0 | \$440,000 |
| FF - Coal – Monitoring Ventilation Air -- Quarterly Sampling | 114 | 4 | 456 | | | | | 22,116.0 | \$1,216,057 | \$86,880 | \$456,000 | \$1,758,936 |
| FF- Coal --Degasification Systems - CEMS | 15 | 1 | 15 | | | | | 1,147.5 | \$63,039 | \$0 | \$0 | \$63,039 |
| FF - Coal –Gob gas vent holes (degasification) for longwall mines – Weekly Sampling | 21 | 52 | 1092 | | | | | 11,592.0 | \$639,886 | \$133,368 | \$0 | \$773,254 |
| FF - Recordkeeping & Reporting | 114 | 1 | 114 | 3,699.9 | 462.5 | 462.5 | - | 4,624.9 | \$250,800 | \$0 | \$0 | \$250,800 |
| TOTAL | 675 | Varies | 2472 | 18,940.4 | 1,919.5 | 2,114.5 | 22.0 | 57,851.9 | \$3,165,751 | \$515,165 | \$1,562,991 | \$5,243,908 |

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix A
Summary of Costs by Source Type and Year (continued)

| Source Category | Year 3 | | | | | | | | | | | |
|---|-----------------|-----------------------|-----------------|--------------------------|---------------------------|-------------------------|----------------------|--------------------|-----------------------|-------------------|---------------|-----------------|
| | No. Respondents | Responses/ Respondent | Total Responses | Burden - Technical (hrs) | Burden - Managerial (hrs) | Burden - Clerical (hrs) | Burden - Legal (hrs) | Total Burden (hrs) | Total Labor Cost (\$) | Capital Cost (\$) | O&M Cost (\$) | Total Cost (\$) |
| T - Magnesium Production | 11 | 1 | 11 | 368.5 | 77.0 | 44.0 | 22.0 | 511.5 | \$29,337 | \$0 | \$1,680 | \$31,017 |
| T - Mg Production, Recordkeeping & Reporting | 11 | 1 | 11 | 357.0 | 44.6 | 44.6 | - | 446.3 | \$24,200 | \$0 | \$0 | \$24,200 |
| T - MG Production, Combustion | 11 | 1 | 11 | 1,095.6 | - | - | - | 1,095.6 | \$60,477 | \$0 | \$0 | \$60,477 |
| II - Food Processing | 63 | 1 | 63 | 415.5 | 51.9 | 51.9 | - | 519.3 | \$28,163 | \$43,025 | \$178,477 | \$249,665 |
| II - Pulp & Paper | 141 | 1 | 141 | 929.9 | 116.2 | 116.2 | - | 1,162.3 | \$63,032 | \$134,634 | \$399,448 | \$597,114 |
| II - Ethanol Mills - Wastewater | 4 | 1 | 4 | 26.4 | 3.3 | 3.3 | - | 33.0 | \$1,788 | \$1,611 | \$11,332 | \$14,731 |
| II - Ethanol Mills - CH4 | 4 | 1 | 4 | 7.2 | 0.9 | 0.9 | - | 9.0 | \$491 | \$2,228 | \$3,109 | \$5,828 |
| II - Petroleum Refineries | 150 | 1 | 150 | 989.2 | 123.7 | 123.7 | - | 1,236.5 | \$67,055 | \$102,440 | \$424,945 | \$594,440 |
| HHa -Industrial Landfills | 200 | 1 | 200 | 4,560.0 | 228.0 | 456.0 | - | 5,244.0 | \$281,427 | \$10,980 | \$88,000 | \$380,407 |
| HHa - Industrial Landfills - Recordkeeping & Reporting | 200 | 1 | 200 | 6,491.1 | 811.4 | 811.4 | - | 8,113.9 | \$440,000 | \$0 | \$0 | \$440,000 |
| FF - Coal – Monitoring Ventilation Air -- Quarterly Sampling | 114 | 4 | 456 | - | - | - | - | 22,116.0 | \$1,216,057 | \$86,880 | \$456,000 | \$1,758,936 |
| FF- Coal --Degasification Systems - CEMS | 15 | 1 | 15 | - | - | - | - | 1,147.5 | \$63,039 | \$0 | \$0 | \$63,039 |
| FF - Coal –Gob gas vent holes (degasification) for longwall mines – Weekly Sampling | 21 | 52 | 1092 | - | - | - | - | 11,592.0 | \$639,886 | \$133,368 | \$0 | \$773,254 |
| FF - Recordkeeping & Reporting | 114 | 1 | 114 | 3,699.9 | 462.5 | 462.5 | - | 4,624.9 | \$250,800 | \$0 | \$0 | \$250,800 |
| TOTAL | 675 | Varies | 2472 | 18,940.4 | 1,919.5 | 2,114.5 | 22.0 | 57,851.9 | \$3,165,751 | \$515,165 | \$1,562,991 | \$5,243,908 |

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix A
Summary of Costs by Source Type and Year (continued)

| Source Category | Annual Average - 3 year ICR Period | | | | | | | | | | | |
|---|------------------------------------|--------------------------|--------------------|--------------------------------|---------------------------------|----------------------------|-------------------------|-----------------------|--------------------------|----------------------|------------------|--------------------|
| | No. Respondents | Responses/ Respondent | Total Responses | Burden - Technical (hrs) | Burden - Managerial (hrs) | Burden - Clerical (hrs) | Burden - Legal (hrs) | Total Burden (hrs) | Total Labor Cost (\$) | Capital Cost (\$) | O&M Cost (\$) | Total Cost (\$) |
| T - Magnesium Production | 11 | 1 | 11 | 369 | 77.0 | 44.0 | 22.0 | 511.5 | \$29,337 | \$0 | \$1,680 | \$31,017 |
| T - Mg Production, Recordkeeping & Reporting | 11 | 1 | 11 | 357 | 44.6 | 44.6 | - | 446.3 | \$24,200 | \$0 | \$0 | \$24,200 |
| T - MG Production, Combustion | 11 | 1 | 11 | 1,096 | - | - | - | 1,095.6 | \$60,477 | \$0 | \$0 | \$60,477 |
| II - Food Processing | 63 | 1 | 63 | 415 | 51.9 | 51.9 | - | 519.3 | \$28,163 | \$43,025 | \$178,477 | \$249,665 |
| II - Pulp & Paper | 141 | 1 | 141 | 930 | 116.2 | 116.2 | - | 1,162.3 | \$63,032 | \$134,634 | \$399,448 | \$597,114 |
| II - Ethanol Mills - Wastewater | 4 | 1 | 4 | 26 | 3.3 | 3.3 | - | 33.0 | \$1,788 | \$1,611 | \$11,332 | \$14,731 |
| II - Ethanol Mills - CH4 | 4 | 1 | 4 | 7 | 0.9 | 0.9 | - | 9.0 | \$491 | \$2,228 | \$3,109 | \$5,828 |
| II - Petroleum Refineries | 150 | 1 | 150 | 989 | 123.7 | 123.7 | - | 1,236.5 | \$67,055 | \$102,440 | \$424,945 | \$594,440 |
| HHa -Industrial Landfills | 200 | 1 | 200 | 6,160 | 308.0 | 616.0 | - | 7,084.0 | \$380,174 | \$10,980 | \$88,000 | \$479,154 |
| HHa - Industrial Landfills - Recordkeeping & Reporting | 200 | 1 | 200 | 6,491 | 811.4 | 811.4 | - | 8,113.9 | \$440,000 | \$0 | \$0 | \$440,000 |
| FF - Coal – Monitoring Ventilation Air -- Quarterly Sampling | 114 | 4 | 456 | - | - | - | - | 27,474.0 | \$1,534,257 | \$86,880 | \$456,000 | \$2,077,136 |
| FF- Coal --Degasification Systems - CEMS | 15 | 1 | 15 | - | - | - | - | 1,510.0 | \$85,675 | \$0 | \$0 | \$85,675 |
| FF - Coal –Gob gas vent holes (degasification) for longwall mines – Weekly Sampling | 21 | 52 | 1092 | - | - | - | - | 12,138.0 | \$669,634 | \$133,368 | \$0 | \$803,002 |
| FF - Recordkeeping & Reporting | 114 | 1 | 114 | 3,700 | 462.5 | 462.5 | - | 4,624.9 | \$250,800 | \$0 | \$0 | \$250,800 |
| TOTAL | 675 | Varies | 2472 | 20,540 | 1,999.5 | 2,274.5 | 22.0 | 65,958.4 | \$3,635,082 | \$515,165 | \$1,562,991 | \$5,713,238 |

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.