

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.