Appendix E: Rule Effectiveness Adjusted Emissions and Formulae

Ascension Parish			
Rule Effectiveness Adjusted Emissions (REAE)			
Applicable SCCodes	Unadjusted Emissions	Rule Effectiveness Factor	REA Emissions
2401005000	135.00	0.36	48.60
2401008000	16.37	0.36	5.89
2401015000	0.00	0.36	0.00
2401025000	0.00	0.36	0.00
2401040000	0.00	0.36	0.00
2401050000	532.00	0.36	191.52
2401055000	7.00	0.36	2.52
2401060000	0.00	0.36	0.00
2401065000	12.00	0.36	4.32
2401070000	0.00	0.36	0.00
2401080000	267.00	0.36	96.12
2401090000	19.65	0.36	7.07
2401100000	26.20	0.36	9.43
2401200000	25.52	0.36	9.19
2415000000	140.82	0.36	50.70
2420000000	46.00	0.36	16.56
2425000000	42.57	0.36	15.33
2461021000	12.12	0.36	4.36
2461022000	0.13	0.36	0.05
2501060050	27.00	0.36	9.72
2501060052	40.17	0.36	14.46
2501060053	2.87	0.36	1.03
2501060201	22.00	0.36	7.92
2505000120	3.00	0.36	1.08
2505030120	5.12	0.36	1.84
2620030000	2.29	0.36	0.82

Formula to apply Rule Effectiveness:

RE Adjusted Emissions (REAE) = CENRAP X (1-(CE X RE))

Example: ASSUME CENRAP = 100 tons
Assume CE = 80% and RE = 80%

REAE = 100 X (1-(0.8 X 0.8)

REAE = 100 X (1-0.64) = 36 tons

East Baton Rouge Parish			
Rule Effectiveness Adjusted Emissions (REAE)			
Applicable SCCodes	Unadjusted Emissions	Rule Effectiveness Factor	REA Emissions
2401005000	625.00	0.36	225.00
2401008000	102.81	0.36	37.01
2401015000	22.00	0.36	7.92
2401025000	20.70	0.36	7.45
2401040000	2.00	0.36	0.72
2401050000	1302.00	0.36	468.72
2401055000	45.00	0.36	16.20
2401060000	3.00	0.36	1.08
2401065000	26.00	0.36	9.36
2401070000	32.00	0.36	11.52
2401080000	651.00	0.36	234.36
2401090000	123.37	0.36	44.41
2401100000	164.50	0.36	59.22
2401200000	161.07	0.36	57.99
2415000000	884.17	0.36	318.30
2420000000	542.00	0.36	195.12
2425000000	267.31	0.36	96.23
2461021000	76.08	0.36	27.39
2461022000	0.82	0.36	0.30
2501060050	171.00	0.36	61.56
2501060052	190.06	0.36	68.42
2501060053	13.93	0.36	5.01
2501060201	139.00	0.36	50.04
2505000120	21.00	0.36	7.56
2505030120	24.58	0.36	8.85
2620030000	8.72	0.36	3.14

Formula to apply Rule Effectiveness:

RE Adjusted Emissions (REAE) = CENRAP X (1-(CE X RE))

Example: ASSUME CENRAP = 100 tons
Assume CE = 80% and RE = 80%

REAE = 100 X (1-(0.8 X 0.8)

REAE = 100 X (1-0.64) = 36 tons

Iberville Parish			
Rule Effectiveness Adjusted Emissions (REAE)			
Applicable SCCodes	Unadjusted Emissions	Rule Effectiveness Factor	REA Emissions
2401005000	21.00	0.36	7.56
2401008000	7.87	0.36	2.83
2401015000	0.00	0.36	0.00
2401025000	0.00	0.36	0.00
2401040000	25.00	0.36	9.00
2401050000	270.00	0.36	97.20
2401055000	3.00	0.36	1.08
2401060000	0.00	0.36	0.00
2401065000	0.00	0.36	0.00
2401070000	0.00	0.36	0.00
2401080000	36.00	0.36	12.96
2401090000	9.44	0.36	3.40
2401100000	12.59	0.36	4.53
2401200000	12.45	0.36	4.48
2415000000	67.67	0.36	24.36
2420000000	14.00	0.36	5.04
2425000000	20.46	0.36	7.37
2461021000	5.82	0.36	2.10
2461022000	0.06	0.36	0.02
2501060050	13.00	0.36	4.68
2501060052	17.90	0.36	6.44
2501060053	1.31	0.36	0.47
2501060201	1060.00	0.36	381.60
2505000120	2.00	0.36	0.72
2505030120	12.29	0.36	4.42
2620030000	0.00	0.36	0.00

Formula to apply Rule Effectiveness:

RE Adjusted Emissions (REAE) = CENRAP X (1-(CE X RE))

Example: ASSUME CENRAP = 100 tons
Assume CE = 80% and RE = 80%

REAE = 100 X (1-(0.8 X 0.8)

REAE = 100 X (1-0.64) = 36 tons

Livingston Parish			
Rule Effectiveness Adjusted Emissions (REAE)			
Applicable SCCodes	Unadjusted Emissions	Rule Effectiveness Factor	REA Emissions
2401005000	28.00	0.36	10.08
2401008000	19.35	0.36	6.97
2401015000	3.00	0.36	1.08
2401025000	0.00	0.36	0.00
2401040000	0.00	0.36	0.00
2401050000	1072.00	0.36	385.92
2401055000	6.00	0.36	2.16
2401060000	0.00	0.36	0.00
2401065000	0.00	0.36	0.00
2401070000	6.00	0.36	2.16
2401080000	20.00	0.36	7.20
2401090000	23.21	0.36	8.36
2401100000	30.95	0.36	11.14
2401200000	30.38	0.36	10.94
2415000000	166.37	0.36	59.89
2420000000	31.00	0.36	11.16
2425000000	50.30	0.36	18.11
2461021000	14.32	0.36	5.16
2461022000	0.15	0.36	0.05
2501060050	32.00	0.36	11.52
2501060052	316.92	0.36	114.09
2501060053	3.28	0.36	1.18
2501060201	26.00	0.36	9.36
2505000120	4.00	0.36	1.44
2505030120	6.14	0.36	2.21
2620030000	12.00	0.36	4.32

Formula to apply Rule Effectiveness:

RE Adjusted Emissions (REAE) = CENRAP X (1-(CE X RE))

Example: ASSUME CENRAP = 100 tons
Assume CE = 80% and RE = 80%

REAE = 100 X (1-(0.8 X 0.8)

REAE = 100 X (1-0.64) = 36 tons

West Baton Rouge Parish			
Rule Effectiveness Adjusted Emissions (REAE)			
Applicable SCCodes	Unadjusted Emissions	Rule Effectiveness Factor	REA Emissions
2401005000	30.00	0.36	10.80
2401008000	4.93	0.36	1.77
2401015000	0.00	0.36	0.00
2401025000	0.00	0.36	0.00
2401040000	0.00	0.36	0.00
2401050000	1387.00	0.36	499.32
2401055000	2.00	0.36	0.72
2401060000	0.00	0.36	0.00
2401065000	0.00	0.36	0.00
2401070000	0.00	0.36	0.00
2401080000	340.00	0.36	122.40
2401090000	5.92	0.36	2.13
2401100000	7.90	0.36	2.84
2401200000	7.81	0.36	2.81
2415000000	42.44	0.36	15.28
2420000000	6.00	0.36	2.16
2425000000	12.83	0.36	4.62
2461021000	3.65	0.36	1.31
2461022000	0.04	0.36	0.01
2501060050	8.00	0.36	2.88
2501060052	16.99	0.36	6.12
2501060053	1.24	0.36	0.45
2501060201	7.00	0.36	2.52
2505000120	1.00	0.36	0.36
2505030120	80.90	0.36	29.12
2620030000	0.00	0.36	0.00

Formula to apply Rule Effectiveness:

RE Adjusted Emissions (REAE) = CENRAP X (1-(CE X RE))

Example: ASSUME CENRAP = 100 tons
Assume CE = 80% and RE = 80%

REAE = 100 X (1-(0.8 X 0.8)

REAE = 100 X (1-0.64) = 36 tons