

APPENDIX B
SUMMARY OF ANNUAL EMISSION RATE SCALING

Lehigh Southwest Cement Company
Cupertino Facility

EMISSION SOURCE DESCRIPTION	HRA SOURCE GROUP NUMBER	SCALED IN 2013 HRA? ¹	SCALED IN 2014 HRA Addendum? ^{1,2}	NOTES
Kiln and permitted dust collectors	point sources	YES	YES	
Mine unpaved roads dust entrainment, mine grading, mine bulldozing, mine blasting, mine material handling	1 / 2	YES	YES	
Cement plant fugitives, crushing and screening	3	YES	YES	
Cement plant fugitives, process	4	YES	YES	
Natural gypsum stockpile (indoors; material handling emissions)	4	YES	YES	
Pozzolan stockpile (indoors; material handling emissions only)	4	YES	YES	
Rock Plant fugitives	5	YES	YES	
High-grade and medium-grade limestone stockpiles (material handling emissions)	5	YES	YES	
High-grade and medium-grade limestone stockpiles (wind erosion emissions)	5	No	No	
Overburden stockpile (material handling emissions)	5 / 7 / 8	YES	YES	
Dust Entrainment from Plant Unpaved roads	6	YES	No	
Dust Entrainment from Plant Paved roads	6	YES	No	
Bauxite stockpile (material handling emissions)	6	YES	YES	
Iron ore stockpile (material handling emissions)	6	YES	YES	
Coke stockpile (material handling emissions)	6	YES	YES	
Coal stockpile (material handling emissions)	6	YES	No	no coal used in years – coal material handling emissions removed (pile still exists)
Clinker stockpile (material handling emissions ONLY)	6	YES	YES	
Overburden stockpile (wind erosion emissions)	6	No	No	
Wind erosion from Plant Unpaved roads	6	No	No	
Bauxite stockpile (wind erosion emissions)	6	No	No	
Iron ore stockpile (wind erosion emissions)	6	No	No	
Coke stockpile (wind erosion emissions)	6	No	No	
Coal Stockpile (wind erosion emissions)	6	No	No	
Diesel dispensing	6 / 7	YES	YES	
Gasoline dispensing	6	YES	No	
Low grade limestone (material handling emissions)	8	YES	YES	
Emergency diesel generators	point sources	No	No	
Mine Area and Mine unpaved roads wind erosion	1 / 2	No	No	
Welding, Internal combustion engines (gasoline and diesel)	5 / 6 / 7	No	No	
Low grade limestone (wind erosion emissions)	8	No	No	
Slag Stockpile	8	No	No	

Notes:

1. Indicates if annual emission rates were scaled up to maximum production of 1,600,000 short tons of clinker per year.
2. **Bold** highlighted text indicates revisions in 2014 HRA Addendum.