## Appendix E Supplemental Air Quality Emissions Calculations



## Culver Crossing Project Air Quality On-Road Haul Truck Emissions (for source data, refer to Draft EIR, Appendix B)

Trucks Carrying Soil						On-Road Haul Truck Emissions (landfill)									
Subphase	Year	Trucks/Day	One-Way Truck Trips/Day	Distance (miles)	ROG	NOX	со	SO2	Fugitive PM10	Exhaust PM10	Total PM10	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	
South Coast Air Basin						Pounds per Day									
Grading/Excavation	2023	89	178	30	0.76	29.88	9.35	0.19	3.77	0.29	4.06	0.97	0.28	1.25	
				Unit Factor (lb/truck/mile)	2.85E-04	1.12E-02	3.50E-03	7.12E-05	1.41E-03	1.09E-04	1.52E-03	3.63E-04	1.05E-04	4.68E-04	
Trucks Comming Henordous Material (if found at Desiret Site)						On Dead Haul Twick Emissions (additional emissions to beyondous material respiring facility)									

Trucks Carrying Hazardous Material (if found at Project Site)						On-Road Haul Truck Emissions (additional emissions to hazardous material receiving facility)									
Subphase	Year	Trucks/Day	One-Way Truck Trips/Day	Additional Miles to Kettleman	ROG	NOX	со	SO2	Fugitive PM10	Exhaust PM10	Total PM10	Fugitive PM2.5	Exhaust PM2.5	Total PM2.5	
South Coast Air Basin						Pounds per Day									
Grading/Excavation	2023	2	4	40	0.02	0.90	0.28	0.01	0.11	0.01	0.12	0.03	0.01	0.04	
San Joaquin Valley Air Basin (estimated approximately 16 total trucks)						Tons per Year									
Grading/Excavation	2023	2	4	112	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	