APPENDIX A

CALEEMOD MODEL PRINTOUTS

CalEEMod Input Parameters

Land Use Type	Land Use SubType	Land Use Unit Amount	Land Use Size Metric	Lot Acreage	Land Use Square Feet	Population
Industrial	Unrefrigerated Warehouse-No Rail	346.08	1000sqft	7.94	346,080	0
Parking	Parking Lot	6.5	Acre	6.5	0	0

Opening Year:	2013
Climate Zone:	10
Utility Company:	Southern California Edison

Construction

PhaseNumber	PhaseName	Phase Start Date	Phase End Date	Number of Days/Week	NumDays	Notes
1	Demolition	06/01/2012	06/28/2012	5	20	0
2	Site Preparation	06/29/2012	07/12/2012	5	10	0
3	Grading	07/13/2012	08/23/2012	5	30	0
4	Building Construction	08/24/2012	10/17/2013	5	300	0
5	Architectural Coating	02/01/2013	10/17/2013	5	185	0
6	Paving	10/18/2013	11/14/2013	5	20	0

Demolition Amount	Unit
100,000	Building Square Footage
0	0

Phase Name	OffRoad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
Demolition	Excavators	3	8	157	0.57
Demolition	Rubber Tired Dozers	2	8	358	0.59
Site Preparation	Rubber Tired Dozers	3	8	358	0.59
Site Preparation	Tractors/Loaders/Backhoes	4	8	75	0.55
Grading	Excavators	1	8	157	0.57
Grading	Graders	1	8	162	0.61
Grading	Rubber Tired Dozers	1	8	358	0.59
Grading	Scrapers	1	8	356	0.72
Grading	Tractors/Loaders/Backhoes	2	8	75	0.55
Building Construction	Cranes	1	7	208	0.43
Building Construction	Forklifts	3	8	149	0.3
Building Construction	Generator Sets	1	8	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7	75	0.55
Building Construction	Welders	1	8	46	0.45
Architectural Coating	Air Compressors	1	6	78	0.48
Paving	Pavers	2	8	89	0.62
Paving	Paving Equipment	2	8	82	0.53
Paving	Rollers	2	8	84	0.56

Architectural Coating Parameters	
Residential Interior VOC (g/L)	50
Residential Interior Area (sqft)	0
Residential Exterior VOC (g/L)	100
Residential Exterior Area (sqft)	0
Non-Residential Interior VOC (g/L)	250
Non-Residential Interior Area (sqft)	519,120
Non-Residential Exterior VOC (g/L)	250
Non-Residential Exterior Area (sqft)	173,040

Note: the VOC emission rate was reduced from 250 to 10 g/L because the area to be painted is a very small portion of the warehouse and the area amounts cannot be changed.

Phase Name	Number of Worker Trips	Number of Vendor Trips	Number of Haul Trips	Worker Trip Length	Vendor Trip Length	Hauling Trip Length
Demolition	15	0	455	12.7	7.4	20
Site Preparation	18	0	0	12.7	7.4	20
Grading	15	0	0	12.7	7.4	20
Building Construction	145	57	0	12.7	7.4	20
Architectural Coating	29	0	0	12.7	7.4	20

Phase	Soil Imported	Soil Exported	Units	Acres of Grading
Site Preparatio	0	0	0	0
Grading	0	0	0	45

Operations

Vehicle Trips Land Use SubType	Vehicle Trips Land Use Size Metric	Trip Rate (/size/day) Weekday	Saturday	Sunday	Residential Trip Length (miiles) H-W	H-S	H-O	Nonresidential Trip Length (miiles) C-C	C-W	C-NW	Calculated ADT
Parking Lot	Acre	0	0	0	0	0	0	13.3	8.9	7.4	0
Unrefrigerated Warehouse-N	1000sqft	1.44	1.44	1.44	0	0	0	13.3	40	7.4	498

	Primary Trip %	Divert Trip %	Pass-By %	Residential Trip Percentage H-W	H-S	H-O	Nonresidential Trip Percentage C-C	C-W	C-NW
Parking Lot	0	0	0	0	0	0	0	0	0
Unrefrigerated Warehouse-No Rail	92	5	3	0	0	0	0	59	41

Fleet Mix	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	Total
Annual	55.70%	23.90%	3.50%	2.30%	2.30%	0.00%	0.00%	12.30%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Summer	55.70%	23.90%	3.50%	2.30%	2.30%	0.00%	0.00%	12.30%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Winter	55.70%	23.90%	3.50%	2.30%	2.30%	0.00%	0.00%	12.30%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

Hillwood Cott Beverage Plant

San Bernardino-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Unrefrigerated Warehouse-No Rail	346.08	1000sqft
Parking Lot	6.5	Acre

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**		**Utility Company**	Southern California Edison
Climate Zone	10		2.2		
		Precipitation Freq (Days)			
			32		

1.3 User Entered Comments

Project Characteristics -

Land Use -

Construction Phase - Per project plans, assume architectural coating starts before all of the building construction phase is complete.

Demolition -

Vehicle Trips - Trip rate of 1.44 from traffic study, used peak daily rate for weekdays, Saturday and Sunday. Assumed average truck trip length is 40 miles.

Vechicle Emission Factors - Fontana Truck Study fleet percentages.

Vechicle Emission Factors - Fontana Truck Study fleet percentages.

Vechicle Emission Factors - Fontana Truck Study fleet percentages.

Water And Wastewater - A Water Supply Assessment by EMWD for a similar project estimated water usage at 49,805 gallons per day yielding 18,178,825 gallons per year

Construction Off-road Equipment Mitigation - Standard SCAQMD Rule 403 dust control measures.

Grading -

Off-road Equipment - Simpler equipment required due to simple site.

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2012	10.61	88.72	51.54	0.09	18.34	4.39	22.62	9.94	4.39	14.22	0.00	9,554.43	0.00	0.95	0.00	9,574.29
2013	50.84	48.13	43.03	0.08	3.20	2.94	6.14	0.14	2.94	3.08	0.00	8,008.84	0.00	0.66	0.00	8,022.67
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2012	10.61	88.72	51.54	0.09	12.80	4.39	17.19	3.88	4.39	8.16	0.00	9,554.43	0.00	0.95	0.00	9,574.29
2013	50.84	48.13	43.03	0.08	3.20	2.94	6.14	0.14	2.94	3.08	0.00	8,008.84	0.00	0.66	0.00	8,022.67
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.05	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
Mobile	7.70	44.58	74.21	0.14	15.00	1.97	16.97	0.60	1.97	2.57		16,200.52		0.49		16,210.89
Total	**16.77**	**44.78**	**74.38**	**0.14**	**15.00**	**1.97**	**16.99**	**0.60**	**1.97**	**2.59**		**16,439.23**		**0.49**	**0.00**	**16,451.06**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.05	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00

Energy	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
Mobile	7.70	44.58	74.21	0.14	15.00	1.97	16.97	0.60	1.97	2.57		16,200.52		0.49		16,210.89
Total	**16.77**	**44.78**	**74.38**	**0.14**	**15.00**	**1.97**	**16.99**	**0.60**	**1.97**	**2.59**		**16,439.23**		**0.49**	**0.00**	**16,451.06**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.92	0.00	4.92	0.00	0.00	0.00						0.00
Off-Road	9.34	75.14	44.19	0.07		3.80	3.80		3.80	3.80		7,510.81		0.83		7,528.31
Total	**9.34**	**75.14**	**44.19**	**0.07**	**4.92**	**3.80**	**8.72**	**0.00**	**3.80**	**3.80**		**7,510.81**		**0.83**		**7,528.31**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	1.16	13.47	6.12	0.02	10.65	0.58	11.23	0.06	0.58	0.64		1,856.52		0.06		1,857.69
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.22	0.00	0.23	0.01	0.24	0.01	0.01	0.02		187.09		0.01		187.32
Total	**1.27**	**13.58**	**7.34**	**0.02**	**10.88**	**0.59**	**11.47**	**0.07**	**0.59**	**0.66**		**2,043.61**		**0.07**		**2,045.01**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.92	0.00	1.92	0.00	0.00	0.00						0.00
Off-Road	9.34	75.14	44.19	0.07		3.80	3.80		3.80	3.80	0.00	7,510.81		0.83		7,528.31
Total	**9.34**	**75.14**	**44.19**	**0.07**	**1.92**	**3.80**	**5.72**	**0.00**	**3.80**	**3.80**	**0.00**	**7,510.81**		**0.83**		**7,528.31**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.16	13.47	6.12	0.02	10.65	0.58	11.23	0.06	0.58	0.64		1,856.52		0.06		1,857.69
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.22	0.00	0.23	0.01	0.24	0.01	0.01	0.02		187.09		0.01		187.32
Total	**1.27**	**13.58**	**7.34**	**0.02**	**10.88**	**0.59**	**11.47**	**0.07**	**0.59**	**0.66**		**2,043.61**		**0.07**		**2,045.01**

3.3 Site Preparation - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	10.43	84.72	47.82	0.07		4.27	4.27		4.27	4.27		7,997.69		0.93		8,017.28
Total	**10.43**	**84.72**	**47.82**	**0.07**	**18.07**	**4.27**	**22.34**	**9.93**	**4.27**	**14.20**		**7,997.69**		**0.93**		**8,017.28**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.13	1.47	0.00	0.28	0.01	0.28	0.01	0.01	0.02		224.51		0.01		224.79
Total	**0.13**	**0.13**	**1.47**	**0.00**	**0.28**	**0.01**	**0.28**	**0.01**	**0.01**	**0.02**		**224.51**		**0.01**		**224.79**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87						0.00
Off-Road	10.43	84.72	47.82	0.07		4.27	4.27		4.27	4.27	0.00	7,997.69		0.93		8,017.28
Total	**10.43**	**84.72**	**47.82**	**0.07**	**7.05**	**4.27**	**11.32**	**3.87**	**4.27**	**8.14**	**0.00**	**7,997.69**		**0.93**		**8,017.28**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.13	1.47	0.00	0.28	0.01	0.28	0.01	0.01	0.02		224.51		0.01		224.79
Total	**0.13**	**0.13**	**1.47**	**0.00**	**0.28**	**0.01**	**0.28**	**0.01**	**0.01**	**0.02**		**224.51**		**0.01**		**224.79**

3.4 Grading - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.61	0.00	7.61	3.31	0.00	3.31						0.00

Off-Road	8.81	72.14	39.42	0.07		3.60	3.60		3.60	3.60		7,393.75		0.79		7,410.33
Total	**8.81**	**72.14**	**39.42**	**0.07**	**7.61**	**3.60**	**11.21**	**3.31**	**3.60**	**6.91**		**7,393.75**		**0.79**		**7,410.33**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.22	0.00	0.23	0.01	0.24	0.01	0.01	0.02		187.09		0.01		187.32
Total	**0.11**	**0.11**	**1.22**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**187.09**		**0.01**		**187.32**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.97	0.00	2.97	1.29	0.00	1.29						0.00
Off-Road	8.81	72.14	39.42	0.07		3.60	3.60		3.60	3.60	0.00	7,393.75		0.79		7,410.33
Total	**8.81**	**72.14**	**39.42**	**0.07**	**2.97**	**3.60**	**6.57**	**1.29**	**3.60**	**4.89**	**0.00**	**7,393.75**		**0.79**		**7,410.33**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.11	1.22	0.00	0.23	0.01	0.24	0.01	0.01	0.02		187.09		0.01		187.32
Total	**0.11**	**0.11**	**1.22**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**187.09**		**0.01**		**187.32**

3.5 Building Construction - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54		4,040.62		0.51		4,051.23
Total	**5.63**	**37.37**	**23.73**	**0.04**		**2.54**	**2.54**		**2.54**	**2.54**		**4,040.62**		**0.51**		**4,051.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.82	10.29	5.17	0.01	0.53	0.35	0.88	0.04	0.35	0.39		1,562.47		0.04		1,563.31
Worker	1.02	1.03	11.80	0.02	2.23	0.06	2.29	0.08	0.06	0.15		1,808.58		0.11		1,810.80
Total	**1.84**	**11.32**	**16.97**	**0.03**	**2.76**	**0.41**	**3.17**	**0.12**	**0.41**	**0.54**		**3,371.05**		**0.15**		**3,374.11**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54	0.00	4,040.62		0.51		4,051.23
Total	**5.63**	**37.37**	**23.73**	**0.04**		**2.54**	**2.54**		**2.54**	**2.54**	**0.00**	**4,040.62**		**0.51**		**4,051.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.82	10.29	5.17	0.01	0.53	0.35	0.88	0.04	0.35	0.39		1,562.47		0.04		1,563.31
Worker	1.02	1.03	11.80	0.02	2.23	0.06	2.29	0.08	0.06	0.15		1,808.58		0.11		1,810.80
Total	**1.84**	**11.32**	**16.97**	**0.03**	**2.76**	**0.41**	**3.17**	**0.12**	**0.41**	**0.54**		**3,371.05**		**0.15**		**3,374.11**

3.5 Building Construction - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28		4,040.62		0.46		4,050.31
Total	**5.17**	**34.66**	**23.45**	**0.04**		**2.28**	**2.28**		**2.28**	**2.28**		**4,040.62**		**0.46**		**4,050.31**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.75	9.40	4.77	0.01	0.53	0.31	0.85	0.04	0.31	0.36		1,563.99		0.04		1,564.76
Worker	0.93	0.93	10.73	0.02	2.23	0.06	2.29	0.08	0.06	0.15		1,769.20		0.10		1,771.25
Total	**1.68**	**10.33**	**15.50**	**0.03**	**2.76**	**0.37**	**3.14**	**0.12**	**0.37**	**0.51**		**3,333.19**		**0.14**		**3,336.01**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28	0.00	4,040.62		0.46		4,050.31
Total	**5.17**	**34.66**	**23.45**	**0.04**		**2.28**	**2.28**		**2.28**	**2.28**	**0.00**	**4,040.62**		**0.46**		**4,050.31**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00

Vendor	0.75	9.40	4.77	0.01	0.53	0.31	0.85	0.04	0.31	0.36		1,563.99		0.04		1,564.76
Worker	0.93	0.93	10.73	0.02	2.23	0.06	2.29	0.08	0.06	0.15		1,769.20		0.10		1,771.25
Total	**1.68**	**10.33**	**15.50**	**0.03**	**2.76**	**0.37**	**3.14**	**0.12**	**0.37**	**0.51**		**3,333.19**		**0.14**		**3,336.01**

3.6 Architectural Coating - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	43.32					0.00	0.00		0.00	0.00						0.00
Off-Road	0.49	2.96	1.94	0.00		0.27	0.27		0.27	0.27		281.19		0.04		282.10
Total	**43.81**	**2.96**	**1.94**	**0.00**		**0.27**	**0.27**		**0.27**	**0.27**		**281.19**		**0.04**		**282.10**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.19	2.15	0.00	0.45	0.01	0.46	0.02	0.01	0.03		353.84		0.02		354.25
Total	**0.19**	**0.19**	**2.15**	**0.00**	**0.45**	**0.01**	**0.46**	**0.02**	**0.01**	**0.03**		**353.84**		**0.02**		**354.25**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	43.32					0.00	0.00		0.00	0.00						0.00
Off-Road	0.49	2.96	1.94	0.00		0.27	0.27		0.27	0.27	0.00	281.19		0.04		282.10
Total	**43.81**	**2.96**	**1.94**	**0.00**		**0.27**	**0.27**		**0.27**	**0.27**	**0.00**	**281.19**		**0.04**		**282.10**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.19	2.15	0.00	0.45	0.01	0.46	0.02	0.01	0.03		353.84		0.02		354.25
Total	**0.19**	**0.19**	**2.15**	**0.00**	**0.45**	**0.01**	**0.46**	**0.02**	**0.01**	**0.03**		**353.84**		**0.02**		**354.25**

3.7 Paving - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.53	33.81	20.89	0.03		2.93	2.93		2.93	2.93		2,917.64		0.50		2,928.05
Paving	0.85					0.00	0.00		0.00	0.00						0.00
Total	**6.38**	**33.81**	**20.89**	**0.03**		**2.93**	**2.93**		**2.93**	**2.93**		**2,917.64**		**0.50**		**2,928.05**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.11	0.00	0.23	0.01	0.24	0.01	0.01	0.02		183.02		0.01		183.23
Total	**0.10**	**0.10**	**1.11**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**183.02**		**0.01**		**183.23**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.53	33.81	20.89	0.03		2.93	2.93		2.93	2.93	0.00	2,917.64		0.50		2,928.05
Paving	0.85					0.00	0.00		0.00	0.00						0.00

Total	**6.38**	**33.81**	**20.89**	**0.03**		**2.93**	**2.93**		**2.93**	**2.93**	**0.00**	**2,917.64**		**0.50**		**2,928.05**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.10	1.11	0.00	0.23	0.01	0.24	0.01	0.01	0.02		183.02		0.01		183.23
Total	**0.10**	**0.10**	**1.11**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**183.02**		**0.01**		**183.23**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.70	44.58	74.21	0.14	15.00	1.97	16.97	0.60	1.97	2.57		16,200.52		0.49		16,210.89
Unmitigated	7.70	44.58	74.21	0.14	15.00	1.97	16.97	0.60	1.97	2.57		16,200.52		0.49		16,210.89
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	498.36	498.36	498.36	4,505,864	4,505,864
Total	498.36	498.36	498.36	4,505,864	4,505,864

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Parking Lot	8.90	13.30	7.40	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	40.00	13.30	7.40	59.00	0.00	41.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
NaturalGas Unmitigated	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Parking Lot	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2029.07	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
Total		**0.02**	**0.20**	**0.17**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**238.71**		**0.00**	**0.00**	**240.17**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Land Use	kBTU	lb/day										lb/day					
Parking Lot	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.02907	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
Total		**0.02**	**0.20**	**0.17**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**238.71**		**0.00**	**0.00**	**240.17**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.05	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	9.05	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.20					0.00	0.00		0.00	0.00						0.00
Consumer Products	6.85					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**9.05**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

SubCategory	lb/day										lb/day					
Architectural Coating	2.20					0.00	0.00		0.00	0.00						0.00
Consumer Products	6.85					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**9.05**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

Hillwood Cott Beverage Plant

San Bernardino-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Unrefrigerated Warehouse-No Rail	346.08	1000sqft
Parking Lot	6.5	Acre

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**		**Utility Company**	Southern California Edison
Climate Zone	10		2.2		
		Precipitation Freq (Days)			
			32		

1.3 User Entered Comments

Project Characteristics -

Land Use -

Construction Phase - Per project plans, assume architectural coating starts before all of the building construction phase is complete.

Demolition -

Vehicle Trips - Trip rate of 1.44 from traffic study, used peak daily rate for weekdays, Saturday and Sunday. Assumed average truck trip length is 40 miles.

Vechicle Emission Factors - Fontana Truck Study fleet percentages.

Vechicle Emission Factors - Fontana Truck Study fleet percentages.

Vechicle Emission Factors - Fontana Truck Study fleet percentages.

Water And Wastewater - A Water Supply Assessment by EMWD for a similar project estimated water usage at 49,805 gallons per day yielding 18,178,825 gallons per year

Construction Off-road Equipment Mitigation - Standard SCAQMD Rule 403 dust control measures.

Grading -

Off-road Equipment - Simpler equipment required due to simple site.

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2012	10.63	89.31	51.85	0.09	18.34	4.39	22.62	9.94	4.39	14.22	0.00	9,522.64	0.00	0.94	0.00	9,542.48
2013	50.88	48.55	42.01	0.08	3.20	2.95	6.15	0.14	2.95	3.09	0.00	7,751.53	0.00	0.65	0.00	7,765.23
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2012	10.63	89.31	51.85	0.09	12.80	4.39	17.19	3.88	4.39	8.16	0.00	9,522.64	0.00	0.94	0.00	9,542.48
2013	50.88	48.55	42.01	0.08	3.20	2.95	6.15	0.14	2.95	3.09	0.00	7,751.53	0.00	0.65	0.00	7,765.23
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.05	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
Mobile	7.96	46.85	67.11	0.13	15.00	1.99	16.99	0.60	1.99	2.59		15,041.29		0.50		15,051.76
Total	**17.03**	**47.05**	**67.28**	**0.13**	**15.00**	**1.99**	**17.01**	**0.60**	**1.99**	**2.61**		**15,280.00**		**0.50**	**0.00**	**15,291.93**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.05	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00

Energy	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
Mobile	7.96	46.85	67.11	0.13	15.00	1.99	16.99	0.60	1.99	2.59		15,041.29		0.50		15,051.76
Total	**17.03**	**47.05**	**67.28**	**0.13**	**15.00**	**1.99**	**17.01**	**0.60**	**1.99**	**2.61**		**15,280.00**		**0.50**	**0.00**	**15,291.93**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.92	0.00	4.92	0.00	0.00	0.00						0.00
Off-Road	9.34	75.14	44.19	0.07		3.80	3.80		3.80	3.80		7,510.81		0.83		7,528.31
Total	**9.34**	**75.14**	**44.19**	**0.07**	**4.92**	**3.80**	**8.72**	**0.00**	**3.80**	**3.80**		**7,510.81**		**0.83**		**7,528.31**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	1.19	14.05	6.59	0.02	10.65	0.59	11.24	0.06	0.59	0.65		1,846.21		0.06		1,847.41
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.12	1.07	0.00	0.23	0.01	0.24	0.01	0.01	0.02		165.62		0.01		165.83
Total	**1.30**	**14.17**	**7.66**	**0.02**	**10.88**	**0.60**	**11.48**	**0.07**	**0.60**	**0.67**		**2,011.83**		**0.07**		**2,013.24**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.92	0.00	1.92	0.00	0.00	0.00						0.00
Off-Road	9.34	75.14	44.19	0.07		3.80	3.80		3.80	3.80	0.00	7,510.81		0.83		7,528.31
Total	**9.34**	**75.14**	**44.19**	**0.07**	**1.92**	**3.80**	**5.72**	**0.00**	**3.80**	**3.80**	**0.00**	**7,510.81**		**0.83**		**7,528.31**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.19	14.05	6.59	0.02	10.65	0.59	11.24	0.06	0.59	0.65		1,846.21		0.06		1,847.41
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.12	1.07	0.00	0.23	0.01	0.24	0.01	0.01	0.02		165.62		0.01		165.83
Total	**1.30**	**14.17**	**7.66**	**0.02**	**10.88**	**0.60**	**11.48**	**0.07**	**0.60**	**0.67**		**2,011.83**		**0.07**		**2,013.24**

3.3 Site Preparation - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	10.43	84.72	47.82	0.07		4.27	4.27		4.27	4.27		7,997.69		0.93		8,017.28
Total	**10.43**	**84.72**	**47.82**	**0.07**	**18.07**	**4.27**	**22.34**	**9.93**	**4.27**	**14.20**		**7,997.69**		**0.93**		**8,017.28**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.14	1.28	0.00	0.28	0.01	0.28	0.01	0.01	0.02		198.74		0.01		199.00
Total	**0.13**	**0.14**	**1.28**	**0.00**	**0.28**	**0.01**	**0.28**	**0.01**	**0.01**	**0.02**		**198.74**		**0.01**		**199.00**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87						0.00
Off-Road	10.43	84.72	47.82	0.07		4.27	4.27		4.27	4.27	0.00	7,997.69		0.93		8,017.28
Total	**10.43**	**84.72**	**47.82**	**0.07**	**7.05**	**4.27**	**11.32**	**3.87**	**4.27**	**8.14**	**0.00**	**7,997.69**		**0.93**		**8,017.28**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.13	0.14	1.28	0.00	0.28	0.01	0.28	0.01	0.01	0.02		198.74		0.01		199.00
Total	**0.13**	**0.14**	**1.28**	**0.00**	**0.28**	**0.01**	**0.28**	**0.01**	**0.01**	**0.02**		**198.74**		**0.01**		**199.00**

3.4 Grading - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.61	0.00	7.61	3.31	0.00	3.31						0.00

Off-Road	8.81	72.14	39.42	0.07		3.60	3.60		3.60	3.60		7,393.75		0.79		7,410.33
Total	**8.81**	**72.14**	**39.42**	**0.07**	**7.61**	**3.60**	**11.21**	**3.31**	**3.60**	**6.91**		**7,393.75**		**0.79**		**7,410.33**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.12	1.07	0.00	0.23	0.01	0.24	0.01	0.01	0.02		165.62		0.01		165.83
Total	**0.11**	**0.12**	**1.07**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**165.62**		**0.01**		**165.83**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.97	0.00	2.97	1.29	0.00	1.29						0.00
Off-Road	8.81	72.14	39.42	0.07		3.60	3.60		3.60	3.60	0.00	7,393.75		0.79		7,410.33
Total	**8.81**	**72.14**	**39.42**	**0.07**	**2.97**	**3.60**	**6.57**	**1.29**	**3.60**	**4.89**	**0.00**	**7,393.75**		**0.79**		**7,410.33**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.11	0.12	1.07	0.00	0.23	0.01	0.24	0.01	0.01	0.02		165.62		0.01		165.83
Total	**0.11**	**0.12**	**1.07**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**165.62**		**0.01**		**165.83**

3.5 Building Construction - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54		4,040.62		0.51		4,051.23
Total	**5.63**	**37.37**	**23.73**	**0.04**		**2.54**	**2.54**		**2.54**	**2.54**		**4,040.62**		**0.51**		**4,051.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.86	10.66	5.81	0.01	0.53	0.36	0.89	0.04	0.36	0.40		1,549.56		0.04		1,550.44
Worker	1.02	1.14	10.31	0.02	2.23	0.06	2.29	0.08	0.06	0.15		1,600.99		0.10		1,603.05
Total	**1.88**	**11.80**	**16.12**	**0.03**	**2.76**	**0.42**	**3.18**	**0.12**	**0.42**	**0.55**		**3,150.55**		**0.14**		**3,153.49**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.63	37.37	23.73	0.04		2.54	2.54		2.54	2.54	0.00	4,040.62		0.51		4,051.23
Total	**5.63**	**37.37**	**23.73**	**0.04**		**2.54**	**2.54**		**2.54**	**2.54**	**0.00**	**4,040.62**		**0.51**		**4,051.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.86	10.66	5.81	0.01	0.53	0.36	0.89	0.04	0.36	0.40		1,549.56		0.04		1,550.44
Worker	1.02	1.14	10.31	0.02	2.23	0.06	2.29	0.08	0.06	0.15		1,600.99		0.10		1,603.05
Total	**1.88**	**11.80**	**16.12**	**0.03**	**2.76**	**0.42**	**3.18**	**0.12**	**0.42**	**0.55**		**3,150.55**		**0.14**		**3,153.49**

3.5 Building Construction - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28		4,040.62		0.46		4,050.31
Total	**5.17**	**34.66**	**23.45**	**0.04**		**2.28**	**2.28**		**2.28**	**2.28**		**4,040.62**		**0.46**		**4,050.31**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.79	9.70	5.40	0.01	0.53	0.32	0.85	0.04	0.32	0.36		1,550.84		0.04		1,551.64
Worker	0.93	1.02	9.35	0.02	2.23	0.06	2.29	0.08	0.06	0.15		1,565.74		0.09		1,567.64
Total	**1.72**	**10.72**	**14.75**	**0.03**	**2.76**	**0.38**	**3.14**	**0.12**	**0.38**	**0.51**		**3,116.58**		**0.13**		**3,119.28**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.17	34.66	23.45	0.04		2.28	2.28		2.28	2.28	0.00	4,040.62		0.46		4,050.31
Total	**5.17**	**34.66**	**23.45**	**0.04**		**2.28**	**2.28**		**2.28**	**2.28**	**0.00**	**4,040.62**		**0.46**		**4,050.31**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00

Vendor	0.79	9.70	5.40	0.01	0.53	0.32	0.85	0.04	0.32	0.36		1,550.84		0.04		1,551.64
Worker	0.93	1.02	9.35	0.02	2.23	0.06	2.29	0.08	0.06	0.15		1,565.74		0.09		1,567.64
Total	**1.72**	**10.72**	**14.75**	**0.03**	**2.76**	**0.38**	**3.14**	**0.12**	**0.38**	**0.51**		**3,116.58**		**0.13**		**3,119.28**

3.6 Architectural Coating - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	43.32					0.00	0.00		0.00	0.00						0.00
Off-Road	0.49	2.96	1.94	0.00		0.27	0.27		0.27	0.27		281.19		0.04		282.10
Total	**43.81**	**2.96**	**1.94**	**0.00**		**0.27**	**0.27**		**0.27**	**0.27**		**281.19**		**0.04**		**282.10**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.20	1.87	0.00	0.45	0.01	0.46	0.02	0.01	0.03		313.15		0.02		313.53
Total	**0.19**	**0.20**	**1.87**	**0.00**	**0.45**	**0.01**	**0.46**	**0.02**	**0.01**	**0.03**		**313.15**		**0.02**		**313.53**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	43.32					0.00	0.00		0.00	0.00						0.00
Off-Road	0.49	2.96	1.94	0.00		0.27	0.27		0.27	0.27	0.00	281.19		0.04		282.10
Total	**43.81**	**2.96**	**1.94**	**0.00**		**0.27**	**0.27**		**0.27**	**0.27**	**0.00**	**281.19**		**0.04**		**282.10**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.19	0.20	1.87	0.00	0.45	0.01	0.46	0.02	0.01	0.03		313.15		0.02		313.53
Total	**0.19**	**0.20**	**1.87**	**0.00**	**0.45**	**0.01**	**0.46**	**0.02**	**0.01**	**0.03**		**313.15**		**0.02**		**313.53**

3.7 Paving - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.53	33.81	20.89	0.03		2.93	2.93		2.93	2.93		2,917.64		0.50		2,928.05
Paving	0.85					0.00	0.00		0.00	0.00						0.00
Total	**6.38**	**33.81**	**20.89**	**0.03**		**2.93**	**2.93**		**2.93**	**2.93**		**2,917.64**		**0.50**		**2,928.05**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	0.97	0.00	0.23	0.01	0.24	0.01	0.01	0.02		161.97		0.01		162.17
Total	**0.10**	**0.11**	**0.97**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**161.97**		**0.01**		**162.17**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.53	33.81	20.89	0.03		2.93	2.93		2.93	2.93	0.00	2,917.64		0.50		2,928.05
Paving	0.85					0.00	0.00		0.00	0.00						0.00

Total	**6.38**	**33.81**	**20.89**	**0.03**		**2.93**	**2.93**		**2.93**	**2.93**	**0.00**	**2,917.64**		**0.50**		**2,928.05**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.10	0.11	0.97	0.00	0.23	0.01	0.24	0.01	0.01	0.02		161.97		0.01		162.17
Total	**0.10**	**0.11**	**0.97**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**161.97**		**0.01**		**162.17**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.96	46.85	67.11	0.13	15.00	1.99	16.99	0.60	1.99	2.59		15,041.29		0.50		15,051.76
Unmitigated	7.96	46.85	67.11	0.13	15.00	1.99	16.99	0.60	1.99	2.59		15,041.29		0.50		15,051.76
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	498.36	498.36	498.36	4,505,864	4,505,864
Total	498.36	498.36	498.36	4,505,864	4,505,864

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Parking Lot	8.90	13.30	7.40	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	40.00	13.30	7.40	59.00	0.00	41.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
NaturalGas Unmitigated	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Parking Lot	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2029.07	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
Total		**0.02**	**0.20**	**0.17**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**238.71**		**0.00**	**0.00**	**240.17**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Land Use	kBTU	lb/day										lb/day					
Parking Lot	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	2.02907	0.02	0.20	0.17	0.00		0.00	0.02		0.00	0.02		238.71		0.00	0.00	240.17
Total		**0.02**	**0.20**	**0.17**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**		**238.71**		**0.00**	**0.00**	**240.17**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.05	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	9.05	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.20					0.00	0.00		0.00	0.00						0.00
Consumer Products	6.85					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**9.05**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

SubCategory	lb/day										lb/day					
Architectural Coating	2.20					0.00	0.00		0.00	0.00						0.00
Consumer Products	6.85					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**9.05**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

Hillwood Cott Beverage Plant

San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Unrefrigerated Warehouse-No Rail	346.08	1000sqft
Parking Lot	6.5	Acre

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**		**Utility Company**	Southern California Edison
Climate Zone	10		2.2		
		Precipitation Freq (Days)			
			32		

1.3 User Entered Comments

Project Characteristics -

Land Use -

Construction Phase - Per project plans, assume architectural coating starts before all of the building construction phase is complete.

Demolition -

Vehicle Trips - Trip rate of 1.44 from traffic study, used peak daily rate for weekdays, Saturday and Sunday. Assumed average truck trip length is 40 miles.

Vechicle Emission Factors - Fontana Truck Study fleet percentages.

Vechicle Emission Factors - Fontana Truck Study fleet percentages.

Vechicle Emission Factors - Fontana Truck Study fleet percentages.

Water And Wastewater - A Water Supply Assessment by EMWD for a similar project estimated water usage at 49,805 gallons per day yielding 18,178,825 gallons per year.

Construction Off-road Equipment Mitigation - Standard SCAQMD Rule 403 dust control measures.

Grading -

Off-road Equipment - Simpler equipment required due to simple site.

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2012	0.63	4.64	3.22	0.01	0.47	0.26	0.72	0.12	0.26	0.37	0.00	529.46	529.46	0.05	0.00	530.52
2013	4.84	5.31	4.58	0.01	0.30	0.33	0.63	0.01	0.33	0.35	0.00	760.25	760.25	0.07	0.00	761.63
Total	**5.47**	**9.95**	**7.80**	**0.02**	**0.77**	**0.59**	**1.35**	**0.13**	**0.59**	**0.72**	**0.00**	**1,289.71**	**1,289.71**	**0.12**	**0.00**	**1,292.15**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2012	0.63	4.64	3.22	0.01	0.31	0.26	0.57	0.05	0.26	0.30	0.00	529.46	529.46	0.05	0.00	530.52
2013	4.84	5.31	4.58	0.01	0.30	0.33	0.63	0.01	0.33	0.35	0.00	760.25	760.25	0.07	0.00	761.63
Total	**5.47**	**9.95**	**7.80**	**0.02**	**0.61**	**0.59**	**1.20**	**0.06**	**0.59**	**0.65**	**0.00**	**1,289.71**	**1,289.71**	**0.12**	**0.00**	**1,292.15**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.65	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.04	0.03	0.00		0.00	0.00		0.00	0.00	0.00	343.53	343.53	0.01	0.01	345.67
Mobile	1.38	8.16	12.55	0.02	2.45	0.36	2.81	0.11	0.36	0.47	0.00	2,539.31	2,539.31	0.08	0.00	2,541.03
Waste						0.00	0.00		0.00	0.00	758.71	0.00	758.71	44.84	0.00	1,700.32
Water						0.00	0.00		0.00	0.00	0.00	69.05	69.05	0.56	0.01	85.41
Total	**3.03**	**8.20**	**12.58**	**0.02**	**2.45**	**0.36**	**2.81**	**0.11**	**0.36**	**0.47**	**758.71**	**2,951.89**	**3,710.60**	**45.49**	**0.02**	**4,672.43**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Area	1.65	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.04	0.03	0.00		0.00	0.00		0.00	0.00	0.00	343.53	343.53	0.01	0.01	345.67
Mobile	1.38	8.16	12.55	0.02	2.45	0.36	2.81	0.11	0.36	0.47	0.00	2,539.31	2,539.31	0.08	0.00	2,541.03
Waste						0.00	0.00		0.00	0.00	758.71	0.00	758.71	44.84	0.00	1,700.32
Water						0.00	0.00		0.00	0.00	0.00	69.05	69.05	0.56	0.01	85.41
Total	**3.03**	**8.20**	**12.58**	**0.02**	**2.45**	**0.36**	**2.81**	**0.11**	**0.36**	**0.47**	**758.71**	**2,951.89**	**3,710.60**	**45.49**	**0.02**	**4,672.43**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.05	0.00	0.05	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.09	0.75	0.44	0.00		0.04	0.04		0.04	0.04	0.00	68.12	68.12	0.01	0.00	68.28
Total	**0.09**	**0.75**	**0.44**	**0.00**	**0.05**	**0.04**	**0.09**	**0.01**	**0.04**	**0.05**	**0.00**	**68.12**	**68.12**	**0.01**	**0.00**	**68.28**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.01	0.14	0.06	0.00	0.10	0.01	0.10	0.00	0.01	0.01	0.00	16.80	16.80	0.00	0.00	16.81
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.56	1.56	0.00	0.00	1.56
Total	**0.01**	**0.14**	**0.07**	**0.00**	**0.10**	**0.01**	**0.10**	**0.00**	**0.01**	**0.01**	**0.00**	**18.36**	**18.36**	**0.00**	**0.00**	**18.37**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.09	0.75	0.44	0.00		0.04	0.04		0.04	0.04	0.00	68.12	68.12	0.01	0.00	68.28
Total	**0.09**	**0.75**	**0.44**	**0.00**	**0.02**	**0.04**	**0.06**	**0.00**	**0.04**	**0.04**	**0.00**	**68.12**	**68.12**	**0.01**	**0.00**	**68.28**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.01	0.14	0.06	0.00	0.10	0.01	0.10	0.00	0.01	0.01	0.00	16.80	16.80	0.00	0.00	16.81
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.56	1.56	0.00	0.00	1.56
Total	**0.01**	**0.14**	**0.07**	**0.00**	**0.10**	**0.01**	**0.10**	**0.00**	**0.01**	**0.01**	**0.00**	**18.36**	**18.36**	**0.00**	**0.00**	**18.37**

3.3 Site Preparation - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.09	0.00	0.09	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00

Off-Road	0.05	0.42	0.24	0.00		0.02	0.02		0.02	0.02	0.00	36.27	36.27	0.00	0.00	36.36
Total	**0.05**	**0.42**	**0.24**	**0.00**	**0.09**	**0.02**	**0.11**	**0.05**	**0.02**	**0.07**	**0.00**	**36.27**	**36.27**	**0.00**	**0.00**	**36.36**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.94	0.00	0.00	0.94
Total	**0.00**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.94**	**0.94**	**0.00**	**0.00**	**0.94**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.04	0.00	0.04	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.05	0.42	0.24	0.00		0.02	0.02		0.02	0.02	0.00	36.27	36.27	0.00	0.00	36.36
Total	**0.05**	**0.42**	**0.24**	**0.00**	**0.04**	**0.02**	**0.06**	**0.02**	**0.02**	**0.04**	**0.00**	**36.27**	**36.27**	**0.00**	**0.00**	**36.36**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.94	0.00	0.00	0.94
Total	**0.00**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.94**	**0.94**	**0.00**	**0.00**	**0.94**

3.4 Grading - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.11	0.00	0.11	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.13	1.08	0.59	0.00		0.05	0.05		0.05	0.05	0.00	100.59	100.59	0.01	0.00	100.81
Total	**0.13**	**1.08**	**0.59**	**0.00**	**0.11**	**0.05**	**0.16**	**0.05**	**0.05**	**0.10**	**0.00**	**100.59**	**100.59**	**0.01**	**0.00**	**100.81**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.34	2.34	0.00	0.00	2.34
Total	**0.00**	**0.00**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.34**	**2.34**	**0.00**	**0.00**	**2.34**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.04	0.00	0.04	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.13	1.08	0.59	0.00		0.05	0.05		0.05	0.05	0.00	100.59	100.59	0.01	0.00	100.81
Total	**0.13**	**1.08**	**0.59**	**0.00**	**0.04**	**0.05**	**0.09**	**0.02**	**0.05**	**0.07**	**0.00**	**100.59**	**100.59**	**0.01**	**0.00**	**100.81**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.34	2.34	0.00	0.00	2.34

Total	**0.00**	**0.00**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.34**	**2.34**	**0.00**	**0.00**	**2.34**

3.5 Building Construction - 2012

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.26	1.72	1.09	0.00		0.12	0.12		0.12	0.12	0.00	168.57	168.57	0.02	0.00	169.01
Total	**0.26**	**1.72**	**1.09**	**0.00**		**0.12**	**0.12**		**0.12**	**0.12**	**0.00**	**168.57**	**168.57**	**0.02**	**0.00**	**169.01**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.04	0.47	0.26	0.00	0.02	0.02	0.04	0.00	0.02	0.02	0.00	64.98	64.98	0.00	0.00	65.01
Worker	0.04	0.05	0.50	0.00	0.09	0.00	0.09	0.00	0.00	0.01	0.00	69.31	69.31	0.00	0.00	69.39
Total	**0.08**	**0.52**	**0.76**	**0.00**	**0.11**	**0.02**	**0.13**	**0.00**	**0.02**	**0.03**	**0.00**	**134.29**	**134.29**	**0.00**	**0.00**	**134.40**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.26	1.72	1.09	0.00		0.12	0.12		0.12	0.12	0.00	168.57	168.57	0.02	0.00	169.01
Total	**0.26**	**1.72**	**1.09**	**0.00**		**0.12**	**0.12**		**0.12**	**0.12**	**0.00**	**168.57**	**168.57**	**0.02**	**0.00**	**169.01**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.04	0.47	0.26	0.00	0.02	0.02	0.04	0.00	0.02	0.02	0.00	64.98	64.98	0.00	0.00	65.01
Worker	0.04	0.05	0.50	0.00	0.09	0.00	0.09	0.00	0.00	0.01	0.00	69.31	69.31	0.00	0.00	69.39
Total	**0.08**	**0.52**	**0.76**	**0.00**	**0.11**	**0.02**	**0.13**	**0.00**	**0.02**	**0.03**	**0.00**	**134.29**	**134.29**	**0.00**	**0.00**	**134.40**

3.5 Building Construction - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.54	3.60	2.44	0.00		0.24	0.24		0.24	0.24	0.00	381.12	381.12	0.04	0.00	382.03
Total	**0.54**	**3.60**	**2.44**	**0.00**		**0.24**	**0.24**		**0.24**	**0.24**	**0.00**	**381.12**	**381.12**	**0.04**	**0.00**	**382.03**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.08	0.98	0.54	0.00	0.05	0.03	0.08	0.00	0.03	0.04	0.00	147.04	147.04	0.00	0.00	147.12
Worker	0.09	0.10	1.02	0.00	0.21	0.01	0.21	0.01	0.01	0.02	0.00	153.26	153.26	0.01	0.00	153.44
Total	**0.17**	**1.08**	**1.56**	**0.00**	**0.26**	**0.04**	**0.29**	**0.01**	**0.04**	**0.06**	**0.00**	**300.30**	**300.30**	**0.01**	**0.00**	**300.56**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.54	3.60	2.44	0.00		0.24	0.24		0.24	0.24	0.00	381.12	381.12	0.04	0.00	382.03
Total	**0.54**	**3.60**	**2.44**	**0.00**		**0.24**	**0.24**		**0.24**	**0.24**	**0.00**	**381.12**	**381.12**	**0.04**	**0.00**	**382.03**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.08	0.98	0.54	0.00	0.05	0.03	0.08	0.00	0.03	0.04	0.00	147.04	147.04	0.00	0.00	147.12
Worker	0.09	0.10	1.02	0.00	0.21	0.01	0.21	0.01	0.01	0.02	0.00	153.26	153.26	0.01	0.00	153.44
Total	**0.17**	**1.08**	**1.56**	**0.00**	**0.26**	**0.04**	**0.29**	**0.01**	**0.04**	**0.06**	**0.00**	**300.30**	**300.30**	**0.01**	**0.00**	**300.56**

3.6 Architectural Coating - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.01					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.27	0.18	0.00		0.02	0.02		0.02	0.02	0.00	23.59	23.59	0.00	0.00	23.67
Total	**4.05**	**0.27**	**0.18**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**	**0.00**	**23.59**	**23.59**	**0.00**	**0.00**	**23.67**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.02	0.02	0.18	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	27.26	27.26	0.00	0.00	27.29
Total	**0.02**	**0.02**	**0.18**	**0.00**	**0.04**	**0.00**	**0.04**	**0.00**	**0.00**	**0.00**	**0.00**	**27.26**	**27.26**	**0.00**	**0.00**	**27.29**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.01					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.27	0.18	0.00		0.02	0.02		0.02	0.02	0.00	23.59	23.59	0.00	0.00	23.67

Total	**4.05**	**0.27**	**0.18**	**0.00**		**0.02**	**0.02**		**0.02**	**0.02**	**0.00**	**23.59**	**23.59**	**0.00**	**0.00**	**23.67**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.02	0.02	0.18	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00	27.26	27.26	0.00	0.00	27.29
Total	**0.02**	**0.02**	**0.18**	**0.00**	**0.04**	**0.00**	**0.04**	**0.00**	**0.00**	**0.00**	**0.00**	**27.26**	**27.26**	**0.00**	**0.00**	**27.29**

3.7 Paving - 2013

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.06	0.34	0.21	0.00		0.03	0.03		0.03	0.03	0.00	26.46	26.46	0.00	0.00	26.56
Paving	0.01					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.07**	**0.34**	**0.21**	**0.00**		**0.03**	**0.03**		**0.03**	**0.03**	**0.00**	**26.46**	**26.46**	**0.00**	**0.00**	**26.56**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	1.52	0.00	0.00	1.53
Total	**0.00**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.52**	**1.52**	**0.00**	**0.00**	**1.53**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.06	0.34	0.21	0.00		0.03	0.03		0.03	0.03	0.00	26.46	26.46	0.00	0.00	26.56
Paving	0.01					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.07**	**0.34**	**0.21**	**0.00**		**0.03**	**0.03**		**0.03**	**0.03**	**0.00**	**26.46**	**26.46**	**0.00**	**0.00**	**26.56**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	1.52	0.00	0.00	1.53
Total	**0.00**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.52**	**1.52**	**0.00**	**0.00**	**1.53**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.38	8.16	12.55	0.02	2.45	0.36	2.81	0.11	0.36	0.47	0.00	2,539.31	2,539.31	0.08	0.00	2,541.03
Unmitigated	1.38	8.16	12.55	0.02	2.45	0.36	2.81	0.11	0.36	0.47	0.00	2,539.31	2,539.31	0.08	0.00	2,541.03
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	498.36	498.36	498.36	4,505,864	4,505,864
Total	498.36	498.36	498.36	4,505,864	4,505,864

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Parking Lot	8.90	13.30	7.40	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	40.00	13.30	7.40	59.00	0.00	41.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.00	0.00		0.00	0.00	0.00	304.01	304.01	0.01	0.01	305.91
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	304.01	304.01	0.01	0.01	305.91
NaturalGas Mitigated	0.00	0.04	0.03	0.00		0.00	0.00		0.00	0.00	0.00	39.52	39.52	0.00	0.00	39.76
NaturalGas Unmitigated	0.00	0.04	0.03	0.00		0.00	0.00		0.00	0.00	0.00	39.52	39.52	0.00	0.00	39.76
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					

Parking Lot	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	740611	0.00	0.04	0.03	0.00		0.00	0.00		0.00	0.00	0.00	39.52	39.52	0.00	0.00	39.76
Total		**0.00**	**0.04**	**0.03**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**39.52**	**39.52**	**0.00**	**0.00**	**39.76**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					
Parking Lot	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	740611	0.00	0.04	0.03	0.00		0.00	0.00		0.00	0.00	0.00	39.52	39.52	0.00	0.00	39.76
Total		**0.00**	**0.04**	**0.03**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**39.52**	**39.52**	**0.00**	**0.00**	**39.76**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Parking Lot	0					0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	1.04516e+006					304.01	0.01	0.01	305.91
Total						**304.01**	**0.01**	**0.01**	**305.91**

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Parking Lot	0					0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	1.04516e+006					304.01	0.01	0.01	305.91
Total						**304.01**	**0.01**	**0.01**	**305.91**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.65	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unmitigated	1.65	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.40					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.25					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**1.65**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.40					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.25					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**1.65**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					69.05	0.56	0.01	85.41
Unmitigated					69.05	0.56	0.01	85.41
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Parking Lot	0 / 0					0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	18.1788 / 0					69.05	0.56	0.01	85.41
Total						**69.05**	**0.56**	**0.01**	**85.41**

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Parking Lot	0 / 0					0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	18.1788 / 0					69.05	0.56	0.01	85.41
Total						**69.05**	**0.56**	**0.01**	**85.41**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					758.71	44.84	0.00	1,700.32
Unmitigated					758.71	44.84	0.00	1,700.32
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Parking Lot	0					0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	3737.66					758.71	44.84	0.00	1,700.32
Total						**758.71**	**44.84**	**0.00**	**1,700.32**

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Parking Lot	0					0.00	0.00	0.00	0.00
Unrefrigerated Warehouse-No Rail	3737.66					758.71	44.84	0.00	1,700.32
Total						**758.71**	**44.84**	**0.00**	**1,700.32**

9.0 Vegetation

APPENDIX B

CO HOT SPOT ANALYSIS MODEL PRINTOUTS

COTT BEVERAGE FACILITY

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

EXISTING BASELINE CONDITIONS

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: Existing-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	9	-150	9	0	AG	773	4.0	.0	13.5
B. Waterman NBD	9	0	9	150	AG	900	2.8	.0	11.8
C. Waterman NBL	5	-150	0	0	AG	98	5.5	.0	10.0
D. Waterman SBA	-9	150	-9	0	AG	877	4.0	.0	13.5
E. Waterman SBD	-9	0	-9	-150	AG	1010	2.8	.0	11.8
F. Waterman SBL	-5	150	0	0	AG	96	5.5	.0	10.0
G. Mill Str EBA	-150	-9	0	-9	AG	379	5.1	.0	13.5
H. Mill Str EBD	0	-9	150	-9	AG	429	3.2	.0	10.0
I. Mill Str EBL	-150	-5	0	0	AG	129	5.5	.0	10.0
J. Mill Str WBA	150	7	0	7	AG	429	5.9	.0	10.0
K. Mill Str WBD	0	7	-150	7	AG	577	5.6	.0	10.0
L. Mill Str WBL	150	5	0	0	AG	135	5.5	.0	10.0
M. Waterma NBAX	9	-750	9	-150	AG	871	2.7	.0	13.5
N. Waterma NBDX	9	150	9	750	AG	900	2.7	.0	11.8
O. Waterma SBAX	-9	750	-9	150	AG	973	2.7	.0	13.5
P. Waterma SBDX	-9	-150	-9	-750	AG	1010	2.7	.0	11.8
Q. Mill St EBAX	-750	-9	-150	-9	AG	508	2.7	.0	13.5
R. Mill St EBDX	150	-9	750	-9	AG	429	2.7	.0	10.0
S. Mill St WBAX	750	7	150	7	AG	564	2.7	.0	10.0
T. Mill St WBDX	-150	7	-750	7	AG	577	2.7	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: Existing-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-15	1.8
2. NW	-17	14	1.8
3. SW	-16	-17	1.8
4. NE	16	14	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	16	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	17	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	16	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: Existing-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	350.	.9	.0	.3	.0	.1	.0	.0	.0	.0
2. NW	170.	1.0	.1	.0	.0	.0	.3	.0	.0	.0
3. SW	8.	1.0	.0	.0	.0	.4	.0	.0	.1	.0
4. NE	261.	1.0	.0	.2	.0	.1	.0	.0	.0	.0
5. ES mdblk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	98.	.9	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	81.	.7	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.9	.4	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.9	.0	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	7.	.8	.0	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	188.	.8	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: Existing-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: Existing-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	5	-150	5	0	AG	898	4.0	.0	13.5
B. Waterman NBD	5	0	5	150	AG	898	2.8	.0	11.8
C. Waterman NBL	2	-150	0	0	AG	0	2.7	.0	10.0
D. Waterman SBA	-5	150	-5	0	AG	1071	4.1	.0	13.5
E. Waterman SBD	-5	0	-5	-150	AG	1071	2.8	.0	13.5
F. Waterman SBL	-2	150	0	0	AG	0	2.7	.0	10.0
G. Driveway EBA	-150	0	0	0	AG	0	3.1	.0	10.0
H. Driveway EBD	0	0	150	0	AG	0	3.1	.0	10.0
I. Driveway EBL	-150	-2	0	0	AG	0	3.1	.0	10.0
J. Driveway WBA	150	2	0	2	AG	0	3.1	.0	10.0
K. Driveway WBD	0	2	-150	2	AG	0	3.1	.0	10.0
L. Driveway WBL	150	2	0	0	AG	0	3.1	.0	10.0
M. Waterma NBAX	5	-750	5	-150	AG	898	2.7	.0	13.5
N. Waterma NBDX	5	150	5	750	AG	898	2.7	.0	11.8
O. Waterma SBAX	-5	750	-5	150	AG	1071	2.7	.0	13.5
P. Waterma SBDX	-5	-150	-5	-750	AG	1071	2.7	.0	13.5
Q. Drivewa EBAX	-750	0	-150	0	AG	0	3.1	.0	10.0
R. Drivewa EBDX	150	0	750	0	AG	0	3.1	.0	10.0
S. Drivewa WBAX	750	2	150	2	AG	0	3.1	.0	10.0
T. Drivewa WBDX	-150	2	-750	2	AG	0	3.1	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Hillwood Cott Beverage Plant
RUN: Existing-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	8	1.8
3. SW	-14	-7	1.8
4. NE	13	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	13	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	13	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: Existing-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.8	.5	.0	.0	.0	.1	.0	.0	.0
2. NW	8.	.8	.0	.1	.0	.6	.0	.0	.0	.0
3. SW	7.	.8	.0	.1	.0	.5	.0	.0	.0	.0
4. NE	187.	.8	.5	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	338.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	158.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	22.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	202.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.8	.5	.0	.0	.1	.1	.0	.0	.0
10. NW mdblk	173.	.9	.0	.0	.0	.6	.0	.0	.0	.0
11. SW mdblk	7.	.8	.1	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	187.	.8	.0	.3	.0	.2	.0	.0	.0	.0
13. ES blk	273.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	86.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	272.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: Existing-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: Existing-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	4	-150	4	0	AG	898	4.3	.0	10.0
B. Waterman NBD	4	0	4	150	AG	898	2.8	.0	10.0
C. Waterman NBL	2	-150	0	0	AG	0	2.7	.0	10.0
D. Waterman SBA	-4	150	-4	0	AG	1071	4.4	.0	10.0
E. Waterman SBD	-4	0	-4	-150	AG	1071	2.9	.0	10.0
F. Waterman SBL	-2	150	0	0	AG	0	2.7	.0	10.0
G. Driveway EBA	-150	0	0	0	AG	0	3.1	.0	10.0
H. Driveway EBD	0	0	150	0	AG	0	3.1	.0	10.0
I. Driveway EBL	-150	-2	0	0	AG	0	3.1	.0	10.0
J. Driveway WBA	150	2	0	2	AG	0	3.1	.0	10.0
K. Driveway WBD	0	2	-150	2	AG	0	3.1	.0	10.0
L. Driveway WBL	150	2	0	0	AG	0	3.1	.0	10.0
M. Waterma NBAX	4	-750	4	-150	AG	898	2.7	.0	10.0
N. Waterma NBDX	4	150	4	750	AG	898	2.7	.0	10.0
O. Waterma SBAX	-4	750	-4	150	AG	1071	2.7	.0	10.0
P. Waterma SBDX	-4	-150	-4	-750	AG	1071	2.7	.0	10.0
Q. Drivewa EBAX	-750	0	-150	0	AG	0	3.1	.0	10.0
R. Drivewa EBDX	150	0	750	0	AG	0	3.1	.0	10.0
S. Drivewa WBAX	750	2	150	2	AG	0	3.1	.0	10.0
T. Drivewa WBDX	-150	2	-750	2	AG	0	3.1	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: Existing-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	10	-7	1.8
2. NW	-10	8	1.8
3. SW	-10	-7	1.8
4. NE	10	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	10	-150	1.8
10. NW mdblk	-10	150	1.8
11. SW mdblk	-10	-150	1.8
12. NE mdblk	10	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	10	-600	1.8
18. NW blk	-10	600	1.8
19. SW blk	-10	-600	1.8
20. NE blk	10	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: Existing-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.9	.6	.0	.0	.0	.2	.0	.0	.0
2. NW	8.	1.0	.0	.2	.0	.7	.0	.0	.0	.0
3. SW	7.	1.0	.0	.2	.0	.6	.0	.0	.0	.0
4. NE	187.	.9	.5	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	337.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	157.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	23.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	203.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.9	.5	.0	.0	.0	.2	.0	.0	.0
10. NW mdblk	173.	1.0	.0	.2	.0	.7	.0	.0	.0	.0
11. SW mdblk	7.	.9	.2	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	187.	.8	.0	.4	.0	.3	.0	.0	.0	.0
13. ES blk	273.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	87.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	272.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: Existing-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: Existing-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	7	-150	7	0	AG	881	4.3	.0	10.0
B. Waterman NBD	7	0	7	150	AG	898	2.8	.0	10.0
C. Waterman NBL	5	-150	0	0	AG	14	5.5	.0	10.0
D. Waterman SBA	-7	150	-7	0	AG	1058	4.4	.0	10.0
E. Waterman SBD	-7	0	-7	-150	AG	1070	2.9	.0	10.0
F. Waterman SBL	-5	150	0	0	AG	13	5.5	.0	10.0
G. Drake St EBA	-150	-2	0	-2	AG	28	5.1	.0	10.0
H. Drake St EBD	0	-2	150	-2	AG	13	3.3	.0	10.0
I. Drake St EBL	-150	-2	0	0	AG	17	5.6	.0	10.0
J. Drake St WBA	150	2	0	2	AG	0	2.8	.0	10.0
K. Drake St WBD	0	2	-150	2	AG	30	3.3	.0	10.0
L. Drake St WBL	150	2	0	0	AG	0	2.8	.0	10.0
M. Waterma NBAX	7	-750	7	-150	AG	895	2.7	.0	10.0
N. Waterma NBDX	7	150	7	750	AG	898	2.7	.0	10.0
O. Waterma SBAX	-7	750	-7	150	AG	1071	2.7	.0	10.0
P. Waterma SBDX	-7	-150	-7	-750	AG	1070	2.7	.0	10.0
Q. Drake S EBAX	-750	-2	-150	-2	AG	45	2.8	.0	10.0
R. Drake S EBDX	150	-2	750	-2	AG	13	2.8	.0	10.0
S. Drake S WBAX	750	2	150	2	AG	0	2.8	.0	10.0
T. Drake S WBDX	-150	2	-750	2	AG	30	2.8	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: Existing-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-8	1.8
2. NW	-14	8	1.8
3. SW	-14	-8	1.8
4. NE	14	8	1.8
5. ES mdblk	150	-8	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-8	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-8	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-8	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	14	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: Existing-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.8	.5	.0	.0	.0	.1	.0	.0	.0
2. NW	8.	.9	.0	.0	.0	.7	.0	.0	.0	.0
3. SW	8.	.9	.0	.0	.0	.6	.0	.0	.0	.0
4. NE	188.	.8	.5	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	272.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	98.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	81.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	268.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.9	.6	.0	.0	.1	.1	.0	.0	.0
10. NW mdblk	172.	1.0	.0	.0	.0	.7	.0	.0	.0	.0
11. SW mdblk	7.	.8	.1	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	188.	.7	.0	.4	.0	.2	.0	.0	.0	.0
13. ES blk	272.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	94.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	86.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	268.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: Existing-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: Existing-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Driveway NBA	0	-150	0	0	AG	0	3.1	.0	10.0
B. Driveway NBD	0	0	0	150	AG	0	3.1	.0	10.0
C. Driveway NBL	2	-150	0	0	AG	0	3.1	.0	10.0
D. Driveway SBA	0	150	0	0	AG	0	3.1	.0	10.0
E. Driveway SBD	0	0	0	-150	AG	0	3.1	.0	10.0
F. Driveway SBL	-2	150	0	0	AG	0	3.1	.0	10.0
G. Mill Str EBA	-150	-4	0	-4	AG	429	4.0	.0	10.0
H. Mill Str EBD	0	-4	150	-4	AG	429	2.8	.0	10.0
I. Mill Str EBL	-150	-2	0	0	AG	0	2.7	.0	10.0
J. Mill Str WBA	150	7	0	7	AG	564	4.0	.0	10.0
K. Mill Str WBD	0	7	-150	7	AG	564	2.8	.0	10.0
L. Mill Str WBL	150	5	0	0	AG	0	2.7	.0	10.0
M. Drivewa NBAX	0	-750	0	-150	AG	0	3.1	.0	10.0
N. Drivewa NBDX	0	150	0	750	AG	0	3.1	.0	10.0
O. Drivewa SBAX	0	750	0	150	AG	0	3.1	.0	10.0
P. Drivewa SBDX	0	-150	0	-750	AG	0	3.1	.0	10.0
Q. Mill St EBAX	-750	-4	-150	-4	AG	429	2.7	.0	10.0
R. Mill St EBDX	150	-4	750	-4	AG	429	2.7	.0	10.0
S. Mill St WBAX	750	7	150	7	AG	564	2.7	.0	10.0
T. Mill St WBDX	-150	7	-750	7	AG	564	2.7	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Hillwood Cott Beverage Plant
RUN: Existing-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-10	1.8
2. NW	-7	14	1.8
3. SW	-7	-10	1.8
4. NE	7	14	1.8
5. ES mdblk	150	-10	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-10	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-7	150	1.8
11. SW mdblk	-7	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-10	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-10	1.8
16. EN blk	600	14	1.8
17. SE blk	7	-600	1.8
18. NW blk	-7	600	1.8
19. SW blk	-7	-600	1.8
20. NE blk	7	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: Existing-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	277.	.4	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	277.	.4	.0	.0	.0	.0	.0	.0	.3	.0
4. NE	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.4	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.5	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	293.	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	111.	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	67.	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	249.	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	2.	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	176.	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: Existing-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

COTT BEVERAGE FACILITY

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

EXISTING PLUS PROJECT CONDITIONS

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 366. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	9	-150	9	0	AG	777	4.0	.0	13.5
B. Waterman NBD	9	0	9	150	AG	904	2.8	.0	11.8
C. Waterman NBL	5	-150	0	0	AG	115	5.5	.0	10.0
D. Waterman SBA	-9	150	-9	0	AG	878	4.0	.0	13.5
E. Waterman SBD	-9	0	-9	-150	AG	1019	2.8	.0	11.8
F. Waterman SBL	-5	150	0	0	AG	97	5.5	.0	10.0
G. Mill Str EBA	-150	-9	0	-9	AG	390	5.1	.0	13.5
H. Mill Str EBD	0	-9	150	-9	AG	433	3.2	.0	10.0
I. Mill Str EBL	-150	-5	0	0	AG	129	5.5	.0	10.0
J. Mill Str WBA	150	7	0	7	AG	429	5.9	.0	10.0
K. Mill Str WBD	0	7	-150	7	AG	594	5.6	.0	10.0
L. Mill Str WBL	150	5	0	0	AG	135	5.5	.0	10.0
M. Waterma NBAX	9	-750	9	-150	AG	892	2.7	.0	13.5
N. Waterma NBDX	9	150	9	750	AG	904	2.7	.0	11.8
O. Waterma SBAX	-9	750	-9	150	AG	975	2.7	.0	13.5
P. Waterma SBDX	-9	-150	-9	-750	AG	1019	2.7	.0	11.8
Q. Mill St EBAX	-750	-9	-150	-9	AG	519	2.7	.0	13.5
R. Mill St EBDX	150	-9	750	-9	AG	433	2.7	.0	10.0
S. Mill St WBAX	750	7	150	7	AG	564	2.7	.0	10.0
T. Mill St WBDX	-150	7	-750	7	AG	594	2.7	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-15	1.8
2. NW	-17	14	1.8
3. SW	-16	-17	1.8
4. NE	16	14	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	16	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	17	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	16	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	278.	.9	.2	.0	.0	.0	.0	.0	.2	.0
2. NW	170.	1.0	.1	.0	.0	.0	.3	.0	.0	.0
3. SW	8.	1.0	.0	.0	.0	.4	.0	.0	.1	.0
4. NE	261.	1.0	.0	.2	.0	.1	.0	.0	.0	.0
5. ES mdblk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	98.	.9	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	81.	.7	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.9	.4	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.9	.0	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	7.	.8	.0	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	188.	.8	.0	.4	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	5	-150	5	0	AG	905	4.1	.0	13.5
B. Waterman NBD	5	0	5	150	AG	918	2.8	.0	11.8
C. Waterman NBL	2	-150	0	0	AG	0	2.7	.0	10.0
D. Waterman SBA	-5	150	-5	0	AG	1080	4.1	.0	13.5
E. Waterman SBD	-5	0	-5	-150	AG	1080	2.8	.0	13.5
F. Waterman SBL	-2	150	0	0	AG	0	2.7	.0	10.0
G. Driveway EBA	-150	0	0	0	AG	0	3.1	.0	10.0
H. Driveway EBD	0	0	150	0	AG	0	3.1	.0	10.0
I. Driveway EBL	-150	-2	0	0	AG	0	3.1	.0	10.0
J. Driveway WBA	150	2	0	2	AG	13	5.2	.0	10.0
K. Driveway WBD	0	2	-150	2	AG	0	3.1	.0	10.0
L. Driveway WBL	150	2	0	0	AG	0	3.1	.0	10.0
M. Waterma NBAX	5	-750	5	-150	AG	905	2.7	.0	13.5
N. Waterma NBDX	5	150	5	750	AG	918	2.7	.0	11.8
O. Waterma SBAX	-5	750	-5	150	AG	1080	2.7	.0	13.5
P. Waterma SBDX	-5	-150	-5	-750	AG	1080	2.7	.0	13.5
Q. Drivewa EBAX	-750	0	-150	0	AG	0	3.1	.0	10.0
R. Drivewa EBDX	150	0	750	0	AG	0	3.1	.0	10.0
S. Drivewa WBAX	750	2	150	2	AG	13	3.1	.0	10.0
T. Drivewa WBDX	-150	2	-750	2	AG	0	3.1	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	8	1.8
3. SW	-14	-7	1.8
4. NE	13	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	13	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	13	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.8	.5	.0	.0	.0	.1	.0	.0	.0
2. NW	8.	.9	.0	.1	.0	.6	.0	.0	.0	.0
3. SW	7.	.8	.0	.1	.0	.5	.0	.0	.0	.0
4. NE	187.	.8	.5	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	338.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	158.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	22.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	202.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.8	.5	.0	.0	.1	.1	.0	.0	.0
10. NW mdblk	173.	.9	.0	.0	.0	.6	.0	.0	.0	.0
11. SW mdblk	7.	.8	.1	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	187.	.8	.0	.4	.0	.2	.0	.0	.0	.0
13. ES blk	274.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	267.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	4	-150	4	0	AG	903	4.3	.0	10.0
B. Waterman NBD	4	0	4	150	AG	906	2.8	.0	10.0
C. Waterman NBL	2	-150	0	0	AG	0	2.7	.0	10.0
D. Waterman SBA	-4	150	-4	0	AG	1080	4.4	.0	10.0
E. Waterman SBD	-4	0	-4	-150	AG	1080	2.9	.0	10.0
F. Waterman SBL	-2	150	0	0	AG	0	2.7	.0	10.0
G. Driveway EBA	-150	0	0	0	AG	0	3.1	.0	10.0
H. Driveway EBD	0	0	150	0	AG	0	3.1	.0	10.0
I. Driveway EBL	-150	-2	0	0	AG	0	3.1	.0	10.0
J. Driveway WBA	150	2	0	2	AG	3	5.2	.0	10.0
K. Driveway WBD	0	2	-150	2	AG	0	3.1	.0	10.0
L. Driveway WBL	150	2	0	0	AG	0	3.1	.0	10.0
M. Waterma NBAX	4	-750	4	-150	AG	903	2.7	.0	10.0
N. Waterma NBDX	4	150	4	750	AG	906	2.7	.0	10.0
O. Waterma SBAX	-4	750	-4	150	AG	1080	2.7	.0	10.0
P. Waterma SBDX	-4	-150	-4	-750	AG	1080	2.7	.0	10.0
Q. Drivewa EBAX	-750	0	-150	0	AG	0	3.1	.0	10.0
R. Drivewa EBDX	150	0	750	0	AG	0	3.1	.0	10.0
S. Drivewa WBAX	750	2	150	2	AG	3	3.1	.0	10.0
T. Drivewa WBDX	-150	2	-750	2	AG	0	3.1	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	10	-7	1.8
2. NW	-10	8	1.8
3. SW	-10	-7	1.8
4. NE	10	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	10	-150	1.8
10. NW mdblk	-10	150	1.8
11. SW mdblk	-10	-150	1.8
12. NE mdblk	10	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	10	-600	1.8
18. NW blk	-10	600	1.8
19. SW blk	-10	-600	1.8
20. NE blk	10	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.9	.6	.0	.0	.0	.2	.0	.0	.0
2. NW	8.	1.0	.0	.2	.0	.7	.0	.0	.0	.0
3. SW	7.	1.0	.0	.2	.0	.6	.0	.0	.0	.0
4. NE	187.	.9	.5	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	337.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	157.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	23.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	203.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	1.0	.5	.0	.0	.0	.2	.0	.0	.0
10. NW mdblk	173.	1.0	.0	.2	.0	.7	.0	.0	.0	.0
11. SW mdblk	7.	.9	.2	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	187.	.8	.0	.4	.0	.3	.0	.0	.0	.0
13. ES blk	273.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	87.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	268.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.8	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.8	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	7	-150	7	0	AG	888	4.3	.0	10.0
B. Waterman NBD	7	0	7	150	AG	904	2.8	.0	10.0
C. Waterman NBL	5	-150	0	0	AG	14	5.5	.0	10.0
D. Waterman SBA	-7	150	-7	0	AG	1058	4.4	.0	10.0
E. Waterman SBD	-7	0	-7	-150	AG	1080	2.9	.0	10.0
F. Waterman SBL	-5	150	0	0	AG	22	5.5	.0	10.0
G. Drake St EBA	-150	-2	0	-2	AG	28	5.1	.0	10.0
H. Drake St EBD	0	-2	150	-2	AG	28	3.3	.0	10.0
I. Drake St EBL	-150	-2	0	0	AG	17	5.6	.0	10.0
J. Drake St WBA	150	2	0	2	AG	5	5.1	.0	10.0
K. Drake St WBD	0	2	-150	2	AG	30	3.3	.0	10.0
L. Drake St WBL	150	2	0	0	AG	10	5.6	.0	10.0
M. Waterma NBAX	7	-750	7	-150	AG	902	2.7	.0	10.0
N. Waterma NBDX	7	150	7	750	AG	904	2.7	.0	10.0
O. Waterma SBAX	-7	750	-7	150	AG	1080	2.7	.0	10.0
P. Waterma SBDX	-7	-150	-7	-750	AG	1080	2.7	.0	10.0
Q. Drake S EBAX	-750	-2	-150	-2	AG	45	2.8	.0	10.0
R. Drake S EBDX	150	-2	750	-2	AG	28	2.8	.0	10.0
S. Drake S WBAX	750	2	150	2	AG	15	2.8	.0	10.0
T. Drake S WBDX	-150	2	-750	2	AG	30	2.8	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-8	1.8
2. NW	-14	8	1.8
3. SW	-14	-8	1.8
4. NE	14	8	1.8
5. ES mdblk	150	-8	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-8	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-8	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-8	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	14	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.8	.5	.0	.0	.0	.1	.0	.0	.0
2. NW	8.	.9	.0	.0	.0	.7	.0	.0	.0	.0
3. SW	8.	.9	.0	.0	.0	.6	.0	.0	.0	.0
4. NE	188.	.8	.5	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	274.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	96.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	266.	.2	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.9	.6	.0	.0	.1	.1	.0	.0	.0
10. NW mdblk	172.	1.0	.0	.0	.0	.7	.0	.0	.0	.0
11. SW mdblk	7.	.8	.1	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	188.	.7	.0	.4	.0	.2	.0	.0	.0	.0
13. ES blk	273.	.1	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	94.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	86.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	267.	.1	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.5	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Driveway NBA	0	-150	0	0	AG	4	5.2	.0	10.0
B. Driveway NBD	0	0	0	150	AG	0	3.1	.0	10.0
C. Driveway NBL	2	-150	0	0	AG	0	3.1	.0	10.0
D. Driveway SBA	0	150	0	0	AG	0	3.1	.0	10.0
E. Driveway SBD	0	0	0	-150	AG	5	3.5	.0	10.0
F. Driveway SBL	-2	150	0	0	AG	0	3.1	.0	10.0
G. Mill Str EBA	-150	-4	0	-4	AG	432	4.0	.0	10.0
H. Mill Str EBD	0	-4	150	-4	AG	433	2.8	.0	10.0
I. Mill Str EBL	-150	-2	0	0	AG	0	2.7	.0	10.0
J. Mill Str WBA	150	7	0	7	AG	564	4.0	.0	10.0
K. Mill Str WBD	0	7	-150	7	AG	564	2.8	.0	10.0
L. Mill Str WBL	150	5	0	0	AG	2	5.5	.0	10.0
M. Drivewa NBAX	0	-750	0	-150	AG	4	3.1	.0	10.0
N. Drivewa NBDX	0	150	0	750	AG	0	3.1	.0	10.0
O. Drivewa SBAX	0	750	0	150	AG	0	3.1	.0	10.0
P. Drivewa SBDX	0	-150	0	-750	AG	5	3.1	.0	10.0
Q. Mill St EBAX	-750	-4	-150	-4	AG	432	2.7	.0	10.0
R. Mill St EBDX	150	-4	750	-4	AG	433	2.7	.0	10.0
S. Mill St WBAX	750	7	150	7	AG	566	2.7	.0	10.0
T. Mill St WBDX	-150	7	-750	7	AG	564	2.7	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-10	1.8
2. NW	-7	14	1.8
3. SW	-7	-10	1.8
4. NE	7	14	1.8
5. ES mdblk	150	-10	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-10	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-7	150	1.8
11. SW mdblk	-7	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-10	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-10	1.8
16. EN blk	600	14	1.8
17. SE blk	7	-600	1.8
18. NW blk	-7	600	1.8
19. SW blk	-7	-600	1.8
20. NE blk	7	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	277.	.4	.0	.0	.0	.0	.0	.0	.3	.0
2. NW	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	277.	.4	.0	.0	.0	.0	.0	.0	.3	.0
4. NE	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.4	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.5	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	293.	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	111.	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	67.	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	249.	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	357.	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	178.	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	4.	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	179.	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: ExistwP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

COTT BEVERAGE FACILITY

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

OPENING YEAR (2013) WITHOUT PROJECT SCENARIO

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	9	-150	9	0	AG	791	3.5	.0	13.5
B. Waterman NBD	9	0	9	150	AG	922	2.5	.0	11.8
C. Waterman NBL	5	-150	0	0	AG	105	4.8	.0	10.0
D. Waterman SBA	-9	150	-9	0	AG	896	3.5	.0	13.5
E. Waterman SBD	-9	0	-9	-150	AG	1034	2.5	.0	11.8
F. Waterman SBL	-5	150	0	0	AG	99	4.8	.0	10.0
G. Mill Str EBA	-150	-9	0	-9	AG	420	4.6	.0	13.5
H. Mill Str EBD	0	-9	150	-9	AG	470	2.8	.0	10.0
I. Mill Str EBL	-150	-5	0	0	AG	133	4.8	.0	10.0
J. Mill Str WBA	150	7	0	7	AG	470	5.1	.0	10.0
K. Mill Str WBD	0	7	-150	7	AG	627	5.0	.0	10.0
L. Mill Str WBL	150	5	0	0	AG	139	4.8	.0	10.0
M. Waterma NBAX	9	-750	9	-150	AG	896	2.4	.0	13.5
N. Waterma NBDX	9	150	9	750	AG	922	2.4	.0	11.8
O. Waterma SBAX	-9	750	-9	150	AG	995	2.4	.0	13.5
P. Waterma SBDX	-9	-150	-9	-750	AG	1034	2.4	.0	11.8
Q. Mill St EBAX	-750	-9	-150	-9	AG	553	2.4	.0	13.5
R. Mill St EBDX	150	-9	750	-9	AG	470	2.4	.0	10.0
S. Mill St WBAX	750	7	150	7	AG	609	2.4	.0	10.0
T. Mill St WBDX	-150	7	-750	7	AG	627	2.4	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-15	1.8
2. NW	-17	14	1.8
3. SW	-16	-17	1.8
4. NE	16	14	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	16	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	17	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	16	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	278.	.8	.2	.0	.0	.0	.0	.0	.2	.0
2. NW	171.	.9	.0	.0	.0	.0	.3	.0	.0	.0
3. SW	8.	.9	.0	.0	.0	.3	.0	.0	.1	.0
4. NE	261.	1.0	.0	.2	.0	.1	.0	.0	.0	.0
5. ES mdblk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	98.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	81.	.7	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.8	.4	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.8	.0	.0	.0	.4	.0	.0	.0	.0
11. SW mdblk	7.	.7	.0	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	188.	.7	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
17. SE blk	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	5	-150	5	0	AG	918	3.6	.0	13.5
B. Waterman NBD	5	0	5	150	AG	918	2.5	.0	11.8
C. Waterman NBL	2	-150	0	0	AG	0	2.4	.0	10.0
D. Waterman SBA	-5	150	-5	0	AG	1094	3.6	.0	13.5
E. Waterman SBD	-5	0	-5	-150	AG	1094	2.5	.0	13.5
F. Waterman SBL	-2	150	0	0	AG	0	2.4	.0	10.0
G. Driveway EBA	-150	0	0	0	AG	0	2.7	.0	10.0
H. Driveway EBD	0	0	150	0	AG	0	2.7	.0	10.0
I. Driveway EBL	-150	-2	0	0	AG	0	2.7	.0	10.0
J. Driveway WBA	150	2	0	2	AG	0	2.7	.0	10.0
K. Driveway WBD	0	2	-150	2	AG	0	2.7	.0	10.0
L. Driveway WBL	150	2	0	0	AG	0	2.7	.0	10.0
M. Waterma NBAX	5	-750	5	-150	AG	918	2.4	.0	13.5
N. Waterma NBDX	5	150	5	750	AG	918	2.4	.0	11.8
O. Waterma SBAX	-5	750	-5	150	AG	1094	2.4	.0	13.5
P. Waterma SBDX	-5	-150	-5	-750	AG	1094	2.4	.0	13.5
Q. Drivewa EBAX	-750	0	-150	0	AG	0	2.7	.0	10.0
R. Drivewa EBDX	150	0	750	0	AG	0	2.7	.0	10.0
S. Drivewa WBAX	750	2	150	2	AG	0	2.7	.0	10.0
T. Drivewa WBDX	-150	2	-750	2	AG	0	2.7	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	8	1.8
3. SW	-14	-7	1.8
4. NE	13	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	13	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	13	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.7	.4	.0	.0	.0	.1	.0	.0	.0
2. NW	8.	.8	.0	.0	.0	.5	.0	.0	.0	.0
3. SW	7.	.7	.0	.0	.0	.5	.0	.0	.0	.0
4. NE	187.	.7	.4	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	338.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	158.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	22.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	202.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.8	.4	.0	.0	.0	.1	.0	.0	.0
10. NW mdblk	173.	.8	.0	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	7.	.7	.1	.0	.0	.0	.3	.0	.0	.0
12. NE mdblk	187.	.7	.0	.3	.0	.2	.0	.0	.0	.0
13. ES blk	273.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	87.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	272.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	4	-150	4	0	AG	918	3.7	.0	10.0
B. Waterman NBD	4	0	4	150	AG	918	2.5	.0	10.0
C. Waterman NBL	2	-150	0	0	AG	0	2.4	.0	10.0
D. Waterman SBA	-4	150	-4	0	AG	1094	3.9	.0	10.0
E. Waterman SBD	-4	0	-4	-150	AG	1094	2.5	.0	10.0
F. Waterman SBL	-2	150	0	0	AG	0	2.4	.0	10.0
G. Driveway EBA	-150	0	0	0	AG	0	2.7	.0	10.0
H. Driveway EBD	0	0	150	0	AG	0	2.7	.0	10.0
I. Driveway EBL	-150	-2	0	0	AG	0	2.7	.0	10.0
J. Driveway WBA	150	2	0	2	AG	0	2.7	.0	10.0
K. Driveway WBD	0	2	-150	2	AG	0	2.7	.0	10.0
L. Driveway WBL	150	2	0	0	AG	0	2.7	.0	10.0
M. Waterma NBAX	4	-750	4	-150	AG	918	2.4	.0	10.0
N. Waterma NBDX	4	150	4	750	AG	918	2.4	.0	10.0
O. Waterma SBAX	-4	750	-4	150	AG	1094	2.4	.0	10.0
P. Waterma SBDX	-4	-150	-4	-750	AG	1094	2.4	.0	10.0
Q. Drivewa EBAX	-750	0	-150	0	AG	0	2.7	.0	10.0
R. Drivewa EBDX	150	0	750	0	AG	0	2.7	.0	10.0
S. Drivewa WBAX	750	2	150	2	AG	0	2.7	.0	10.0
T. Drivewa WBDX	-150	2	-750	2	AG	0	2.7	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	10	-7	1.8
2. NW	-10	8	1.8
3. SW	-10	-7	1.8
4. NE	10	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	10	-150	1.8
10. NW mdblk	-10	150	1.8
11. SW mdblk	-10	-150	1.8
12. NE mdblk	10	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	10	-600	1.8
18. NW blk	-10	600	1.8
19. SW blk	-10	-600	1.8
20. NE blk	10	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.8	.5	.0	.0	.0	.2	.0	.0	.0
2. NW	8.	.9	.0	.1	.0	.6	.0	.0	.0	.0
3. SW	7.	.9	.0	.1	.0	.6	.0	.0	.0	.0
4. NE	187.	.8	.4	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	337.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	157.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	23.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	203.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.8	.5	.0	.0	.0	.2	.0	.0	.0
10. NW mdblk	173.	.9	.0	.1	.0	.6	.0	.0	.0	.0
11. SW mdblk	7.	.8	.2	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	187.	.8	.0	.3	.0	.2	.0	.0	.0	.0
13. ES blk	275.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	86.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	85.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	274.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	7	-150	7	0	AG	901	3.7	.0	10.0
B. Waterman NBD	7	0	7	150	AG	918	2.5	.0	10.0
C. Waterman NBL	5	-150	0	0	AG	14	4.8	.0	10.0
D. Waterman SBA	-7	150	-7	0	AG	1081	3.9	.0	10.0
E. Waterman SBD	-7	0	-7	-150	AG	1094	2.5	.0	10.0
F. Waterman SBL	-5	150	0	0	AG	13	4.8	.0	10.0
G. Drake St EBA	-150	-2	0	-2	AG	29	4.4	.0	10.0
H. Drake St EBD	0	-2	150	-2	AG	13	2.9	.0	10.0
I. Drake St EBL	-150	-2	0	0	AG	17	4.8	.0	10.0
J. Drake St WBA	150	2	0	2	AG	0	2.5	.0	10.0
K. Drake St WBD	0	2	-150	2	AG	30	2.9	.0	10.0
L. Drake St WBL	150	2	0	0	AG	0	2.5	.0	10.0
M. Waterma NBAX	7	-750	7	-150	AG	915	2.4	.0	10.0
N. Waterma NBDX	7	150	7	750	AG	918	2.4	.0	10.0
O. Waterma SBAX	-7	750	-7	150	AG	1094	2.4	.0	10.0
P. Waterma SBDX	-7	-150	-7	-750	AG	1094	2.4	.0	10.0
Q. Drake S EBAX	-750	-2	-150	-2	AG	46	2.5	.0	10.0
R. Drake S EBDX	150	-2	750	-2	AG	13	2.5	.0	10.0
S. Drake S WBAX	750	2	150	2	AG	0	2.5	.0	10.0
T. Drake S WBDX	-150	2	-750	2	AG	30	2.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-8	1.8
2. NW	-14	8	1.8
3. SW	-14	-8	1.8
4. NE	14	8	1.8
5. ES mdblk	150	-8	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-8	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-8	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-8	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	14	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.7	.5	.0	.0	.0	.0	.0	.0	.0
2. NW	8.	.8	.0	.0	.0	.6	.0	.0	.0	.0
3. SW	8.	.8	.0	.0	.0	.6	.0	.0	.0	.0
4. NE	188.	.7	.4	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	273.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	98.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	81.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	268.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.8	.5	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.9	.0	.0	.0	.6	.0	.0	.0	.0
11. SW mdblk	7.	.7	.1	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	188.	.7	.0	.3	.0	.1	.0	.0	.0	.0
13. ES blk	273.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	94.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	85.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	268.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Driveway NBA	0	-150	0	0	AG	0	2.7	.0	10.0
B. Driveway NBD	0	0	0	150	AG	0	2.7	.0	10.0
C. Driveway NBL	2	-150	0	0	AG	0	2.7	.0	10.0
D. Driveway SBA	0	150	0	0	AG	0	2.7	.0	10.0
E. Driveway SBD	0	0	0	-150	AG	0	2.7	.0	10.0
F. Driveway SBL	-2	150	0	0	AG	0	2.7	.0	10.0
G. Mill Str EBA	-150	-4	0	-4	AG	468	3.5	.0	10.0
H. Mill Str EBD	0	-4	150	-4	AG	468	2.4	.0	10.0
I. Mill Str EBL	-150	-2	0	0	AG	0	2.4	.0	10.0
J. Mill Str WBA	150	7	0	7	AG	608	3.6	.0	10.0
K. Mill Str WBD	0	7	-150	7	AG	608	2.5	.0	10.0
L. Mill Str WBL	150	5	0	0	AG	0	2.4	.0	10.0
M. Drivewa NBAX	0	-750	0	-150	AG	0	2.7	.0	10.0
N. Drivewa NBDX	0	150	0	750	AG	0	2.7	.0	10.0
O. Drivewa SBAX	0	750	0	150	AG	0	2.7	.0	10.0
P. Drivewa SBDX	0	-150	0	-750	AG	0	2.7	.0	10.0
Q. Mill St EBAX	-750	-4	-150	-4	AG	468	2.4	.0	10.0
R. Mill St EBDX	150	-4	750	-4	AG	468	2.4	.0	10.0
S. Mill St WBAX	750	7	150	7	AG	608	2.4	.0	10.0
T. Mill St WBDX	-150	7	-750	7	AG	608	2.4	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-10	1.8
2. NW	-7	14	1.8
3. SW	-7	-10	1.8
4. NE	7	14	1.8
5. ES mdblk	150	-10	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-10	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-7	150	1.8
11. SW mdblk	-7	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-10	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-10	1.8
16. EN blk	600	14	1.8
17. SE blk	7	-600	1.8
18. NW blk	-7	600	1.8
19. SW blk	-7	-600	1.8
20. NE blk	7	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	277.	.4	.0	.0	.0	.0	.0	.0	.2	.0
2. NW	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	277.	.4	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.4	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.4	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	293.	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	111.	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	67.	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	249.	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	2.	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	175.	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	5.	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	176.	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: 2013nP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

COTT BEVERAGE FACILITY

AIR QUALITY CO HOT SPOT ANALYSIS

CALINE4 MODEL PRINTOUTS

OPENING YEAR (2013) WITH PROJECT SCENARIO

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 366. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	9	-150	9	0	AG	795	3.5	.0	13.5
B. Waterman NBD	9	0	9	150	AG	926	2.5	.0	11.8
C. Waterman NBL	5	-150	0	0	AG	122	4.8	.0	10.0
D. Waterman SBA	-9	150	-9	0	AG	897	3.5	.0	13.5
E. Waterman SBD	-9	0	-9	-150	AG	1043	2.5	.0	11.8
F. Waterman SBL	-5	150	0	0	AG	100	4.8	.0	10.0
G. Mill Str EBA	-150	-9	0	-9	AG	431	4.6	.0	13.5
H. Mill Str EBD	0	-9	150	-9	AG	474	2.8	.0	10.0
I. Mill Str EBL	-150	-5	0	0	AG	133	4.8	.0	10.0
J. Mill Str WBA	150	7	0	7	AG	470	5.1	.0	10.0
K. Mill Str WBD	0	7	-150	7	AG	644	5.0	.0	10.0
L. Mill Str WBL	150	5	0	0	AG	139	4.8	.0	10.0
M. Waterma NBAX	9	-750	9	-150	AG	917	2.4	.0	13.5
N. Waterma NBDX	9	150	9	750	AG	926	2.4	.0	11.8
O. Waterma SBAX	-9	750	-9	150	AG	997	2.4	.0	13.5
P. Waterma SBDX	-9	-150	-9	-750	AG	1043	2.4	.0	11.8
Q. Mill St EBAX	-750	-9	-150	-9	AG	564	2.4	.0	13.5
R. Mill St EBDX	150	-9	750	-9	AG	474	2.4	.0	10.0
S. Mill St WBAX	750	7	150	7	AG	609	2.4	.0	10.0
T. Mill St WBDX	-150	7	-750	7	AG	644	2.4	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	17	-15	1.8
2. NW	-17	14	1.8
3. SW	-16	-17	1.8
4. NE	16	14	1.8
5. ES mdblk	150	-15	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-17	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	17	-150	1.8
10. NW mdblk	-17	150	1.8
11. SW mdblk	-16	-150	1.8
12. NE mdblk	16	150	1.8
13. ES blk	600	-15	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-17	1.8
16. EN blk	600	14	1.8
17. SE blk	17	-600	1.8
18. NW blk	-17	600	1.8
19. SW blk	-16	-600	1.8
20. NE blk	16	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	278.	.8	.2	.0	.0	.0	.0	.0	.2	.0
2. NW	170.	.9	.1	.0	.0	.0	.3	.0	.0	.0
3. SW	8.	.9	.0	.0	.0	.3	.0	.0	.1	.0
4. NE	261.	1.0	.0	.2	.0	.1	.0	.0	.0	.0
5. ES mdblk	277.	.6	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	98.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	81.	.7	.0	.0	.0	.0	.0	.0	.3	.0
8. EN mdblk	263.	.8	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.8	.4	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.8	.0	.0	.0	.4	.0	.0	.0	.0
11. SW mdblk	7.	.7	.0	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	188.	.7	.0	.3	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-01 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
17. SE blk	.0	.0	.0	.0	.3	.0	.0	.1	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	5	-150	5	0	AG	925	3.6	.0	13.5
B. Waterman NBD	5	0	5	150	AG	938	2.5	.0	11.8
C. Waterman NBL	2	-150	0	0	AG	0	2.4	.0	10.0
D. Waterman SBA	-5	150	-5	0	AG	1103	3.6	.0	13.5
E. Waterman SBD	-5	0	-5	-150	AG	1103	2.5	.0	13.5
F. Waterman SBL	-2	150	0	0	AG	0	2.4	.0	10.0
G. Driveway EBA	-150	0	0	0	AG	0	2.7	.0	10.0
H. Driveway EBD	0	0	150	0	AG	0	2.7	.0	10.0
I. Driveway EBL	-150	-2	0	0	AG	0	2.7	.0	10.0
J. Driveway WBA	150	2	0	2	AG	13	4.5	.0	10.0
K. Driveway WBD	0	2	-150	2	AG	0	2.7	.0	10.0
L. Driveway WBL	150	2	0	0	AG	0	2.7	.0	10.0
M. Waterma NBAX	5	-750	5	-150	AG	925	2.4	.0	13.5
N. Waterma NBDX	5	150	5	750	AG	938	2.4	.0	11.8
O. Waterma SBAX	-5	750	-5	150	AG	1103	2.4	.0	13.5
P. Waterma SBDX	-5	-150	-5	-750	AG	1103	2.4	.0	13.5
Q. Drivewa EBAX	-750	0	-150	0	AG	0	2.7	.0	10.0
R. Drivewa EBDX	150	0	750	0	AG	0	2.7	.0	10.0
S. Drivewa WBAX	750	2	150	2	AG	13	2.7	.0	10.0
T. Drivewa WBDX	-150	2	-750	2	AG	0	2.7	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-7	1.8
2. NW	-14	8	1.8
3. SW	-14	-7	1.8
4. NE	13	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	13	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	13	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.7	.4	.0	.0	.0	.1	.0	.0	.0
2. NW	8.	.8	.0	.0	.0	.5	.0	.0	.0	.0
3. SW	7.	.7	.0	.0	.0	.5	.0	.0	.0	.0
4. NE	187.	.7	.4	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	338.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	158.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	22.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	202.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.8	.4	.0	.0	.0	.1	.0	.0	.0
10. NW mdblk	173.	.8	.0	.0	.0	.5	.0	.0	.0	.0
11. SW mdblk	7.	.7	.1	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	187.	.7	.0	.3	.0	.2	.0	.0	.0	.0
13. ES blk	274.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	89.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	88.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	267.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-02 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.3	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	4	-150	4	0	AG	923	3.7	.0	10.0
B. Waterman NBD	4	0	4	150	AG	926	2.5	.0	10.0
C. Waterman NBL	2	-150	0	0	AG	0	2.4	.0	10.0
D. Waterman SBA	-4	150	-4	0	AG	1103	3.9	.0	10.0
E. Waterman SBD	-4	0	-4	-150	AG	1103	2.5	.0	10.0
F. Waterman SBL	-2	150	0	0	AG	0	2.4	.0	10.0
G. Driveway EBA	-150	0	0	0	AG	0	2.7	.0	10.0
H. Driveway EBD	0	0	150	0	AG	0	2.7	.0	10.0
I. Driveway EBL	-150	-2	0	0	AG	0	2.7	.0	10.0
J. Driveway WBA	150	2	0	2	AG	3	4.5	.0	10.0
K. Driveway WBD	0	2	-150	2	AG	0	2.7	.0	10.0
L. Driveway WBL	150	2	0	0	AG	0	2.7	.0	10.0
M. Waterma NBAX	4	-750	4	-150	AG	923	2.4	.0	10.0
N. Waterma NBDX	4	150	4	750	AG	926	2.4	.0	10.0
O. Waterma SBAX	-4	750	-4	150	AG	1103	2.4	.0	10.0
P. Waterma SBDX	-4	-150	-4	-750	AG	1103	2.4	.0	10.0
Q. Drivewa EBAX	-750	0	-150	0	AG	0	2.7	.0	10.0
R. Drivewa EBDX	150	0	750	0	AG	0	2.7	.0	10.0
S. Drivewa WBAX	750	2	150	2	AG	3	2.7	.0	10.0
T. Drivewa WBDX	-150	2	-750	2	AG	0	2.7	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	10	-7	1.8
2. NW	-10	8	1.8
3. SW	-10	-7	1.8
4. NE	10	8	1.8
5. ES mdblk	150	-7	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-7	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	10	-150	1.8
10. NW mdblk	-10	150	1.8
11. SW mdblk	-10	-150	1.8
12. NE mdblk	10	150	1.8
13. ES blk	600	-7	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-7	1.8
16. EN blk	600	8	1.8
17. SE blk	10	-600	1.8
18. NW blk	-10	600	1.8
19. SW blk	-10	-600	1.8
20. NE blk	10	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.8	.5	.0	.0	.0	.2	.0	.0	.0
2. NW	8.	.9	.0	.1	.0	.6	.0	.0	.0	.0
3. SW	7.	.9	.0	.1	.0	.6	.0	.0	.0	.0
4. NE	187.	.8	.5	.0	.0	.0	.2	.0	.0	.0
5. ES mdblk	337.	.1	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	157.	.1	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	23.	.1	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	203.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	353.	.8	.5	.0	.0	.0	.2	.0	.0	.0
10. NW mdblk	173.	.9	.0	.1	.0	.6	.0	.0	.0	.0
11. SW mdblk	7.	.8	.2	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	187.	.8	.0	.3	.0	.3	.0	.0	.0	.0
13. ES blk	275.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	87.	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	85.	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	270.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	354.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	174.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	6.	.7	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	186.	.7	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-03 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.2	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U=	.5 M/S	Z0=	100. CM	ALT=	366. (M)
BRG=	WORST CASE	VD=	.0 CM/S		
CLAS=	7 (G)	VS=	.0 CM/S		
MIXH=	1000. M	AMB=	.0 PPM		
SIGTH=	10. DEGREES	TEMP=	10.0 DEGREE (C)		

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Waterman NBA	7	-150	7	0	AG	908	3.7	.0	10.0
B. Waterman NBD	7	0	7	150	AG	924	2.5	.0	10.0
C. Waterman NBL	5	-150	0	0	AG	14	4.8	.0	10.0
D. Waterman SBA	-7	150	-7	0	AG	1081	3.9	.0	10.0
E. Waterman SBD	-7	0	-7	-150	AG	1104	2.5	.0	10.0
F. Waterman SBL	-5	150	0	0	AG	22	4.8	.0	10.0
G. Drake St EBA	-150	-2	0	-2	AG	29	4.4	.0	10.0
H. Drake St EBD	0	-2	150	-2	AG	28	2.9	.0	10.0
I. Drake St EBL	-150	-2	0	0	AG	17	4.8	.0	10.0
J. Drake St WBA	150	2	0	2	AG	5	4.4	.0	10.0
K. Drake St WBD	0	2	-150	2	AG	30	2.9	.0	10.0
L. Drake St WBL	150	2	0	0	AG	10	4.8	.0	10.0
M. Waterma NBAX	7	-750	7	-150	AG	922	2.4	.0	10.0
N. Waterma NBDX	7	150	7	750	AG	924	2.4	.0	10.0
O. Waterma SBAX	-7	750	-7	150	AG	1103	2.4	.0	10.0
P. Waterma SBDX	-7	-150	-7	-750	AG	1104	2.4	.0	10.0
Q. Drake S EBAX	-750	-2	-150	-2	AG	46	2.5	.0	10.0
R. Drake S EBDX	150	-2	750	-2	AG	28	2.5	.0	10.0
S. Drake S WBAX	750	2	150	2	AG	15	2.5	.0	10.0
T. Drake S WBDX	-150	2	-750	2	AG	30	2.5	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	14	-8	1.8
2. NW	-14	8	1.8
3. SW	-14	-8	1.8
4. NE	14	8	1.8
5. ES mdblk	150	-8	1.8
6. WN mdblk	-150	8	1.8
7. WS mdblk	-150	-8	1.8
8. EN mdblk	150	8	1.8
9. SE mdblk	14	-150	1.8
10. NW mdblk	-14	150	1.8
11. SW mdblk	-14	-150	1.8
12. NE mdblk	14	150	1.8
13. ES blk	600	-8	1.8
14. WN blk	-600	8	1.8
15. WS blk	-600	-8	1.8
16. EN blk	600	8	1.8
17. SE blk	14	-600	1.8
18. NW blk	-14	600	1.8
19. SW blk	-14	-600	1.8
20. NE blk	14	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	188.	.7	.5	.0	.0	.0	.0	.0	.0	.0
2. NW	8.	.8	.0	.0	.0	.6	.0	.0	.0	.0
3. SW	8.	.8	.0	.0	.0	.6	.0	.0	.0	.0
4. NE	188.	.7	.4	.0	.0	.0	.1	.0	.0	.0
5. ES mdblk	274.	.2	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	95.	.2	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	84.	.2	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	267.	.1	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	352.	.8	.5	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	172.	.9	.0	.0	.0	.6	.0	.0	.0	.0
11. SW mdblk	7.	.7	.1	.0	.0	.0	.4	.0	.0	.0
12. NE mdblk	188.	.7	.0	.3	.0	.1	.0	.0	.0	.0
13. ES blk	273.	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	93.	.1	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	86.	.1	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	267.	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	353.	.6	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	173.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	7.	.6	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	187.	.6	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-04 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0
2. NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	.0	.0	.0	.0	.4	.0	.0	.2	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.1	.0	.0	.4	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= .5 M/S Z0= 100. CM ALT= 366. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 10.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	LINK COORDINATES (M) X1	Y1	X2	Y2	TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Driveway NBA	0	-150	0	0	AG	4	4.5	.0	10.0
B. Driveway NBD	0	0	0	150	AG	0	2.7	.0	10.0
C. Driveway NBL	2	-150	0	0	AG	0	2.7	.0	10.0
D. Driveway SBA	0	150	0	0	AG	0	2.7	.0	10.0
E. Driveway SBD	0	0	0	-150	AG	5	3.1	.0	10.0
F. Driveway SBL	-2	150	0	0	AG	0	2.7	.0	10.0
G. Mill Str EBA	-150	-4	0	-4	AG	471	3.5	.0	10.0
H. Mill Str EBD	0	-4	150	-4	AG	472	2.4	.0	10.0
I. Mill Str EBL	-150	-2	0	0	AG	0	2.4	.0	10.0
J. Mill Str WBA	150	7	0	7	AG	608	3.6	.0	10.0
K. Mill Str WBD	0	7	-150	7	AG	608	2.5	.0	10.0
L. Mill Str WBL	150	5	0	0	AG	2	4.8	.0	10.0
M. Drivewa NBAX	0	-750	0	-150	AG	4	2.7	.0	10.0
N. Drivewa NBDX	0	150	0	750	AG	0	2.7	.0	10.0
O. Drivewa SBAX	0	750	0	150	AG	0	2.7	.0	10.0
P. Drivewa SBDX	0	-150	0	-750	AG	5	2.7	.0	10.0
Q. Mill St EBAX	-750	-4	-150	-4	AG	471	2.4	.0	10.0
R. Mill St EBDX	150	-4	750	-4	AG	472	2.4	.0	10.0
S. Mill St WBAX	750	7	150	7	AG	610	2.4	.0	10.0
T. Mill St WBDX	-150	7	-750	7	AG	608	2.4	.0	10.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	COORDINATES (M) X	Y	Z
1. SE	7	-10	1.8
2. NW	-7	14	1.8
3. SW	-7	-10	1.8
4. NE	7	14	1.8
5. ES mdblk	150	-10	1.8
6. WN mdblk	-150	14	1.8
7. WS mdblk	-150	-10	1.8
8. EN mdblk	150	14	1.8
9. SE mdblk	7	-150	1.8
10. NW mdblk	-7	150	1.8
11. SW mdblk	-7	-150	1.8
12. NE mdblk	7	150	1.8
13. ES blk	600	-10	1.8
14. WN blk	-600	14	1.8
15. WS blk	-600	-10	1.8
16. EN blk	600	14	1.8
17. SE blk	7	-600	1.8
18. NW blk	-7	600	1.8
19. SW blk	-7	-600	1.8
20. NE blk	7	600	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SE	277.	.4	.0	.0	.0	.0	.0	.0	.2	.0
2. NW	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	277.	.4	.0	.0	.0	.0	.0	.0	.2	.0
4. NE	97.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	277.	.4	.0	.0	.0	.0	.0	.0	.0	.2
6. WN mdblk	97.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	83.	.4	.0	.0	.0	.0	.0	.0	.2	.0
8. EN mdblk	263.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	293.	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	111.	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	67.	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	249.	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	276.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. WN blk	96.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. WS blk	84.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. EN blk	264.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. SE blk	357.	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	177.	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	4.	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	179.	.0	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Hillwood Cott Beverage Plant
RUN: 2013wP-05 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P	Q	R	S	T
1. SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2. NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3. SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4. NE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5. ES mdblk	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6. WN mdblk	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
7. WS mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8. EN mdblk	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9. SE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10. NW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11. SW mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12. NE mdblk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13. ES blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0
14. WN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
15. WS blk	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1
16. EN blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0
17. SE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18. NW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19. SW blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20. NE blk	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0