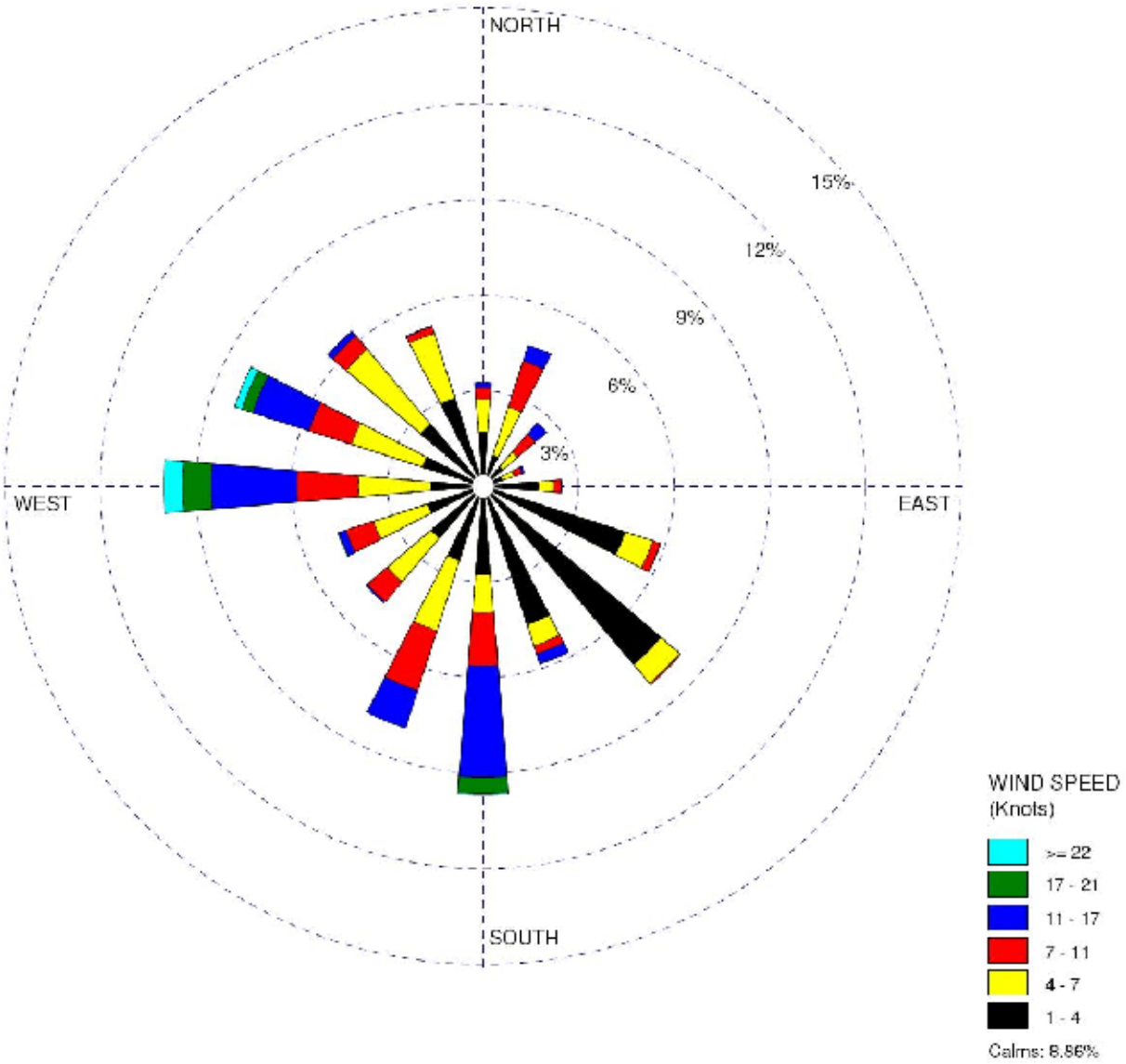
Appendix G.1

Quarterly Wind Roses and Frequency Distributions



Locus Map

Victorville Wind Rose (1st Quarter)
VV2 Hybrid Power Project

Figure not to scale

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Sheet 1 of 4
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Date: February 2007

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Station ID: 72381
Year: 2002 2003 2004
Date Range: Jan 1 - Mar 31
Time Range: 00:00 - 23:00

Run ID:

Frequency Distribution
(Count)

Wind Direction (Blowing From) / Wind Speed (Knots)

	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75-11.25	110	67	24	11	0	0	212
11.25-33.75	67	103	98	34	0	0	302
33.75-56.25	53	39	48	30	0	0	170
56.25-78.75	42	25	17	5	0	0	89
78.75-101.25	113	31	15	2	0	0	161
101.25-123.75	304	59	16	1	0	0	380
123.75-146.25	475	50	3	0	0	0	528
146.25-168.75	295	46	17	21	1	0	380
168.75-191.25	180	77	108	227	33	3	628
191.25-213.75	158	151	127	81	0	0	517
213.75-236.25	138	117	53	4	0	0	312
236.25-258.75	119	115	59	15	0	2	310
258.75-281.25	107	147	125	174	58	40	651
281.25-303.75	129	152	91	120	23	16	531
303.75-326.25	166	199	36	13	0	0	414
326.25-348.75	188	139	14	2	0	0	343
Total	2644	1517	851	740	115	61	6504

Frequency of Calm Winds: 576
Average Wind Speed: 5.57 Knots

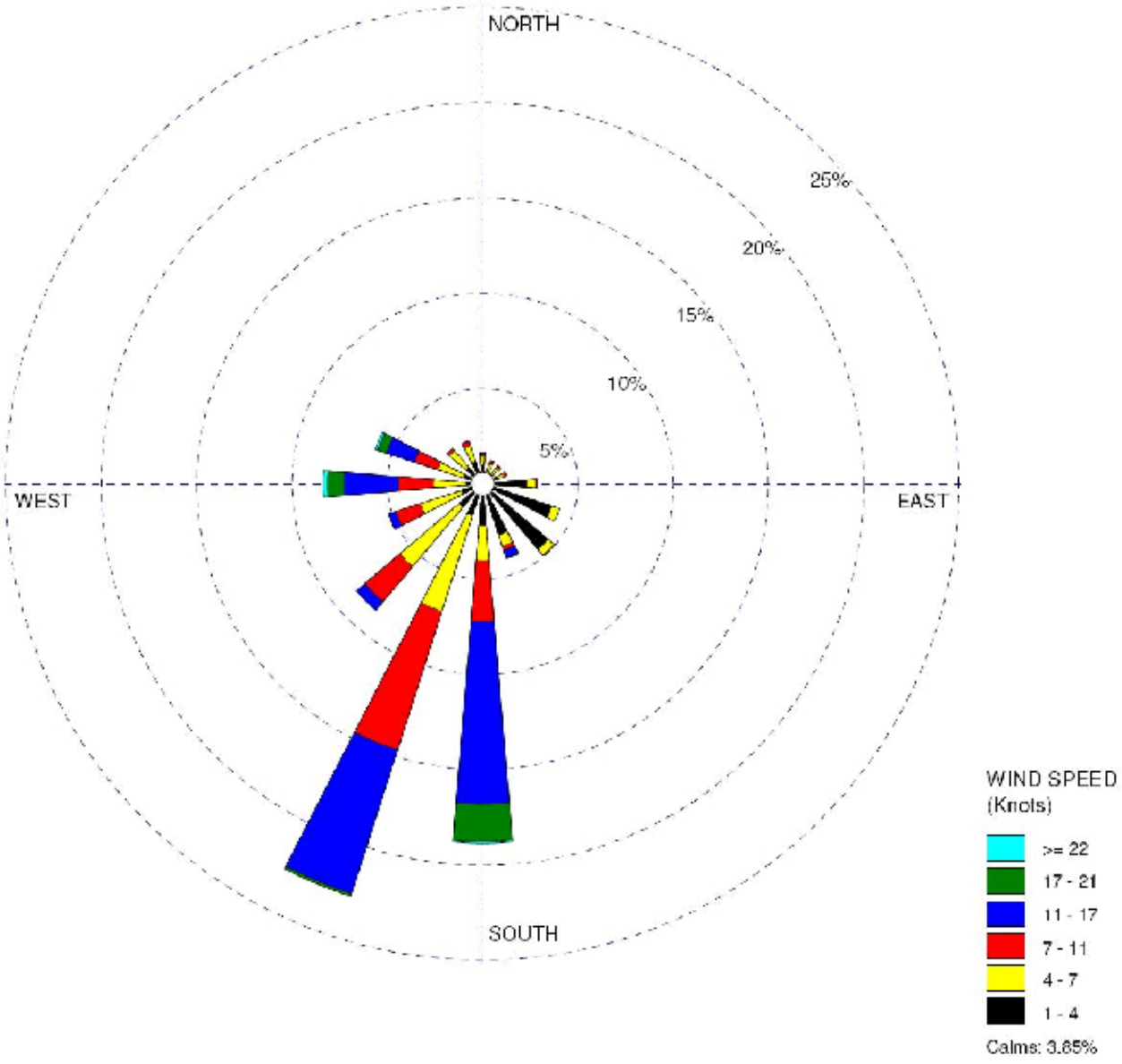
Station ID: 72381 Run ID:
Year: 2002 2003 2004
Date Range: Jan 1 - Mar 31
Time Range: 00:00 - 23:00

Frequency Distribution
(Normalized)

Wind Direction (Blowing From) / Wind Speed (Knots)

	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75-11.25	0.016913	0.010301	0.003690	0.001691	0.000000	0.000000	0.032595
11.25-33.75	0.010301	0.015836	0.015068	0.005228	0.000000	0.000000	0.046433
33.75-56.25	0.008149	0.005996	0.007380	0.004613	0.000000	0.000000	0.026138
56.25-78.75	0.006458	0.003844	0.002614	0.000769	0.000000	0.000000	0.013684
78.75-101.25	0.017374	0.004766	0.002306	0.000308	0.000000	0.000000	0.024754
101.25-123.75	0.046740	0.009071	0.002460	0.000154	0.000000	0.000000	0.058426
123.75-146.25	0.073032	0.007688	0.000461	0.000000	0.000000	0.000000	0.081181
146.25-168.75	0.045357	0.007073	0.002614	0.003229	0.000154	0.000000	0.058426
168.75-191.25	0.027675	0.011839	0.016605	0.034902	0.005074	0.000461	0.096556
191.25-213.75	0.024293	0.023216	0.019526	0.012454	0.000000	0.000000	0.079490
213.75-236.25	0.021218	0.017989	0.008149	0.000615	0.000000	0.000000	0.047970
236.25-258.75	0.018296	0.017681	0.009071	0.002306	0.000000	0.000308	0.047663
258.75-281.25	0.016451	0.022601	0.019219	0.026753	0.008918	0.006150	0.100092
281.25-303.75	0.019834	0.023370	0.013991	0.018450	0.003536	0.002460	0.081642
303.75-326.25	0.025523	0.030597	0.005535	0.001999	0.000000	0.000000	0.063653
326.25-348.75	0.028905	0.021371	0.002153	0.000308	0.000000	0.000000	0.052737
Total	0.406519	0.233241	0.130843	0.113776	0.017681	0.009379	0.911439

Frequency of Calm Winds: 8.86%
Average Wind Speed: 5.57 Knots



Locus Map

Victorville Wind Rose (2nd Quarter)
VV2 Hybrid Power Project

Figure not to scale

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Station ID: 72381
Year: 2002 2003 2004
Date Range: Apr 1 - Jun 30
Time Range: 00:00 - 23:00

Run ID:

Frequency Distribution
(Count)

Wind Direction (Blowing From) / Wind Speed (Knots)

	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75-11.25	63	32	6	6	1	0	**108**
11.25-33.75	37	36	10	3	0	0	**86**
33.75-56.25	43	32	7	1	0	0	**83**
56.25-78.75	56	21	11	0	0	0	**88**
78.75-101.25	151	31	5	2	0	0	**189**
101.25-123.75	249	29	1	0	0	0	**279**
123.75-146.25	294	27	4	0	0	0	**325**
146.25-168.75	184	41	14	27	3	1	**270**
168.75-191.25	143	120	209	625	129	6	**1232**
191.25-213.75	115	345	498	516	10	0	**1484**
213.75-236.25	106	266	157	39	0	0	**568**
236.25-258.75	77	147	88	26	1	0	**339**
258.75-281.25	56	112	121	185	59	15	**548**
281.25-303.75	68	94	82	102	31	9	**386**
303.75-326.25	74	75	9	1	0	0	**159**
326.25-348.75	80	57	16	3	0	0	**156**
Total	1796	1465	1238	1536	234	31	6552

Frequency of Calm Winds: 252
Average Wind Speed: 7.62 Knots

Station ID: 72381
Year: 2002 2003 2004
Date Range: Apr 1 - Jun 30
Time Range: 00:00 - 23:00

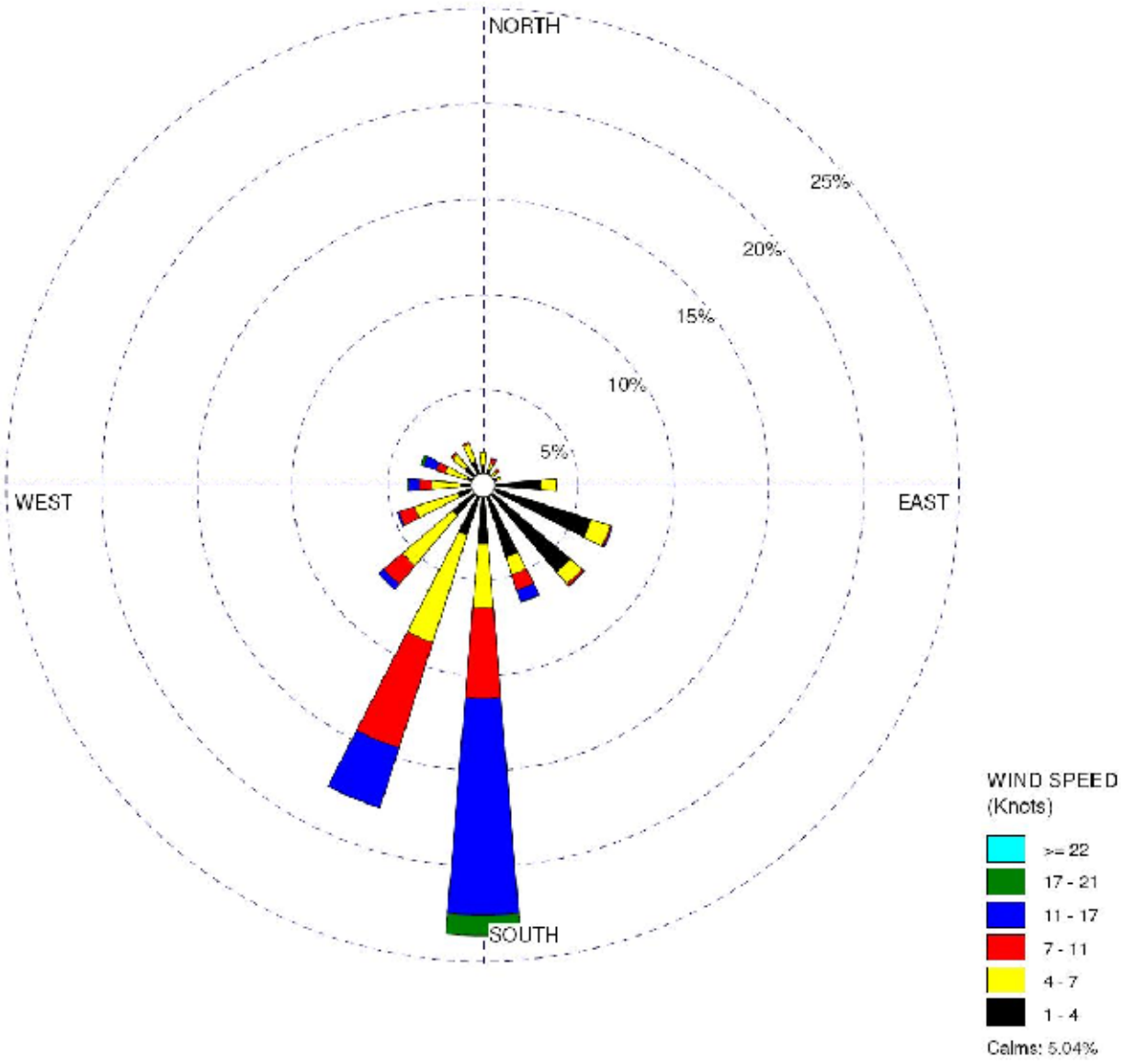
Run ID:

Frequency Distribution
(Normalized)

Wind Direction (Blowing From) / Wind Speed (Knots)

	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75-11.25	0.009615	0.004884	0.000916	0.000916	0.000153	0.000000	**0.016484**
11.25-33.75	0.005647	0.005495	0.001526	0.000458	0.000000	0.000000	**0.013126**
33.75-56.25	0.006563	0.004884	0.001068	0.000153	0.000000	0.000000	**0.012668**
56.25-78.75	0.008547	0.003205	0.001679	0.000000	0.000000	0.000000	**0.013431**
78.75-101.25	0.023046	0.004731	0.000763	0.000305	0.000000	0.000000	**0.028846**
101.25-123.75	0.038004	0.004426	0.000153	0.000000	0.000000	0.000000	**0.042582**
123.75-146.25	0.044872	0.004121	0.000611	0.000000	0.000000	0.000000	**0.049603**
146.25-168.75	0.028083	0.006258	0.002137	0.004121	0.000458	0.000153	**0.041209**
168.75-191.25	0.021825	0.018315	0.031899	0.095391	0.019689	0.000916	**0.188034**
191.25-213.75	0.017552	0.052656	0.076007	0.078755	0.001526	0.000000	**0.226496**
213.75-236.25	0.016178	0.040598	0.023962	0.005952	0.000000	0.000000	**0.086691**
236.25-258.75	0.011752	0.022436	0.013431	0.003968	0.000153	0.000000	**0.051740**
258.75-281.25	0.008547	0.017094	0.018468	0.028236	0.009005	0.002289	**0.083639**
281.25-303.75	0.010379	0.014347	0.012515	0.015568	0.004731	0.001374	**0.058913**
303.75-326.25	0.011294	0.011447	0.001374	0.000153	0.000000	0.000000	**0.024267**
326.25-348.75	0.012210	0.008700	0.002442	0.000458	0.000000	0.000000	**0.023810**
Total	0.274115	0.223596	0.188950	0.234432	0.035714	0.004731	0.961538

Frequency of Calm Winds: 3.85%
Average Wind Speed: 7.62 Knots



Locus Map

Victorville Wind Rose (3rd Quarter)
VV2 Hybrid Power Project

Figure not to scale

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Station ID: 72381
Year: 2002 2003 2004
Date Range: Jul 1 - Sep 30
Time Range: 00:00 - 23:00

Run ID:

Frequency Distribution
(Count)

Wind Direction (Blowing From) / Wind Speed (Knots)

	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75-11.25	70	42	2	0	0	0	**114**
11.25-33.75	55	24	16	3	0	0	**98**
33.75-56.25	40	26	8	0	0	0	**74**
56.25-78.75	50	15	0	0	0	0	**65**
78.75-101.25	199	56	2	0	0	0	**257**
101.25-123.75	393	70	5	4	0	0	**472**
123.75-146.25	395	55	8	3	0	0	**461**
146.25-168.75	263	63	57	43	3	0	**429**
168.75-191.25	205	220	315	750	72	0	**1562**
191.25-213.75	183	390	384	217	1	0	**1175**
213.75-236.25	139	227	85	24	0	0	**475**
236.25-258.75	90	159	56	8	0	0	**313**
258.75-281.25	75	103	43	37	5	0	**263**
281.25-303.75	59	78	32	46	12	0	**227**
303.75-326.25	83	56	8	1	0	0	**148**
326.25-348.75	88	61	7	1	0	0	**157**
Total	2387	1645	1028	1137	93	0	6624

Frequency of Calm Winds: 334
Average Wind Speed: 6.26 Knots

Station ID: 72381
Year: 2002 2003 2004
Date Range: Jul 1 - Sep 30
Time Range: 00:00 - 23:00

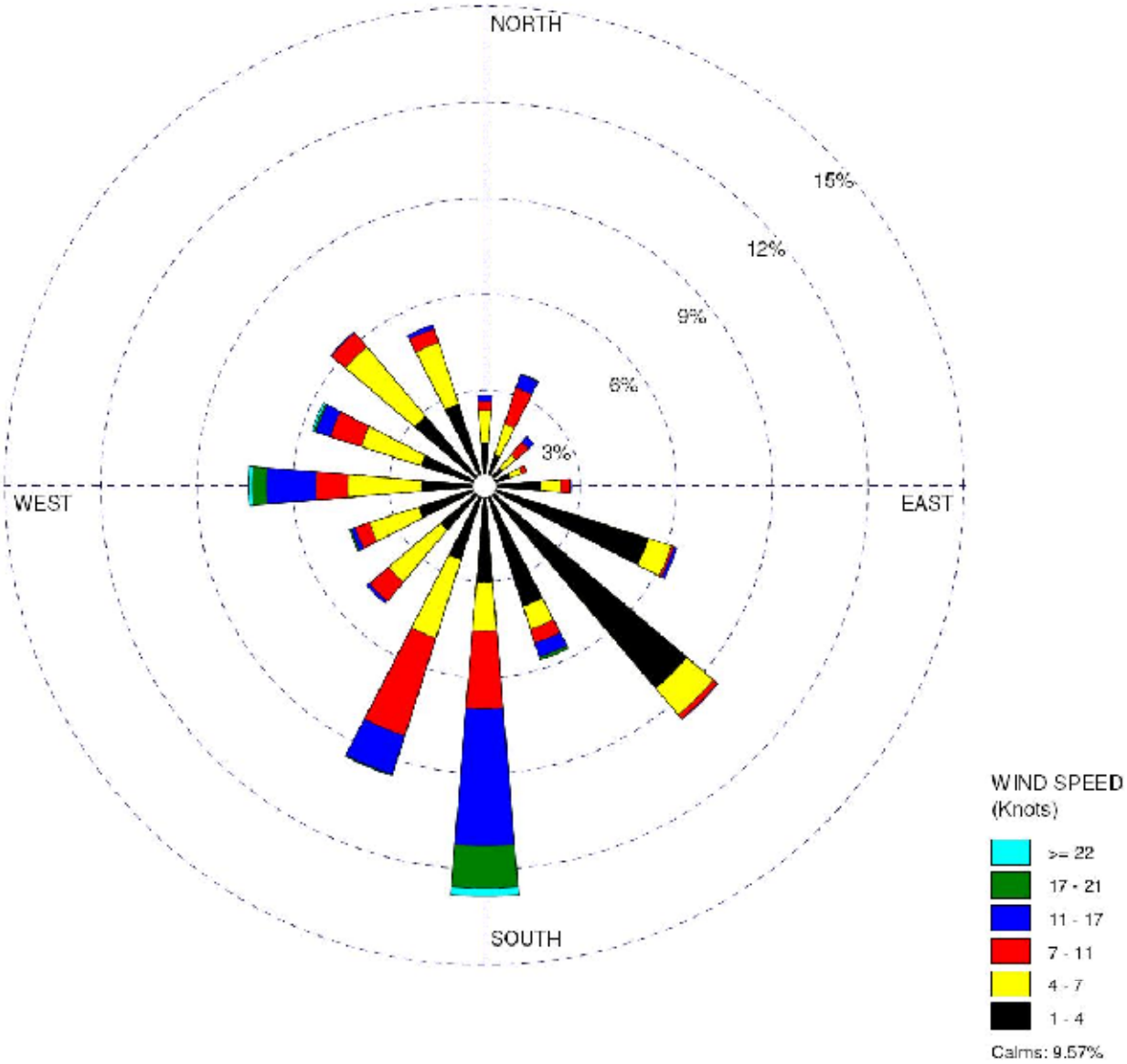
Run ID:

Frequency Distribution
(Normalized)

Wind Direction (Blowing From) / Wind Speed (Knots)

	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75-11.25	0.010568	0.006341	0.000302	0.000000	0.000000	0.000000	**0.017210**
11.25-33.75	0.008303	0.003623	0.002415	0.000453	0.000000	0.000000	**0.014795**
33.75-56.25	0.006039	0.003925	0.001208	0.000000	0.000000	0.000000	**0.011171**
56.25-78.75	0.007548	0.002264	0.000000	0.000000	0.000000	0.000000	**0.009813**
78.75-101.25	0.030042	0.008454	0.000302	0.000000	0.000000	0.000000	**0.038798**
101.25-123.75	0.059330	0.010568	0.000755	0.000604	0.000000	0.000000	**0.071256**
123.75-146.25	0.059632	0.008303	0.001208	0.000453	0.000000	0.000000	**0.069595**
146.25-168.75	0.039704	0.009511	0.008605	0.006492	0.000453	0.000000	**0.064764**
168.75-191.25	0.030948	0.033213	0.047554	0.113225	0.010870	0.000000	**0.235809**
191.25-213.75	0.027627	0.058877	0.057971	0.032760	0.000151	0.000000	**0.177385**
213.75-236.25	0.020984	0.034269	0.012832	0.003623	0.000000	0.000000	**0.071709**
236.25-258.75	0.013587	0.024004	0.008454	0.001208	0.000000	0.000000	**0.047252**
258.75-281.25	0.011322	0.015550	0.006492	0.005586	0.000755	0.000000	**0.039704**
281.25-303.75	0.008907	0.011775	0.004831	0.006944	0.001812	0.000000	**0.034269**
303.75-326.25	0.012530	0.008454	0.001208	0.000151	0.000000	0.000000	**0.022343**
326.25-348.75	0.013285	0.009209	0.001057	0.000151	0.000000	0.000000	**0.023702**
Total	0.360356	0.248339	0.155193	0.171649	0.014040	0.000000	0.949577

Frequency of Calm Winds: 5.04%
Average Wind Speed: 6.26 Knots



Locus Map

Victorville Wind Rose (4th Quarter)
VV2 Hybrid Power Project

Figure not to scale

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Appendix: G.4
Date: February 2007

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Station ID: 72381
Year: 2002 2003 2004
Date Range: Oct 1 - Dec 31
Time Range: 00:00 - 23:00

Run ID:

Frequency Distribution
(Count)

Wind Direction (Blowing From) / Wind Speed (Knots)

	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75-11.25	90	67	18	13	0	0	**188**
11.25-33.75	67	67	79	29	2	0	**244**
33.75-56.25	49	37	33	16	0	0	**135**
56.25-78.75	55	26	11	0	0	0	**92**
78.75-101.25	117	41	19	3	0	0	**180**
101.25-123.75	356	50	5	7	0	0	**418**
123.75-146.25	548	72	11	2	0	0	**633**
146.25-168.75	261	50	30	30	7	0	**378**
168.75-191.25	200	100	161	283	87	18	**849**
191.25-213.75	160	170	212	84	2	1	**629**
213.75-236.25	119	141	52	7	0	0	**319**
236.25-258.75	144	106	31	9	4	0	**294**
258.75-281.25	131	151	67	102	30	7	**488**
281.25-303.75	138	130	67	31	4	5	**375**
303.75-326.25	189	188	38	3	0	0	**418**
326.25-348.75	177	134	30	9	0	0	**350**
Total	2801	1530	864	628	136	31	6624

Frequency of Calm Winds: 634
Average Wind Speed: 5.24 Knots

Station ID: 72381
Year: 2002 2003 2004
Date Range: Oct 1 - Dec 31
Time Range: 00:00 - 23:00

Run ID:

Frequency Distribution
(Normalized)

Wind Direction (Blowing From) / Wind Speed (Knots)

	1 - 4	4 - 7	7 - 11	11 - 17	17 - 21	>= 22	Total
348.75-11.25	0.013587	0.010115	0.002717	0.001963	0.000000	0.000000	**0.028382**
11.25-33.75	0.010115	0.010115	0.011926	0.004378	0.000302	0.000000	**0.036836**
33.75-56.25	0.007397	0.005586	0.004982	0.002415	0.000000	0.000000	**0.020380**
56.25-78.75	0.008303	0.003925	0.001661	0.000000	0.000000	0.000000	**0.013889**
78.75-101.25	0.017663	0.006190	0.002868	0.000453	0.000000	0.000000	**0.027174**
101.25-123.75	0.053744	0.007548	0.000755	0.001057	0.000000	0.000000	**0.063104**
123.75-146.25	0.082729	0.010870	0.001661	0.000302	0.000000	0.000000	**0.095562**
146.25-168.75	0.039402	0.007548	0.004529	0.004529	0.001057	0.000000	**0.057065**
168.75-191.25	0.030193	0.015097	0.024306	0.042723	0.013134	0.002717	**0.128170**
191.25-213.75	0.024155	0.025664	0.032005	0.012681	0.000302	0.000151	**0.094958**
213.75-236.25	0.017965	0.021286	0.007850	0.001057	0.000000	0.000000	**0.048158**
236.25-258.75	0.021739	0.016002	0.004680	0.001359	0.000604	0.000000	**0.044384**
258.75-281.25	0.019777	0.022796	0.010115	0.015399	0.004529	0.001057	**0.073671**
281.25-303.75	0.020833	0.019626	0.010115	0.004680	0.000604	0.000755	**0.056612**
303.75-326.25	0.028533	0.028382	0.005737	0.000453	0.000000	0.000000	**0.063104**
326.25-348.75	0.026721	0.020229	0.004529	0.001359	0.000000	0.000000	**0.052838**
Total	0.422856	0.230978	0.130435	0.094807	0.020531	0.004680	0.904287

Frequency of Calm Winds: 9.57%
Average Wind Speed: 5.24 Knots

Appendix G.2

BACT/LAER Documentation

Table G.2-1
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for PM/PM_{10}

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRUPUT	THRUPUT UNIT	POLLUTANT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
WA-0291	WALLULA POWER PLANT	WALLULA GENERATION, LLC	WA	WALLULA GENERATION, LLC, PROPOSES TO CONSTRUCT AND OPERATE A 1,300 MW COMBINED CYCLE ELECTRIC POWER PLANT. THE PROJECT WILL CONSIST OF TWO INDEPENDENT POWER BLOCKS WITH CRITICAL BACK-UP SYSTEMS TO MAINTAIN OVERALL PLANT RELIABILITY AND AVAILABILITY.	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	1300	MW	Particulate Matter (PM)	0.0029	GR/DSCF	
WA-0291	WALLULA POWER PLANT	WALLULA GENERATION, LLC	WA	WALLULA GENERATION, LLC, PROPOSES TO CONSTRUCT AND OPERATE A 1,300 MW COMBINED CYCLE ELECTRIC POWER PLANT. THE PROJECT WILL CONSIST OF TWO INDEPENDENT POWER BLOCKS WITH CRITICAL BACK-UP SYSTEMS TO MAINTAIN OVERALL PLANT RELIABILITY AND AVAILABILITY.	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	1300	MW	Particulate Matter < 10 µ (PM10)	0.0029	GR/DSCF	1 hr
OR-0040	KLAMATH GENERATION, LLC	KLAMATH GENERATION, LLC	OR	POWER GENERATION FACILITY	TURBINE, COMBINED CYCLE, DUCT BURNER, NAT GAS (2)	15.21	NATURAL GAS	480	MW	Particulate Matter < 10 µ (PM10)	0.0042	LB/MMBTU	8 hr
CO-0056	ROCKY MOUNTAIN ENERGY CENTER, LLC	CALPINE CORP.	CO	NATURAL GAS-FIRED, COMBINED-CYCLE COMBUSTION TURBINES.	NATURAL-GAS FIRED, COMBINED-CYCLE TURBINE	15.21	NATURAL GAS	300	MW	Particulate Matter < 10 µ (PM10)	0.0074	LB/MMBTU	
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE, 2 EACH	15.21	NATURAL GAS	1916	MMBTU/H	Particulate Matter (PM)	0.009	LB/MMBTU	3 hr
GA-0105	MCINTOSH COMBINED CYCLE FACILITY	SAVANNAH ELECTRIC AND POWER CO	GA	ELECTRIC GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS, (4)	15.21	NATURAL GAS	140	MW	Particulate Matter (PM)	0.009	LB/MMBTU	
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE, 2 EACH	15.21	NATURAL GAS	1916	MMBTU/H	Particulate Matter < 10 µ (PM10)	0.009	LB/MMBTU	3 hr
MN-0053	FAIRBAULT ENERGY PARK	MN MUNICIPAL POWER AGENCY	MN	LARGE COMBUSTION TURBINE ELECTRIC POWER PLANT - INITIAL OPERATION IN SIMPLE CYCLE AND CONVERSION TO COMBINED CYCLE IN THE FUTURE.	TURBINE, COMBINED CYCLE, NATURAL GAS (1)	15.21	NATURAL GAS	1876	MMBTU/H	Particulate Matter (PM)	0.01	LB/MMBTU	3 hr
CA-1096	VERNON CITY LIGHT & POWER	VERNON CITY LIGHT & POWER	CA		GAS TURBINE: COMBINED CYCLE < 50 MW	15.21	NATURAL GAS	43	MW GAS TURBINE, 55 MW STEAM TURBINE	Particulate Matter (PM)	0.01	G/SCF	
CA-1097	MAGNOLIA POWER PROJECT, SCPPA	MAGNOLIA POWER PROJECT, SCPPA	CA		GAS TURBINE: COMBINED CYCLE >= 50 MW	15.21	NATURAL GAS	181	NET MW (GAS TURBINE W/STEAM INJECTION)	Particulate Matter (PM)	0.01	G/SCF	
AZ-0039	SALT RIVER PROJECT/SANTA N GEN. PLANT	SALT RIVER PROJECT/SANTA N GEN. PLANT	AZ	POWER PLANT	TURBINE, COMBINED CYCLE, DUCT BURNER, NATURAL GAS	15.21	NATURAL GAS	175	MW	Particulate Matter < 10 µ (PM10)	0.01	LB/MMBTU	3 hr
NV-0035	TRACY SUBSTATION EXPANSION PROJECT	SIERRA PACIFIC POWER COMPANY	NV	2 - NATURAL GAS FIRED COMBINED CYCLE COMBUSTION TURBINE GENERATORS WITH HRSG"S AND DUCT BURNERS. 2 - NATURAL GAS FIRED FUEL PREHEATERS. 1 - NATURAL GAS FIRED AUXILIARY BOILER	TURBINE, COMBINED CYCLE COMBUSTION #1 WITH HRSG AND DUCT BURNER.	15.21	NATURAL GAS	306	MW	Particulate Matter < 10 µ (PM10)	0.011	LB/MMBTU	3 hr

Table G.2-1
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for PM/PM_{10}

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRUPUT	THRUPUT UNIT	POLLUTANT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
NV-0035	TRACY SUBSTATION EXPANSION PROJECT	SIERRA PACIFIC POWER COMPANY	NV	2 - NATURAL GAS FIRED COMBINED CYCLE COMBUSTION TURBINE GENERATORS WITH HRSG"S AND DUCT BURNERS. 2 - NATURAL GAS FIRED FUEL PREHEATERS. 1 - NATURAL GAS FIRED AUXILIARY BOILER	TURBINE, COMBINED CYCLE COMBUSTION #2 WITH HRSG AND DUCT BURNER.	15.21	NATURAL GAS	306	MW	Particulate Matter < 10 µ (PM10)	0.011	LB/MMBTU	3 hr
OK-0096	REDBUD POWER PLANT	REDBUD ENERGY LP	OK	ELECTRICITY GENERATION	COMBUSTION TURBINE AND DUCT BURNERS	15.21	NATURAL GAS	1832	MMBTU/H	Particulate Matter (PM)	0.012	LB/MMBTU	
VA-0291	CPV WARREN LLC	CPV WARREN LLC	VA	COMBINED CYCLE POWER GENERATION	TURBINE, COMBINED CYCLE (2)	15.21	NATURAL GAS	1717	mmbtu/h	Particulate Matter < 10 µ (PM10)	0.013	LB/MMBTU	
OK-0090	DUKE ENERGY STEPHENS, LLC STEPHENS ENERGY	DUKE ENERGY	OK	MERCHANT POWER PLANT - NOMINAL TOTAL OF 620 MW.	TURBINES, COMBINED CYCLE (2)	15.21	NATURAL GAS	1701	MMBTU/H	Particulate Matter < 10 µ (PM10)	0.015	LB/MMBTU	
NC-0101	FORSYTH ENERGY PLANT	FORSYTH ENERGY PROJECTS, LLC	NC	THREE COMBINED-CYCLE COMBUSTION TURBINE GENERATORS, EACH WITH A HEAT RECOVERY STEAM GENERATORS (HRSG) ALONG WITH NATURAL GAS-FIRED DUCT BURNERS TO MEET PEAK DEMAND. THE STEAM GENERATED THROUGH THE THREE HRSGS WILL DRIVE A STEAM TURBINE. THE ENTIRE PLANT WILL BE CAPABLE OF GENERATING A NOMINAL POWER OUTPUT OF 812 MEGAWATTS.	TURBINE, COMBINED CYCLE, NATURAL GAS, (3)	15.21	NATURAL GAS	1844.3	MMBTU/H	Particulate Matter < 10 µ (PM10)	0.019	LB/MMBTU	3 hr
NC-0101	FORSYTH ENERGY PLANT	FORSYTH ENERGY PROJECTS, LLC	NC	THREE COMBINED-CYCLE COMBUSTION TURBINE GENERATORS, EACH WITH A HEAT RECOVERY STEAM GENERATORS (HRSG) ALONG WITH NATURAL GAS-FIRED DUCT BURNERS TO MEET PEAK DEMAND. THE STEAM GENERATED THROUGH THE THREE HRSGS WILL DRIVE A STEAM TURBINE. THE ENTIRE PLANT WILL BE CAPABLE OF GENERATING A NOMINAL POWER OUTPUT OF 812 MEGAWATTS.	TURBINE & DUCT BURNER, COMBINED CYCLE, NAT GAS, 3	15.21	NATURAL GAS	1844.3	MMBTU/H	Particulate Matter < 10 µ (PM10)	0.021	LB/MMBTU	3 hr
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE 2 EACH	15.21	NATURAL GAS	1827	MMBTU/H	Particulate Matter (PM)	0.057	LB/MMBTU	3 hr
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE 2 EACH	15.21	NATURAL GAS	1827	MMBTU/H	Particulate Matter < 10 µ (PM10)	0.057	LB/MMBTU	3 hr
UT-0066	CURRANT CREEK	PACIFICORP	UT	POWER GENERATION PLANT WITH TWO NATURAL GAS COMBINED CYCLE TURBINES	NATURAL GAS FIRED TURBINES AND HEAT RECOVERY STEAM GENERATORS	15.21	NATURAL GAS			Particulate Matter < 10 µ (PM10)	0.066	LB/MMBTU	18 hr
MI-0365	MIRANT WYANDOTTE LLC	MIRANT WYANDOTTE LLC	MI	COMBINED CYCLE POWER PLANT.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	2200	MMBTU/H	Particulate Matter < 10 µ (PM10)	5.6	MG/CM	
CEC DECISION PENDING	LOS ESTEROS CRITICAL ENERGY FACILITY, PHASE II	LOS ESTEROS CRITICAL ENERGY FACILITY, LLC	CA	CONVERSION OF EXISTING 180 MW SIMPLE-CYCLE POWER PLANT TO A 320 MW COMBINED-CYCLE PLANT WITH ADDITION OF FOUR HRSGs WITH DUCT BURNERS, STEAM TURBINE, CONDENSERS AND A COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	320	MW	Particulate Matter < 10 µ (PM10)	2.5	LBS/HR	

Table G.2-1
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for PM/PM_{10}

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRUPUT	THRUPUT UNIT	POLLUTANT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
not listed	BLYTHE ENERGY PROJECT, PHASE II	CAITHNESS BLYTHE II, LLC	CA	520 MW NATURAL GAS-FIRED COMBINED-CYCLE GENERATING FACILITY ADJACENT TO BLYTHE ENERGY PROJECT PHASE I. IT WILL HAVE TWO SEIMENS WESTINGHOUSE CGTS WITH DRY LOW-NOX COMBUSTERS, TWO HRSGs WITH DUCT BURNERS, ONE STEAM TURBINE, CONDENSERS AND A COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	520	MW	Particulate Matter < 10 µ (PM10)	6	LBS/HR	
LA-0191	MICHOUD ELECTRIC GENERATING PLANT	ENTERGY NEW ORLEANS, INC.	LA	EXISTING POWER PLANT COMPRISED OF 3 BOILERS CAPABLE OF FIRING NATURAL GAS & NO. 6 FUEL OIL. PROJECT INVOLVES ADDITION OF A 498 MW COMBINED CYCLE OPERATION CONSISTING OF 2 TURBINES AND SUPPLEMENTARY FIRED HRSGS (DUCT BURNERS). DURING PHASE I OF THE PROJECT, THE TURBINES WILL BE OPERATED IN SIMPLE CYCLE MODE.	COMBUSTION GAS TURBINES 4 & 5 (COMBINED CYCLE)	15.21		1595	MM BTU/H ea.	Particulate Matter < 10 µ (PM10)	7.85	LB/H*	1 hr
NV-0033	EL DORADO ENERGY, LLC	EL DORADO ENERGY, LLC	NV	THE FACILITY CONSIST OF TWO COMBUSTION TURBINE GENERATORS (CTGS) TWO HEAT RECOVERY STEAM GENERATORS (HRSGS) AND ONE STEAM TURBINE GENERATOR. THE FACILITY IS LOCATED IN AN ATTAINMENT AREA FOR ALL CRITERIA AIR POLLUTANTS. INSIGNIFICAN EMISSION UNITS INCLUDE A 140 HP EMERGENCY FIRE -WATER PUMP AND A WET SURFACE AIR COOLER.	COMBUSTION TURBINE, COMBINED CYCLE & COGEN(2)	15.21	NATURAL GAS	475	MW	Particulate Matter < 10 µ (PM10)	9	LB/H	
CA-0997	SACRAMENTO MUNICIPAL UTILITY DISTRICT	SACRAMENTO MUNICIPAL UTILITY DISTRICT	CA	COMBUSTION GAS TURBINE GE 7FA	GAS TURBINES, (2)	15.21	NATURAL GAS	1611	MMBTU/H	Particulate Matter < 10 µ (PM10)	9	LB/H	
FL-0265	HINES POWER BLOCK 4	PROGRESS ENERGY	FL	COMBINED CYCLE POWER PLANT. THIS IS THE 4TH BLOCK OF POWER ADDED, MAKING THE TOTAL GENERATING CAPACITY OF THE FACILITY APPROXIMATELY 2090 MW.	COMBINED CYCLE TURBINE	15.21	NATURAL GAS	530	MW	Particulate Matter < 10 µ (PM10)	10	% OPACITY	6 min block avg.
TX-0374	CHOCOLATE BAYOU PLANT	BP AMOCO CHEMICAL CO	TX	BP AMOCO PROPOSES TO CONSTRUCT A GAS- FIRED STEAM AND ELECTRIC GENERATING FACILITY. THE PROPOSED PROJECT WILL BE CALLED THE GREEN POWER UNIT ONE. THE PROJECT WILL CONSIST OF TWO DUAL SHAFT GAS-FIRED ELECTRIC GENERATING TURBINES EACH RATED AT APPROX. 35 MW (BASE LOAD), EACH TURBINE WILL HAVE A HEAT RECOVERY STEAM GENERATOR (HRSG) EQUIPPED WITH 312 MMBTU/H DUCT BURNERS. GREEN POWER UNIT ONE WILL BE CAPABLE OF PRODUCING AN ESTIMATED NOMINAL 70 MW OF ELECTRICITY. STEAM PRODUCED IN THE HRSGS WILL BE USED IN THE CHOCOLATE BAYOU WORKS CHEMICAL COMPLEX. THE CHEMICAL COMPLEX WILL CONSUME APPROX. HALF OF THE ELECTRICAL OUTPUT PRODUCED BY THE TWO NEW TURBINES. EXCESS POWER PRODUCED BY THE COMBUSTION TURBINES WILL BE SOLD TO THE GRID. THE COMBUSTION TURBINES WILL ONLY BURN PIPELINE QUALITY SWEET NAT GAS. THE DUCT BURNERS WILL BURN NAT GAS, COMPLEX GAS, OR MIXTURES OF NAT GAS AND COMPLEX GAS.	(2) COGENERATION TRAINS 2 & 3, GT-2 & 3	15.21	NAT GAS	70	MW, TOTAL	Particulate Matter < 10 µ (PM10)	10.03	LB/H	
*NE-0023	BEATRICE POWER STATION	NEBRASKA PUBLIC POWER DISTRICT	NE	PERMIT TO CONSTRUCT: 2-NG TURBINES, 250 MW TOTAL AND ONE AUX. BOILER, 73 MMBTU/HR, OIL FIRED	2-COMBUSTION TURBINES W/ DUCT BURNER	15.21	NATURAL GAS	250	MW	Particulate Matter (PM)	10.8	LB/H	
NE-0017	BEATRICE POWER STATION	NEBRASKA PUBLIC POWER DISTRICT	NE	ELECTRIC GENERATING FACILITY	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	80	MW	Particulate Matter (PM)	10.8	LB/H	
NV-0038	IVANPAH ENERGY CENTER, L.P.	IVANPAH ENERGY CENTER, L.P.	NV	A 500 MW ELECTRICAL GENERATING PLANT CONSISTING OF TWO COMBUSTION TURBINE GENERATORS, TWO HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR. THE PROPOSED PLANT IS SURROUNDED BY UNOCCUPIED LAND FOR A DISTANCE OF AT LEAST TWO MILES IN ALL DIRECTIONS. THE UN-IMPROVED ACCESS ROAD TO THE PROPOSED PLANT SITE IS ABOUT 1.6 MILES IN LENGTH.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	500	MW	Particulate Matter < 10 µ (PM10)	11.25	LB/H	

Table G.2-1
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for PM/PM_{10}

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRUPUT	THRUPUT UNIT	POLLUTANT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
OR-0039	COB ENERGY FACILITY, LLC	Peoples Energy Resources	OR	POWER GENERATION FACILITY	TURBINE, COMBINED CYCLE, DUCT BURNER, NAT GAS, (4)	15.21	NATURAL GAS	1150	MW	Particulate Matter < 10 µ (PM10)	14	LB/H	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	172	MW	Particulate Matter < 10 µ (PM10)	15	LB/H	
MD-0032	DICKERSON	MIRANT MID-ATLANTIC, LLC	MD	PROJECT IS TO CONVERT EXISTING SIMPLE CYCLE CTS TO COMBINED CYCLE OPERATION, WITH INSTALLATION OF HRSGS AND STEAM TURBINE; AND CONSTRUCTION OF A NEW SIMILAR COMBINED CYCLE UNIT, PERMIT INCLUDES LIMITS FOR BOTH COMBINED AND SIMPLE CYCLE OPERATION AND WITH AND WITHOUT DUCT FIRING	UNIT 5 -GE FRAME 7F COMB. TURBINES W/ HRSG - NG CC	15.21	NATURAL GAS	196	MW	Particulate Matter < 10 µ (PM10)	15	LB/H	3 hr
VA-0289	DUKE ENERGY WYTHE, LLC	DUKE ENERGY WYTHE, LLC	VA	POWER PLANT	TURBINE, COMBINED CYCLE, NATURAL GAS	15.21	NATURAL GAS	170	MW	Particulate Matter < 10 µ (PM10)	17.5	LB/H	
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS	15.21	NATURAL GAS	1973	MMBTU/H	Particulate Matter (PM)	18	LB/H	
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS	15.21	NATURAL GAS	1973	MMBTU/H	Particulate Matter < 10 µ (PM10)	18	LB/H	
AZ-0043	DUKE ENERGY ARLINGTON VALLEY (AVEFII)	DUKE ENERGY ARLINGTON VALLEY	AZ	POWER PLANT	TURBINE, COMBINED CYCLE	15.21	NATURAL GAS	325	MW	Particulate Matter < 10 µ (PM10)	18	LB/H	
MI-0366	BERRIEN ENERGY, LLC	BERRIEN ENERGY, LLC	MI	ELECTRIC POWER GENERATING FACILITY.	3 COMBUSTION TURBINES AND DUCT BURNERS	15.21	NATURAL GAS	1584	MMBTU/H	Particulate Matter < 10 µ (PM10)	19	LB/H	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	170	MW	Particulate Matter < 10 µ (PM10)	19	LB/H	
MI-0363	BLUEWATER ENERGY CENTER LLC	BLUEWATER ENERGY CENTER LLC	MI	COMBINED CYCLE ELECTRIC GENERATING POWER PLANT.	TURBINE, COMBINED CYCLE, (3)	15.21	NATURAL GAS	180	MW	Particulate Matter < 10 µ (PM10)	19.6	LB/H	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-001 GEN. ELEC. COMBUST. TURBINE	15.21	NATURAL GAS	230	MW	Particulate Matter < 10 µ (PM10)	20.59	LB/H	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-002 GEN ELEC. COMB. TURBINE	15.21		230	MW	Particulate Matter < 10 µ (PM10)	20.59	LB/H	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-003 GEN. ELEC COMB TURBINES	15.21		230	MW	Particulate Matter < 10 µ (PM10)	20.59	LB/H	
NV-0037	COPPER MOUNTAIN POWER	SEMPRA ENERGY RESOURCES	NV	A 600 MW COMBINED CYCLE ELECTRICAL GENERATION FACILITY CONSISTING OF TWO COMBUSTION TURBINE GENERATORS WITH HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR, AND ONE AUXILIARY BOILER.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	600	MW	Particulate Matter < 10 µ (PM10)	21.3	LB/H	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	172	MW	Particulate Matter < 10 µ (PM10)	23.3	LB/H	
VA-0289	DUKE ENERGY WYTHE, LLC	DUKE ENERGY WYTHE, LLC	VA	POWER PLANT	TURBINE, COMBINED CYCLE, DUCT BURNER, NATURAL GAS	15.21	NATURAL GAS	170	MW	Particulate Matter < 10 µ (PM10)	23.7	LB/H	

Table G.2-1
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for PM/PM_{10}

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRUPUT	THRUPUT UNIT	POLLUTANT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
MI-0361	SOUTH SHORE POWER LLC	SOUTH SHORE POWER LLC	MI	ELECTRIC POWER GENERATING FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	172	MW	Particulate Matter < 10 µ (PM10)	24	LB/H	
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS,DUCT BURNER	15.21	NATURAL GAS	1973	MMBTU/H	Particulate Matter (PM)	24.7	LB/H	
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS,DUCT BURNER	15.21	NATURAL GAS	1973	MMBTU/H	Particulate Matter < 10 µ (PM10)	24.7	LB/H	
AZ-0043	DUKE ENERGY ARLINGTON VALLEY (AVEFII)	DUKE ENERGY ARLINGTON VALLEY	AZ	POWER PLANT	TURBINE, COMBINED CYCLE & DUCT BURNER	15.21	NATURAL GAS	325	MW	Particulate Matter < 10 µ (PM10)	25	LB/H	
MD-0032	DICKERSON	MIRANT MID-ATLANTIC, LLC	MD	PROJECT IS TO CONVERT EXISTING SIMPLE CYCLE CTS TO COMBINED CYCLE OPERATION, WITH INSTALLATION OF HRSGS AND STEAM TURBINE; AND CONSTRUCTION OF A NEW SIMILAR COMBINED CYCLE UNIT, PERMIT INCLUDES LIMITS FOR BOTH COMBINED AND SIMPLE CYCLE OPERATION AND WITH AND WITHOUT DUCT FIRING	UNIT 4 -GE FRAME 7F COMB. TURBINES W/ HRSG - NG CC	15.21	NATURAL GAS	196	MW	Particulate Matter < 10 µ (PM10)	26	LB/H	3 hr
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	170	MW	Particulate Matter < 10 µ (PM10)	28	LB/H	
LA-0192	CRESCENT CITY POWER	CRESENT CITY POWER, LLC	LA	NEW 600 MW NATURAL GAS-FIRED COMBINED CYCLE POWER PLANT	GAS TURBINES - 187 MW (2)	15.21		2006	MMBTU/H	Particulate Matter < 10 µ (PM10)	29.4	LB/H	1 hr
AZ-0047	WELLTON MOHAWK GENERATING STATION	DOME VALLEY ENERGY PARTNERS	AZ	COMBINED CYCLE GAS-FIRED ELECTRICITY GENERATING STATION	COMBUSTION TURBINE GENERATORS AND HEAT RECOVERY STEAM GENERATORS - GE7FA TURBINES OPTION	15.21	NATURAL GAS	170	MW	Particulate Matter < 10 µ (PM10)	29.8	LB/H	3 hr
AZ-0047	WELLTON MOHAWK GENERATING STATION	DOME VALLEY ENERGY PARTNERS	AZ	COMBINED CYCLE GAS-FIRED ELECTRICITY GENERATING STATION	COMBUSTION TURBINE GENERATORS AND HEAT RECOVERY STEAM GENERATORS - SW501F TURBINES OPTION	15.21	NATURAL GAS	180	MW	Particulate Matter < 10 µ (PM10)	33.1	LB/H	3 hr
MI-0357	KALKASKA GENERATING, INC	KALKASKA GENERATING LLC	MI	ELECTRICAL POWER PRODUCTION FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	605	MW	Particulate Matter < 10 µ (PM10)	38	LB/H	
*AZ-0049	LA PAZ GENERATING FACILITY	ALLEGHENY ENERGY SUPPLY LLC	AZ	NATURAL GAS FIRED, COMBINED CYCLE GENERATING STATION	GE COMBUSTION TURBINES AND HEAT RECOVERY STEAM GENERATORS	15.21	NATURAL GAS	1040	MW	Particulate Matter < 10 µ (PM10)	45.5	LB/H	
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	SUMAS ENERGY 2 GENERATION FACILITY	WA		TURBINES, COMBINED CYCLE, (2)	15.21	NATURAL GAS	660	MW	Particulate Matter (PM), Filterable	194	LB/D	
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	SUMAS ENERGY 2 GENERATION FACILITY	WA		TURBINES, COMBINED CYCLE, (2)	15.21	NATURAL GAS	660	MW	Particulate Matter (PM)	377	LB/D	

Table G.2-2
RBLC Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for VOC

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION	EMIS LIMIT 2	EMIS LIMIT2 UNIT	EMIS LIMIT2 AVG TIME CONDITION
CO-0056	ROCKY MOUNTAIN ENERGY CENTER, LLC	CALPINE CORP.	CO	NATURAL GAS-FIRED, COMBINED-CYCLE COMBUSTION TURBINES.	NATURAL-GAS FIRED, COMBINED-CYCLE TURBINE	15.21	NATURAL GAS	300	MW	0.0029	LB/MMBTU				
VA-0291	CPV WARREN LLC	CPV WARREN LLC	VA	COMBINED CYCLE POWER GENERATION	TURBINE, COMBINED CYCLE (2)	15.21	NATURAL GAS	1717	mmbtu/h	0.7	PPMVD				
VA-0291	CPV WARREN LLC	CPV WARREN LLC	VA	COMBINED CYCLE POWER GENERATION	TURBINE, COMBINED CYCLE AND DUCT BURNER (2)	15.21	NATURAL GAS	1717	mmbtu/h	1	PPMVD		1.4	PPMVD	
MN-0053	FAIRBAULT ENERGY PARK	MN MUNICIPAL POWER AGENCY	MN	LARGE COMBUSTION TURBINE ELECTRIC POWER PLANT - INITIAL OPERATION IN SIMPLE CYCLE AND CONVERSION TO COMBINED CYCLE IN THE FUTURE.	TURBINE, COMBINED CYCLE, NATURAL GAS (1)	15.21	NATURAL GAS	1876	MMBTU/H	1	PPMVD @ 15% O2	3 hr			
not listed	BLYTHE ENERGY PROJECT, PHASE II	CAITHNESS BLYTHE II, LLC	CA	520 MW NATURAL GAS-FIRED COMBINED-CYCLE GENERATING FACILITY ADJACENT TO BLYTHE ENERGY PROJECT PHASE I. IT WILL HAVE TWO SEIMENS WESTINGHOUSE CGTS WITH DRY LOW-NOX COMBUSTERS, TWO HRSGs WITH DUCT BURNERS, ONE STEAM TURBINE, CONDENERS AND A COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	520	MW	1	PPMVD	1 hr			
FL-0263	FPL TURKEY POINT POWER PLANT	FLORIDA POWER AND LIGHT	FL	RESPECTIVELY."	170 MW COMBUSTION TURBINE, 4 UNITS	15.21	NATURAL GAS	170	MW	1.3	PPMVD @ 15 % O2		1.9	PPMVD @ 15 % O2	
FL-0244	FPL MARTIN PLANT	FLORIDA POWER & LIGHT	FL	EXISTING POWER PLANT	TURBINE, COMBINED CYLE, NATURAL GAS, (4)	15.21	NATURAL GAS	170	MW	1.3	PPMVD 15% O2		2.8	LB/H	
FL-0245	FPL MANATEE PLANT - UNIT 3	FLORIDA POWER & LIGHT	FL	EXISTING POWER PLANT	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	170	MW	1.3	PPMVD @ 15% O2		4	PPMVD @ 15% O2	
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS	15.21	NATURAL GAS	1973	MMBTU/H	1.4	PPM				
CA-0997	SACRAMENTO MUNICIPAL UTILITY DISTRICT	SACRAMENTO MUNICIPAL UTILITY DISTRICT	CA	COMBUSTION GAS TURBINE GE 7FA	GAS TURBINES, (2)	15.21	NATURAL GAS	1611	MMBTU/H	1.4	PPM @ 15% O2		30	T/YR	
CEC DECISION PENDING	SOUTH BAY REPLACEMENT PROJECT	LSP SOUTH BAY, LLC	CA	REPLACEMENT OF EXISTING FACILITY IN CHULA VISTA IN SAN DIEGO COUNTY WITH A 620 MW NATURAL GAS-FIRED COMBINED-CYCLE PLANT WITH TWO CTGs, TWO HRSGs AND DUCT BURNERS AND STEAM TURBINE	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	620	MW	1.5	PPMVD	1 hr			
not listed	ROSEVILLE ENERGY PARK	ROSEVILLE ELECTRIC	CA	160 MW, NATURAL GAS-FIRED, COMBINED-CYCLE GENERATING FACILITY LOCATED WEST OF DOWNTOWN ROSEVILLE, IN PLACER COUNTY. IT WILL HAVE TWO GE LM6000 PC SPRINT OR ALSTOM GTX100 CTGs, EQUIPPED WITH WATER INJECTION (LM6000) OR DRY LOW-NOx COMBUSTERS (GTX100), TWO HRSGs WITH DUCT BURNERS, ONE STEAM TURBINE, CONDENSERS AND A MECHANICAL DRAFT COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	160	MW	2	PPMVD	1 hr			
not listed	EL CENTRO UNIT 3 REPOWER PROJECT	IMPERIAL IRRIGATION DISTRICT	CA	128 MW, NATURAL GAS-FIRED COMBINED-CYCLE GENERATING FACILITY WITHIN CURRENT EL CENTRO GENERATING STATION, IN IMPERIAL COUNTY. IT WILL ADD A GE 7EA CTG WITH DRY LOW NOX COMBUSTERS AND ONE HRSG WITH DUCT BURNER TO EXISTING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	128	MW	2	PPMVD	1 hr			

Table G.2-2
RBLC Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for VOC

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION	EMIS LIMIT 2	EMIS LIMIT2 UNIT	EMIS LIMIT2 AVG TIME CONDITION
CEC DECISION PENDING	LOS ESTEROS CRITICAL ENERGY FACILITY, PHASE II	LOS ESTEROS CRITICAL ENERGY FACILITY, LLC	CA	CONVERSION OF EXISTING 180 MW SIMPLE-CYCLE POWER PLANT TO A 320 MW COMBINED-CYCLE PLANT WITH ADDITION OF FOUR HRSGs WITH DUCT BURNERS, STEAM TURBINE, CONDENSERS AND A COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	320	MW	2	PPMVD	1 hr			
MN-0060	HIGH BRIDGE GENERATING PLANT	NORTHERN STATES POWER CO. DBA XCEL ENERGY	MN	EXISTING COAL-FIRED ELECTRIC UTILITY THAT WILL BE REPLACED BY NEW TWIN NATURAL GAS-FIRED COMBINED CYCLE COMBUSTION TURBINE.	2 COMBINED-CYCLE COMBUSTION TURBINES	15.21	NATURAL GAS ONLY	330	MEGAWATTS	2	PPM @ 15% O2		13	PPM @ 15% O2	
FL-0256	HINES ENERGY COMPLEX, POWER BLOCK 3	PROGRESS ENERGY FLORIDA	FL	POWER PLANT	COMBUSTION TURBINES, COMBINED CYCLE, NATURAL GAS,2	15.21	NATURAL GAS	1830	MMBTU/H	2	PPMVD % 15 O2				
CA-1096	VERNON CITY LIGHT & POWER	VERNON CITY LIGHT & POWER	CA		GAS TURBINE: COMBINED CYCLE < 50 MW	15.21	NATURAL GAS	43	MW GAS TURBINE, 55 MW STEAM TURBINE	2	PPMVD @ 15% O2	1 hr			
CA-1097	MAGNOLIA POWER PROJECT, SCPPA	MAGNOLIA POWER PROJECT, SCPPA	CA		GAS TURBINE: COMBINED CYCLE >= 50 MW	15.21	NATURAL GAS	181	NET MW (GAS TURBINE W/STEAM INJECTION)	2	PPMVD @ 15% O2	1 hr			
GA-0105	MCINTOSH COMBINED CYCLE FACILITY	SAVANNAH ELECTRIC AND POWER CO	GA	ELECTRIC GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS, (4)	15.21	NATURAL GAS	140	MW	2	PPM @ 15% O2				
NV-0038	IVANPAH ENERGY CENTER, L.P.	IVANPAH ENERGY CENTER, L.P.	NV	A 500 MW ELECTRICAL GENERATING PLANT CONSISTING OF TWO COMBUSTION TURBINE GENERATORS, TWO HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR. THE PROPOSED PLANT IS SURROUNDED BY UNOCCUPIED LAND FOR A DISTANCE OF AT LEAST TWO MILES IN ALL DIRECTIONS. THE UN-IMPROVED ACCESS ROAD TO THE PROPOSED PLANT SITE IS ABOUT 1.6 MILES IN LENGTH.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	500	MW	2.3	PPMVD		5.6	LB/H	
LA-0192	CRESCENT CITY POWER	CRESENT CITY POWER, LLC	LA	NEW 600 MW NATURAL GAS-FIRED COMBINED CYCLE POWER PLANT	GAS TURBINES - 187 MW (2)	15.21		2006	MMBTU/H	2.8	LB/H	1 hr	12.3	T/YR	Annual
AZ-0047	WELLTON MOHAWK GENERATING STATION	DOME VALLEY ENERGY PARTNERS	AZ	COMBINED CYCLE GAS-FIRED ELECTRICITY GENERATING STATION	COMBUSTION TURBINE GENERATORS AND HEAT RECOVERY STEAM GENERATORS - GE7FA TURBINES OPTION	15.21	NATURAL GAS	170	MW	3	PPM @ 15% O2	3 hr	8.4	LB/H	3 hr
AZ-0047	WELLTON MOHAWK GENERATING STATION	DOME VALLEY ENERGY PARTNERS	AZ	COMBINED CYCLE GAS-FIRED ELECTRICITY GENERATING STATION	COMBUSTION TURBINE GENERATORS AND HEAT RECOVERY STEAM GENERATORS - SW501F TURBINES OPTION	15.21	NATURAL GAS	180	MW	3	PPM @ 15% O2	3 hr	9.5	LB/H	3 hr
VA-0289	DUKE ENERGY WYTHE, LLC	DUKE ENERGY WYTHE, LLC	VA	POWER PLANT	TURBINE, COMBINED CYCLE, NATURAL GAS	15.21	NATURAL GAS	170	MW	3	LB/H				
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	170	MW	3	LB/H				
MI-0366	BERRIEN ENERGY, LLC	BERRIEN ENERGY, LLC	MI	ELECTRIC POWER GENERATING FACILITY.	3 COMBUSTION TURBINES AND DUCT BURNERS	15.21	NATURAL GAS	1584	MMBTU/H	3.2	LB/H		95.3	T/YR	

Table G.2-2
RBLC Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for VOC

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION	EMIS LIMIT 2	EMIS LIMIT2 UNIT	EMIS LIMIT2 AVG TIME CONDITION
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	172	MW	3.2	LB/H				
MI-0357	KALKASKA GENERATING, INC	KALKASKA GENERATING LLC	MI	ELECTRICAL POWER PRODUCTION FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	605	MW	3.5	PPM		37.9	T/YR	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-001 GEN. ELEC. COMBUST. TURBINE	15.21	NATURAL GAS	230	MW	3.64	PPMV @ 15% 02	3 hr	9.33	LB/H	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-002 GEN ELEC. COMB. TURBINE	15.21		230	MW	3.64	PPMV @ 15% 02	3 hr	9.33	LB/H	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-003 GEN. ELEC COMB TURBINES	15.21		230	MW	3.64	PPMV @ 15% 02	3 hr	9.33	LB/H	
NV-0035	TRACY SUBSTATION EXPANSION PROJECT	SIERRA PACIFIC POWER COMPANY	NV	2 - NATURAL GAS FIRED COMBINED CYCLE COMBUSTION TURBINE GENERATORS WITH HRSG"S AND DUCT BURNERS. 2 - NATURAL GAS FIRED FUEL PREHEATERS. 1 - NATURAL GAS FIRED AUXILIARY BOILER	TURBINE, COMBINED CYCLE COMBUSTION #1 WITH HRSG AND DUCT BURNER.	15.21	NATURAL GAS	306	MW	4	PPM @ 15% O2	3 hr			
NV-0035	TRACY SUBSTATION EXPANSION PROJECT	SIERRA PACIFIC POWER COMPANY	NV	2 - NATURAL GAS FIRED COMBINED CYCLE COMBUSTION TURBINE GENERATORS WITH HRSG"S AND DUCT BURNERS. 2 - NATURAL GAS FIRED FUEL PREHEATERS. 1 - NATURAL GAS FIRED AUXILIARY BOILER	TURBINE, COMBINED CYCLE COMBUSTION #2 WITH HRSG AND DUCT BURNER.	15.21	NATURAL GAS	306	MW	4	PPM @ 15% O2	3 hr			
NV-0037	COPPER MOUNTAIN POWER	SEMPRA ENERGY RESOURCES	NV	A 600 MW COMBINED CYCLE ELECTRICAL GENERATION FACILITY CONSISTING OF TWO COMBUSTION TURBINE GENERATORS WITH HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR, AND ONE AUXILIARY BOILER.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	600	MW	4	PPMVD	3 hr	1.9	PPMVD	3 hr
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS,DUCT BURNER	15.21	NATURAL GAS	1973	MMBTU/H	4	PPM				
AZ-0043	DUKE ENERGY ARLINGTON VALLEY (AVEFII)	DUKE ENERGY ARLINGTON VALLEY	AZ	POWER PLANT	TURBINE, COMBINED CYCLE & DUCT BURNER	15.21	NATURAL GAS	325	MW	4	PPM	3 hr			
FL-0244	FPL MARTIN PLANT	FLORIDA POWER & LIGHT	FL	EXISTING POWER PLANT	TURBINE, COMBINED CYCLE WITH DUCT BURNER, NAT GAS	15.21	NATURAL GAS	170	MW	4	PPMVD @ 15% O2		10.5	LB/H	
AZ-0039	SALT RIVER PROJECT/SANTA N GEN. PLANT	SALT RIVER PROJECT/SANTA N GEN. PLANT	AZ	POWER PLANT	TURBINE, COMBINED CYCLE, DUCT BURNER, NATURAL GAS	15.21	NATURAL GAS	175	MW	4	PPM @ 15% O2	3 hr			
*AZ-0049	LA PAZ GENERATING FACILITY	ALLEGHENY ENERGY SUPPLY LLC	AZ	NATURAL GAS FIRED, COMBINED CYCLE GENERATING STATION	GE COMBUSTION TURBINES AND HEAT RECOVERY STEAM GENERATORS	15.21	NATURAL GAS	1040	MW	4.5	PPMVD	3 hr	12.6	LB/H	
WA-0291	WALLULA POWER PLANT	WALLULA GENERATION, LLC	WA	WALLULA GENERATION, LLC, PROPOSES TO CONSTRUCT AND OPERATE A 1,300 MW COMBINED CYCLE ELECTRIC POWER PLANT. THE PROJECT WILL CONSIST OF TWO INDEPENDENT POWER BLOCKS WITH CRITICAL BACK-UP SYSTEMS TO MAINTAIN OVERALL PLANT RELIABILITY AND AVAILABILITY.	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	1300	MW	5	PPMDV @ 15% O2	1 hr	16.2	LB/H	24 hr

Table G.2-2
RBLC Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for VOC

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION	EMIS LIMIT 2	EMIS LIMIT2 UNIT	EMIS LIMIT2 AVG TIME CONDITION
NV-0033	EL DORADO ENERGY, LLC	EL DORADO ENERGY, LLC	NV	THE FACILITY CONSIST OF TWO COMBUSTION TURBINE GENERATORS (CTGS) TWO HEAT RECOVERY STEAM GENERATORS (HRSGS) AND ONE STEAM TURBINE GENERATOR. THE FACILITY IS LOCATED IN AN ATTAINMENT AREA FOR ALL CRITERIA AIR POLLUTANTS. INSIGNIFICAN EMISSION UNITS INCLUDE A 140 HP EMERGENCY FIRE -WATER PUMP AND A WET SURFACE AIR COOLER.	COMBUSTION TURBINE, COMBINED CYCLE & COGEN(2)	15.21	NATURAL GAS	475	MW	5.2	LB/H		6.6	LB/H	
NC-0101	FORSYTH ENERGY PLANT	FORSYTH ENERGY PROJECTS, LLC	NC	THREE COMBINED-CYCLE COMBUSTION TURBINE GENERATORS, EACH WITH A HEAT RECOVERY STEAM GENERATORS (HRSG) ALONG WITH NATURAL GAS-FIRED DUCT BURNERS TO MEET PEAK DEMAND. THE STEAM GENERATED THROUGH THE THREE HRSGS WILL DRIVE A STEAM TURBINE. THE ENTIRE PLANT WILL BE CAPABLE OF GENERATING A NOMINAL POWER OUTPUT OF 812 MEGAWATTS.	TURBINE & DUCT BURNER, COMBINED CYCLE, NAT GAS, 3	15.21	NATURAL GAS	1844	MMBTU/H	5.7	PPM @ 15% O2				
TX-0374	CHOCOLATE BAYOU PLANT	BP AMOCO CHEMICAL CO	TX	BP AMOCO PROPOSES TO CONSTRUCT A GAS-FIRED STEAM AND ELECTRIC GENERATING FACILITY. THE PROPOSED PROJECT WILL BE CALLED THE GREEN POWER UNIT ONE. THE PROJECT WILL CONSIST OF TWO DUAL SHAFT GAS-FIRED ELECTRIC GENERATING TURBINES EACH RATED AT APPROX. 35 MW (BASE LOAD), EACH TURBINE WILL HAVE A HEAT RECOVERY STEAM GENERATOR (HRSG) EQUIPPED WITH 312 MMBTU/H DUCT BURNERS. GREEN POWER UNIT ONE WILL BE CAPABLE OF PRODUCING AN ESTIMATED NOMINAL 70 MW OF ELECTRICITY. STEAM PRODUCED IN THE HRSGS WILL BE USED IN THE CHOCOLATE BAYOU WORKS CHEMICAL COMPLEX. THE CHEMICAL COMPLEX WILL CONSUME APPROX. HALF OF THE ELECTRICAL OUTPUT PRODUCED BY THE TWO NEW TURBINES. EXCESS POWER PRODUCED BY THE COMBUSTION TURBINES WILL BE SOLD TO THE GRID. THE COMBUSTION TURBINES WILL ONLY BURN PIPELINE QUALITY SWEET NAT GAS. THE DUCT BURNERS WILL BURN NAT GAS, COMPLEX GAS, OR MIXTURES OF NAT GAS AND COMPLEX GAS.	(2) COGENERATION TRAINS 2 & 3, GT-2 & 3	15.21	NAT GAS	70	MW, TOTAL	6.14	LB/H		40.88	T/YR	
OR-0039	COB ENERGY FACILITY, LLC	Peoples Energy Resources	OR	POWER GENERATION FACILITY	TURBINE, COMBINED CYCLE, DUCT BURNER, NAT GAS, (4)	15.21	NATURAL GAS	1150	MW	7.1	LB/H	3 hr			
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE 2 EACH	15.21	NATURAL GAS	1827	MMBTU/H	7.1	PPMVD @15% 02	3 hr			
OR-0040	KLAMATH GENERATION, LLC	KLAMATH GENERATION, LLC	OR	POWER GENERATION FACILITY	TURBINE, COMBINED CYCLE, DUCT BURNER, NAT GAS (2)	15.21	NATURAL GAS	480	MW	7.2	LB/H	3 hr			

Table G.2-2
RBLC Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for VOC

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION	EMIS LIMIT 2	EMIS LIMIT2 UNIT	EMIS LIMIT2 AVG TIME CONDITION
MI-0361	SOUTH SHORE POWER LLC	SOUTH SHORE POWER LLC	MI	ELECTRIC POWER GENERATING FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	172	MW	7.3	LB/H		31.8	T/YR	
MI-0365	MIRANT WYANDOTTE LLC	MIRANT WYANDOTTE LLC	MI	COMBINED CYCLE POWER PLANT.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	2200	MMBTU/H	10	PPM				
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	170	MW	19.6	LB/H		94	LB/H	MAXIMUM DURING STARTUP OR SHUTDOWN
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	172	MW	20.4	LB/H		94	LB/H	MAXIMUM DURING STARTUP OR SHUTDOWN
VA-0289	DUKE ENERGY WYTHE, LLC	DUKE ENERGY WYTHE, LLC	VA	POWER PLANT	TURBINE, COMBINED CYCLE, DUCT BURNER, NATURAL GAS	15.21	NATURAL GAS	170	MW	21	LB/H				
MI-0363	BLUEWATER ENERGY CENTER LLC	BLUEWATER ENERGY CENTER LLC	MI	COMBINED CYCLE ELECTRIC GENERATING POWER PLANT.	TURBINE, COMBINED CYCLE, (3)	15.21	NATURAL GAS	180	MW	28	LB/H		246	T/YR	
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE, 2 EACH	15.21	NATURAL GAS	1916	MMBTU/H	34	PPMVD @15% 02	3 hr			
OK-0090	DUKE ENERGY STEPHENS, LLC STEPHENS ENERGY	DUKE ENERGY	OK	MERCHANT POWER PLANT - NOMINAL TOTAL OF 620 MW.	TURBINES, COMBINED CYCLE (2)	15.21	NATURAL GAS	1701	MMBTU/H	45.6	LB/H				
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	SUMAS ENERGY 2 GENERATION FACILITY	WA		TURBINES, COMBINED CYCLE, (2)	15.21	NATURAL GAS	660	MW	420	LB/D				

Table G.2-3
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for SO_2

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRUPUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
NC-0101	FORSYTH ENERGY PLANT	FORSYTH ENERGY PROJECTS, LLC	NC	THREE COMBINED-CYCLE COMBUSTION TURBINE GENERATORS, EACH WITH A HEAT RECOVERY STEAM GENERATORS (HRSG) ALONG WITH NATURAL GAS-FIRED DUCT BURNERS TO MEET PEAK DEMAND. THE STEAM GENERATED THROUGH THE THREE HRSGS WILL DRIVE A STEAM TURBINE. THE ENTIRE PLANT WILL BE CAPABLE OF GENERATING A NOMINAL POWER OUTPUT OF 812 MEGAWATTS.	TURBINE, COMBINED CYCLE, NATURAL GAS, (3)	15.21	NATURAL GAS	1844.3	MMBTU/H	0.0006	LB/MMBTU	3 hr
NC-0101	FORSYTH ENERGY PLANT	FORSYTH ENERGY PROJECTS, LLC	NC	THREE COMBINED-CYCLE COMBUSTION TURBINE GENERATORS, EACH WITH A HEAT RECOVERY STEAM GENERATORS (HRSG) ALONG WITH NATURAL GAS-FIRED DUCT BURNERS TO MEET PEAK DEMAND. THE STEAM GENERATED THROUGH THE THREE HRSGS WILL DRIVE A STEAM TURBINE. THE ENTIRE PLANT WILL BE CAPABLE OF GENERATING A NOMINAL POWER OUTPUT OF 812 MEGAWATTS.	TURBINE & DUCT BURNER, COMBINED CYCLE, NAT GAS, 3	15.21	NATURAL GAS	1844.3	MMBTU/H	0.0006	LB/MMBTU	3 hr
*AZ-0049	LA PAZ GENERATING FACILITY	ALLEGHENY ENERGY SUPPLY LLC	AZ	NATURAL GAS FIRED, COMBINED CYCLE GENERATING STATION	GE COMBUSTION TURBINES AND HEAT RECOVERY STEAM GENERATORS	15.21	NATURAL GAS	1040	MW	0.0021	LB/MMBTU	3 hr
AZ-0047	WELLTON MOHAWK GENERATING STATION	DOME VALLEY ENERGY PARTNERS	AZ	COMBINED CYCLE GAS-FIRED ELECTRICITY GENERATING STATION	COMBUSTION TURBINE GENERATORS AND HEAT RECOVERY STEAM GENERATORS - GE7FA TURBINES OPTION	15.21	NATURAL GAS	170	MW	0.0023	LB/MMBTU	3 hr
AZ-0047	WELLTON MOHAWK GENERATING STATION	DOME VALLEY ENERGY PARTNERS	AZ	COMBINED CYCLE GAS-FIRED ELECTRICITY GENERATING STATION	COMBUSTION TURBINE GENERATORS AND HEAT RECOVERY STEAM GENERATORS - SW501F TURBINES OPTION	15.21	NATURAL GAS	180	MW	0.0023	LB/MMBTU	3 hr
OK-0096	REDBUD POWER PLANT	REDBUD ENERGY LP	OK	ELECTRICITY GENERATION	COMBUSTION TURBINE AND DUCT BURNERS	15.21	NATURAL GAS	1832	MMBTU/H	0.003	LB/MMBTU	
OK-0090	DUKE ENERGY STEPHENS, LLC STEPHENS ENERGY	DUKE ENERGY	OK	MERCHANT POWER PLANT - NOMINAL TOTAL OF 620 MW.	TURBINES, COMBINED CYCLE (2)	15.21	NATURAL GAS	1701	MMBTU/H	0.006	LB/MMBTU	
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE 2 EACH	15.21	NATURAL GAS	1827	MMBTU/H	0.05	% SULFUR BY WT.	Instantaneous
MI-0362	MIDLAND COGENERATION (MCV)	MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP	MI	COGENERATION FACILITY TO PRODUCE STEAM AND ELECTRICITY.	TURBINE, COMBINED CYCLE, (11)	15.21	NATURAL GAS	984	MMBTU/H	0.2	GR/100 SCF	
MI-0361	SOUTH SHORE POWER LLC	SOUTH SHORE POWER LLC	MI	ELECTRIC POWER GENERATING FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	172	MW	0.2	GR/100 SCF	
WA-0291	WALLULA POWER PLANT	WALLULA GENERATION, LLC	WA	WALLULA GENERATION, LLC, PROPOSES TO CONSTRUCT AND OPERATE A 1,300 MW COMBINED CYCLE ELECTRIC POWER PLANT. THE PROJECT WILL CONSIST OF TWO INDEPENDENT POWER BLOCKS WITH CRITICAL BACK-UP SYSTEMS TO MAINTAIN OVERALL PLANT RELIABILITY AND AVAILABILITY.	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	1300	MW	0.35	PPMDV @ 15% O2	1 hr

Table G.2-3
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for SO_2

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRUPUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
not listed	BLYTHE ENERGY PROJECT, PHASE II	CAITHNESS BLYTHE II, LLC	CA	520 MW NATURAL GAS-FIRED COMBINED-CYCLE GENERATING FACILITY ADJACENT TO BLYTHE ENERGY PROJECT PHASE I. IT WILL HAVE TWO SEIMENS WESTINGHOUSE CGTS WITH DRY LOW-NOX COMBUSTERS, TWO HRSGs WITH DUCT BURNERS, ONE STEAM TURBINE, CONDENERS AND A COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	520	MW	0.5	GRAIN/100 CF GAS	
MN-0053	FAIRBAULT ENERGY PARK	MN MUNICIPAL POWER AGENCY	MN	LARGE COMBUSTION TURBINE ELECTRIC POWER PLANT - INITIAL OPERATION IN SIMPLE CYCLE AND CONVERSION TO COMBINED CYCLE IN THE FUTURE.	TURBINE, COMBINED CYCLE, NATURAL GAS (1)	15.21	NATURAL GAS	1876	MMBTU/H	0.8	GR/SCF	Annual
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE, 2 EACH	15.21	NATURAL GAS	1916	MMBTU/H	0.8	GR/100SCF	Annual
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	SUMAS ENERGY 2 GENERATION FACILITY	WA		TURBINES, COMBINED CYCLE, (2)	15.21	NATURAL GAS	660	MW	1	PPMVD	1 hr
CA-0997	SACRAMENTO MUNICIPAL UTILITY DISTRICT	SACRAMENTO MUNICIPAL UTILITY DISTRICT	CA	COMBUSTION GAS TURBINE GE 7FA	GAS TURBINES, (2)	15.21	NATURAL GAS	1611	MMBTU/H	1	GR/100 SCF	
NV-0033	EL DORADO ENERGY, LLC	EL DORADO ENERGY, LLC	NV	THE FACILITY CONSIST OF TWO COMBUSTION TURBINE GENERATORS (CTGS) TWO HEAT RECOVERY STEAM GENERATORS (HRSGS) AND ONE STEAM TURBINE GENERATOR. THE FACILITY IS LOCATED IN AN ATTAINMENT AREA FOR ALL CRITERIA AIR POLLUTANTS. INSIGNIFICAN EMISSION UNITS INCLUDE A 140 HP EMERGENCY FIRE - WATER PUMP AND A WET SURFACE AIR COOLER.	COMBUSTION TURBINE, COMBINED CYCLE & COGEN(2)	15.21	NATURAL GAS	475	MW	1.03	LB/H	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-001 GEN. ELEC. COMBUST. TURBINE	15.21	NATURAL GAS	230	MW	1.38	LB/H	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-002 GEN ELEC. COMB. TURBINE	15.21		230	MW	1.38	LB/H	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-003 GEN. ELEC COMB TURBINES	15.21		230	MW	1.38	LB/H	
NV-0038	IVANPAH ENERGY CENTER, L.P.	IVANPAH ENERGY CENTER, L.P.	NV	A 500 MW ELECTRICAL GENERATING PLANT CONSISTING OF TWO COMBUSTION TURBINE GENERATORS, TWO HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR. THE PROPOSED PLANT IS SURROUNDED BY UNOCCUPIED LAND FOR A DISTANCE OF AT LEAST TWO MILES IN ALL DIRECTIONS. THE UN-IMPROVED ACCESS ROAD TO THE PROPOSED PLANT SITE IS ABOUT 1.6 MILES IN LENGTH.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	500	MW	1.55	LB/H	
VA-0289	DUKE ENERGY WYTHE, LLC	DUKE ENERGY WYTHE, LLC	VA	POWER PLANT	TURBINE, COMBINED CYCLE, NATURAL GAS	15.21	NATURAL GAS	170	MW	1.74	LB/H	

Table G.2-3
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for SO_2

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRUPUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
FL-0265	HINES POWER BLOCK 4	PROGRESS ENERGY	FL	COMBINED CYCLE POWER PLANT. THIS IS THE 4TH BLOCK OF POWER ADDED, MAKING THE TOTAL GENERATING CAPACITY OF THE FACILITY APPROXIMATELY 2090 MW.	COMBINED CYCLE TURBINE	15.21	NATURAL GAS	530	MW	2	GRAIN/100 CF GAS	
FL-0263	FPL TURKEY POINT POWER PLANT	FLORIDA POWER AND LIGHT	FL	RESPECTIVELY."	170 MW COMBUSTION TURBINE, 4 UNITS	15.21	NATURAL GAS	170	MW	2	GR S/100 SCF GAS	
FL-0245	FPL MANATEE PLANT - UNIT 3	FLORIDA POWER & LIGHT	FL	EXISTING POWER PLANT	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	170	MW	2	GR/100 SCF	
VA-0289	DUKE ENERGY WYTHE, LLC	DUKE ENERGY WYTHE, LLC	VA	POWER PLANT	TURBINE, COMBINED CYCLE, DUCT BURNER, NATURAL GAS	15.21	NATURAL GAS	170	MW	2.08	LB/H	
NV-0037	COPPER MOUNTAIN POWER	SEMPRA ENERGY RESOURCES	NV	A 600 MW COMBINED CYCLE ELECTRICAL GENERATION FACILITY CONSISTING OF TWO COMBUSTION TURBINE GENERATORS WITH HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR, AND ONE AUXILIARY BOILER.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	600	MW	5.1	LB/H	
MI-0357	KALKASKA GENERATING, INC	KALKASKA GENERATING LLC	MI	ELECTRICAL POWER PRODUCTION FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	605	MW	5.2	LB/H	
LA-0192	CRESCENT CITY POWER	CRESENT CITY POWER, LLC	LA	NEW 600 MW NATURAL GAS-FIRED COMBINED CYCLE POWER PLANT	GAS TURBINES - 187 MW (2)	15.21		2006	MMBTU/H	10.1	LB/H	1 hr
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	172	MW	11	LB/H	
MD-0032	DICKERSON	MIRANT MID-ATLANTIC, LLC	MD	PROJECT IS TO CONVERT EXISTING SIMPLE CYCLE CTS TO COMBINED CYCLE OPERATION, WITH INSTALLATION OF HRSGS AND STEAM TURBINE; AND CONSTRUCTION OF A NEW SIMILAR COMBINED CYCLE UNIT, PERMIT INCLUDES LIMITS FOR BOTH COMBINED AND SIMPLE CYCLE OPERATION AND WITH AND WITHOUT DUCT FIRING	UNIT 4 -GE FRAME 7F COMB. TURBINES W/ HRSG - NG CC	15.21	NATURAL GAS	196	MW	11	LB/H	3 hr
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	170	MW	11.2	LB/H	
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS,DUCT BURNER	15.21	NATURAL GAS	1973	MMBTU/H	11.3	LB/H	
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS	15.21	NATURAL GAS	1973	MMBTU/H	11.4	LB/H	
MD-0032	DICKERSON	MIRANT MID-ATLANTIC, LLC	MD	PROJECT IS TO CONVERT EXISTING SIMPLE CYCLE CTS TO COMBINED CYCLE OPERATION, WITH INSTALLATION OF HRSGS AND STEAM TURBINE; AND CONSTRUCTION OF A NEW SIMILAR COMBINED CYCLE UNIT, PERMIT INCLUDES LIMITS FOR BOTH COMBINED AND SIMPLE CYCLE OPERATION AND WITH AND WITHOUT DUCT FIRING	UNIT 5 -GE FRAME 7F COMB. TURBINES W/ HRSG - NG CC	15.21	NATURAL GAS	196	MW	12	LB/H	3 hr

Table G.2-3
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for SO_2

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRUPUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
TX-0374	CHOCOLATE BAYOU PLANT	BP AMOCO CHEMICAL CO	TX	BP AMOCO PROPOSES TO CONSTRUCT A GAS- FIRED STEAM AND ELECTRIC GENERATING FACILITY. THE PROPOSED PROJECT WILL BE CALLED THE GREEN POWER UNIT ONE. THE PROJECT WILL CONSIST OF TWO DUAL SHAFT GAS-FIRED ELECTRIC GENERATING TURBINES EACH RATED AT APPROX. 35 MW (BASE LOAD), EACH TURBINE WILL HAVE A HEAT RECOVERY STEAM GENERATOR (HRSG) EQUIPPED WITH 312 MMBTU/H DUCT BURNERS. GREEN POWER UNIT ONE WILL BE CAPABLE OF PRODUCING AN ESTIMATED NOMINAL 70 MW OF ELECTRICITY. STEAM PRODUCED IN THE HRSGS WILL BE USED IN THE CHOCOLATE BAYOU WORKS CHEMICAL COMPLEX. THE CHEMICAL COMPLEX WILL CONSUME APPROX. HALF OF THE ELECTRICAL OUTPUT PRODUCED BY THE TWO NEW TURBINES. EXCESS POWER PRODUCED BY THE COMBUSTION TURBINES WILL BE SOLD TO THE GRID. THE COMBUSTION TURBINES WILL ONLY BURN PIPELINE QUALITY SWEET NAT GAS. THE DUCT BURNERS WILL BURN NAT GAS, COMPLEX GAS, OR MIXTURES OF NAT GAS AND COMPLEX GAS.	(2) COGENERATION TRAINS 2 & 3, GT-2 & 3	15.21	NAT GAS	70	MW, TOTAL	12.66	LB/H	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	172	MW	14.4	LB/H	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	170	MW	14.5	LB/H	
MI-0365	MIRANT WYANDOTTE LLC	MIRANT WYANDOTTE LLC	MI	COMBINED CYCLE POWER PLANT.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	2200	MMBTU/H	53.4	T/YR	
MI-0363	BLUEWATER ENERGY CENTER LLC	BLUEWATER ENERGY CENTER LLC	MI	COMBINED CYCLE ELECTRIC GENERATING POWER PLANT.	TURBINE, COMBINED CYCLE, (3)	15.21	NATURAL GAS	180	MW	177	T/YR	

Table G.2-4
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for NH_3

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
MI-0361	SOUTH SHORE POWER LLC	SOUTH SHORE POWER LLC	MI	ELECTRIC POWER GENERATING FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	172	MW	3.3	T/YR	
*OR-0041	WANAPA ENERGY CENTER	DIAMOND WANAPA I, L.P.	OR	A 1,200 MW NATURAL GAS-FIRED COMBINED CYCLE COMBUSTION TURBINE PROJECT EMPLOYING A WATER-COOLED STEAM CONDENSING SYSTEM. FOUR COMBUSTION TURBINES, FOUR HEAT RECOVERY STEAM GENERATORS, TWO STEAM TURBINES, AND TWO COOLING TOWERS EMPLOYED.	COMBUSTION TURBINE & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	2384	MMBTU/H	5	PPMDV @ 15% O2	3 hr
FL-0263	FPL TURKEY POINT POWER PLANT	FLORIDA POWER AND LIGHT	FL	RESPECTIVELY."	170 MW COMBUSTION TURBINE, 4 UNITS	15.21	NATURAL GAS	170	MW	5	PPMVD @ 15% O2	
*WA-0328	BP CHERRY POINT COGENERATIO N PROJECT	BP WEST COAST PRODUCTS, LLC	WA	720 MW NATURAL GAS-FIRED COMBINED CYCLE COMBUSTION TURBINE COGENERATION FACILITY ADJACENT TO BP CHERRY POINT PETROEUM REFINERY. THE FACILITY WILL EMPLOY THREE COMBUSTION TURBINES AND HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE, AND A WATER-COOLED STEAM CONDENSING SYSTEM WITH ONE COOLING TOWER.	GE 7FA COMBUSTION TURBINE & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	174	MW	5	PPMDV	3 hr
OR-0039	COB ENERGY FACILITY, LLC	Peoples Energy Resources	OR	POWER GENERATION FACILITY	TURBINE, COMBINED CYCLE, DUCT BURNER, NAT GAS, (4)	15.21	NATURAL GAS	1150	MW	5	PPMVD @ 15% O2	3 hr
FL-0256	HINES ENERGY COMPLEX, POWER BLOCK 3	PROGRESS ENERGY FLORIDA	FL	POWER PLANT	COMBUSTION TURBINES, COMBINED CYCLE, NATURAL GAS,2	15.21	NATURAL GAS	1830	MMBTU/H	5	PPMVD @ 15% O2	
CA-1096	VERNON CITY LIGHT & POWER	VERNON CITY LIGHT & POWER	CA		GAS TURBINE: COMBINED CYCLE < 50 MW	15.21	NATURAL GAS	43	MW GAS TURBINE, 55 MW STEAM TURBINE	5	PPMVD@ 15%O2	1 hr
CA-1097	MAGNOLIA POWER PROJECT, SCPPA	MAGNOLIA POWER PROJECT, SCPPA	CA		GAS TURBINE: COMBINED CYCLE >= 50 MW	15.21	NATURAL GAS	181	NET MW (GAS TURBINE W/STEAM INJECTIO N)	5	PPMVD@ 15%O2	1 hr
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	SUMAS ENERGY 2 GENERATION FACILITY	WA		TURBINES, COMBINED CYCLE, (2)	15.21	NATURAL GAS	660	MW	5	PPMVD	1 hr
FL-0244	FPL MARTIN PLANT	FLORIDA POWER & LIGHT	FL	EXISTING POWER PLANT	TURBINE, COMBINED CYLE, NATURAL GAS, (4)	15.21	NATURAL GAS	170	MW	5	PPMVD @15% O2	
FL-0245	FPL MANATEE PLANT - UNIT 3	FLORIDA POWER & LIGHT	FL	EXISTING POWER PLANT	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	170	MW	5	PPMVD @ 15% O2	

Table G.2-4
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for NH_3

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
WA-0291	WALLULA POWER PLANT	WALLULA GENERATION, LLC	WA	WALLULA GENERATION, LLC, PROPOSES TO CONSTRUCT AND OPERATE A 1,300 MW COMBINED CYCLE ELECTRIC POWER PLANT. THE PROJECT WILL CONSIST OF TWO INDEPENDENT POWER BLOCKS WITH CRITICAL BACK-UP SYSTEMS TO MAINTAIN OVERALL PLANT RELIABILITY AND AVAILABILITY.	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	1300	MW	5	PPMDV @ 15% O2	24 hr
not listed	EL CENTRO UNIT 3 REPOWER PROJECT	IMPERIAL IRRIGATION DISTRICT	CA	128 MW, NATURAL GAS-FIRED COMBINED-CYCLE GENERATING FACILITY WITHIN CURRENT EL CENTRO GENERATING STATION, IN IMPERIAL COUNTY. IT WILL ADD A GE 7EA CTG WITH DRY LOW NOX COMBUSTERS AND ONE HRSG WITH DUCT BURNER TO EXISTING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	128	MW	5	PPMVD	1 hr
TX-0374	CHOCOLATE BAYOU PLANT	BP AMOCO CHEMICAL CO	TX	BP AMOCO PROPOSES TO CONSTRUCT A GAS- FIRED STEAM AND ELECTRIC GENERATING FACILITY. THE PROPOSED PROJECT WILL BE CALLED THE GREEN POWER UNIT ONE. THE PROJECT WILL CONSIST OF TWO DUAL SHAFT GAS-FIRED ELECTRIC GENERATING TURBINES EACH RATED AT APPROX. 35 MW (BASE LOAD), EACH TURBINE WILL HAVE A HEAT RECOVERY STEAM GENERATOR (HRSG) EQUIPPED WITH 312 MMBTU/H DUCT BURNERS. GREEN POWER UNIT ONE WILL BE CAPABLE OF PRODUCING AN ESTIMATED NOMINAL 70 MW OF ELECTRICITY. STEAM PRODUCED IN THE HRSGS WILL BE USED IN THE CHOCOLATE BAYOU WORKS CHEMICAL COMPLEX. THE CHEMICAL COMPLEX WILL CONSUME APPROX. HALF OF THE ELECTRICAL OUTPUT PRODUCED BY THE TWO NEW TURBINES. EXCESS POWER PRODUCED BY THE COMBUSTION TURBINES WILL BE SOLD TO THE GRID. THE COMBUSTION TURBINES WILL ONLY BURN PIPELINE QUALITY SWEET NAT GAS. THE DUCT BURNERS WILL BURN NAT GAS, COMPLEX GAS, OR MIXTURES OF NAT GAS AND COMPLEX GAS.	(2) COGENERATION TRAINS 2 & 3, GT-2 & 3	15.21	NAT GAS	70	MW, TOTAL	8.45	LB/H	
not listed	ROSEVILLE ENERGY PARK	ROSEVILLE ELECTRIC	CA	160 MW, NATURAL GAS-FIRED, COMBINED-CYCLE GENERATING FACILITY LOCATED WEST OF DOWNTOWN ROSEVILLE, IN PLACER COUNTY. IT WILL HAVE TWO GE LM6000 PC SPRINT OR ALSTOM GTX100 CTGs, EQUIPPED WITH WATER INJECTION (LM6000) OR DRY LOW-NOx COMBUSTERS (GTX100), TWO HRSGs WITH DUCT BURNERS, ONE STEAM TURBINE, CONDENSERS AND A MECHANICAL DRAFT COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	160	MW	10	PPMVD	1 hr
not listed	BLYTHE ENERGY PROJECT, PHASE II	CAITHNESS BLYTHE II, LLC	CA	520 MW NATURAL GAS-FIRED COMBINED-CYCLE GENERATING FACILITY ADJACENT TO BLYTHE ENERGY PROJECT PHASE I. IT WILL HAVE TWO SEIMENS WESTINGHOUSE CGTS WITH DRY LOW-NOX COMBUSTERS, TWO HRSGs WITH DUCT BURNERS, ONE STEAM TURBINE, CONDENERS AND A COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	520	MW	10	PPMVD	1 hr

Table G.2-4
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for NH_3

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
CEC DECISION PENDING	LOS ESTEROS CRITICAL ENERGY FACILITY, PHASE II	LOS ESTEROS CRITICAL ENERGY FACILITY, LLC	CA	CONVERSION OF EXISTING 180 MW SIMPLE-CYCLE POWER PLANT TO A 320 MW COMBINED-CYCLE PLANT WITH ADDITION OF FOUR HRSGs WITH DUCT BURNERS, STEAM TURBINE, CONDENSERS AND A COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	320	MW	10	PPMVD	1 hr
MI-0366	BERRIEN ENERGY, LLC	BERRIEN ENERGY, LLC	MI	ELECTRIC POWER GENERATING FACILITY.	3 COMBUSTION TURBINES AND DUCT BURNERS	15.21	NATURAL GAS	1584	MMBTU/H	10	PPM	
NV-0033	EL DORADO ENERGY, LLC	EL DORADO ENERGY, LLC	NV	THE FACILITY CONSIST OF TWO COMBUSTION TURBINE GENERATORS (CTGS) TWO HEAT RECOVERY STEAM GENERATORS (HRSGS) AND ONE STEAM TURBINE GENERATOR. THE FACILITY IS LOCATED IN AN ATTAINMENT AREA FOR ALL CRITERIA AIR POLLUTANTS. INSIGNIFICAN EMISSION UNITS INCLUDE A 140 HP EMERGENCY FIRE -WATER PUMP AND A WET SURFACE AIR COOLER.	COMBUSTION TURBINE, COMBINED CYCLE & COGEN(2)	15.21	NATURAL GAS	475	MW	10	PPM @ 15% O2	
NV-0037	COPPER MOUNTAIN POWER	SEMPRA ENERGY RESOURCES	NV	A 600 MW COMBINED CYCLE ELECTRICAL GENERATION FACILITY CONSISTING OF TWO COMBUSTION TURBINE GENERATORS WITH HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR, AND ONE AUXILIARY BOILER.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	600	MW	10	PPMVD	3 hr
NV-0038	IVANPAH ENERGY CENTER, L.P.	IVANPAH ENERGY CENTER, L.P.	NV	A 500 MW ELECTRICAL GENERATING PLANT CONSISTING OF TWO COMBUSTION TURBINE GENERATORS, TWO HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR. THE PROPOSED PLANT IS SURROUNDED BY UNOCCUPIED LAND FOR A DISTANCE OF AT LEAST TWO MILES IN ALL DIRECTIONS. THE UN-IMPROVED ACCESS ROAD TO THE PROPOSED PLANT SITE IS ABOUT 1.6 MILES IN LENGTH.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	500	MW	10	PPMVD	1 hr
OR-0040	KLAMATH GENERATION, LLC	KLAMATH GENERATION, LLC	OR	POWER GENERATION FACILITY	TURBINE, COMBINED CYCLE, DUCT BURNER, NAT GAS (2)	15.21	NATURAL GAS	480	MW	10	PPMVD @ 15% O2	3 hr
MI-0357	KALKASKA GENERATING, INC	KALKASKA GENERATING LLC	MI	ELECTRICAL POWER PRODUCTION FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	605	MW	10	PPM	
MI-0365	MIRANT WYANDOTTE LLC	MIRANT WYANDOTTE LLC	MI	COMBINED CYCLE POWER PLANT.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	2200	MMBTU/H	10	PPM	
MI-0363	BLUEWATER ENERGY CENTER LLC	BLUEWATER ENERGY CENTER LLC	MI	COMBINED CYCLE ELECTRIC GENERATING POWER PLANT.	TURBINE, COMBINED CYCLE, (3)	15.21	NATURAL GAS	180	MW	10	PPMVD	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	170	MW	26.6	LB/H	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	172	MW	28	LB/H	

Table G.2-4
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for NH_3

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	EMIS LIMIT1	EMIS LIMIT1 UNIT	EMIS LIMIT1 AVG TIME CONDITION
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	170	MW	34.6	LB/H	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	172	MW	37.8	LB/H	

Table G.2-5
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for NO_x

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPU TUNIT	STD EMISS LIMIT	STD UNIT LIMIT	STD LIMIT AVG TIME CONDITION
NV-0035	TRACY SUBSTATION EXPANSION PROJECT	SIERRA PACIFIC POWER COMPANY	NV	2 - NATURAL GAS FIRED COMBINED CYCLE COMBUSTION TURBINE GENERATORS WITH HRSG"S AND DUCT BURNERS. 2 - NATURAL GAS FIRED FUEL PREHEATERS. 1 - NATURAL GAS FIRED AUXILIARY BOILER	TURBINE, COMBINED CYCLE COMBUSTION #1 WITH HRSG AND DUCT BURNER.	15.21	NATURAL GAS	306	MW	2	PPM @ 15% O2	
NV-0035	TRACY SUBSTATION EXPANSION PROJECT	SIERRA PACIFIC POWER COMPANY	NV	2 - NATURAL GAS FIRED COMBINED CYCLE COMBUSTION TURBINE GENERATORS WITH HRSG"S AND DUCT BURNERS. 2 - NATURAL GAS FIRED FUEL PREHEATERS. 1 - NATURAL GAS FIRED AUXILIARY BOILER	TURBINE, COMBINED CYCLE COMBUSTION #2 WITH HRSG AND DUCT BURNER.	15.21	NATURAL GAS	306	MW	2	PPM @ 15% O2	
*OR-0041	WANAPA ENERGY CENTER	DIAMOND WANAPA I, L.P.	OR	A 1,200 MW NATURAL GAS-FIRED COMBINED CYCLE COMBUSTION TURBINE PROJECT EMPLOYING A WATER-COOLED STEAM CONDENSING SYSTEM. FOUR COMBUSTION TURBINES, FOUR HEAT RECOVERY STEAM GENERATORS, TWO STEAM TURBINES, AND TWO COOLING TOWERS EMPLOYED.	COMBUSTION TURBINE & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	2384	MMBTU/H	2	PPM @ 15% O2	
FL-0263	FPL TURKEY POINT POWER PLANT	FLORIDA POWER AND LIGHT	FL	RESPECTIVELY."	170 MW COMBUSTION TURBINE, 4 UNITS	15.21	NATURAL GAS	170	MW	2	PPM @ 15 % O2	
AZ-0047	WELLTON MOHAWK GENERATING STATION	DOME VALLEY ENERGY PARTNERS	AZ	COMBINED CYCLE GAS-FIRED ELECTRICITY GENERATING STATION	COMBUSTION TURBINE GENERATORS AND HEAT RECOVERY STEAM GENERATORS - GE7FA TURBINES OPTION	15.21	NATURAL GAS	170	MW	2	PPM AT 15% O2	
AZ-0047	WELLTON MOHAWK GENERATING STATION	DOME VALLEY ENERGY PARTNERS	AZ	COMBINED CYCLE GAS-FIRED ELECTRICITY GENERATING STATION	COMBUSTION TURBINE GENERATORS AND HEAT RECOVERY STEAM GENERATORS - SW501F TURBINES OPTION	15.21	NATURAL GAS	180	MW	2	PPM @ 15% O2	
VA-0291	CPV WARREN LLC	CPV WARREN LLC	VA	COMBINED CYCLE POWER GENERATION	TURBINE, COMBINED CYCLE (2)	15.21	NATURAL GAS	1717	mmbtu/h	2	PPM @ 15% O2	
NV-0037	COPPER MOUNTAIN POWER	SEMPRA ENERGY RESOURCES	NV	A 600 MW COMBINED CYCLE ELECTRICAL GENERATION FACILITY CONSISTING OF TWO COMBUSTION TURBINE GENERATORS WITH HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR, AND ONE AUXILIARY BOILER.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	600	MW	2	PPM @ 15% O2	3 hr
NV-0038	IVANPAH ENERGY CENTER, L.P.	IVANPAH ENERGY CENTER, L.P.	NV	A 500 MW ELECTRICAL GENERATING PLANT CONSISTING OF TWO COMBUSTION TURBINE GENERATORS, TWO HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR. THE PROPOSED PLANT IS SURROUNDED BY UNOCCUPIED LAND FOR A DISTANCE OF AT LEAST TWO MILES IN ALL DIRECTIONS. THE UN-IMPROVED ACCESS ROAD TO THE PROPOSED PLANT SITE IS ABOUT 1.6 MILES IN LENGTH.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	500	MW	2	PPM@ 15% O2	1 hr
AZ-0043	DUKE ENERGY ARLINGTON VALLEY (AVEFII)	DUKE ENERGY ARLINGTON VALLEY	AZ	POWER PLANT	TURBINE, COMBINED CYCLE & DUCT BURNER	15.21	NATURAL GAS	325	MW	2	PPM @ 15% O2	
AZ-0043	DUKE ENERGY ARLINGTON VALLEY (AVEFII)	DUKE ENERGY ARLINGTON VALLEY	AZ	POWER PLANT	TURBINE, COMBINED CYCLE	15.21	NATURAL GAS	325	MW	2	PPM @ 15% O2	
*AZ-0049	LA PAZ GENERATING FACILITY	ALLEGHENY ENERGY SUPPLY LLC	AZ	NATURAL GAS FIRED, COMBINED CYCLE GENERATING STATION	GE COMBUSTION TURBINES AND HEAT RECOVERY STEAM GENERATORS	15.21	NATURAL GAS	1040	MW	2	PPM @ 15 O2	3 hr
CA-0997	SACRAMENTO MUNICIPAL UTILITY DISTRICT	SACRAMENTO MUNICIPAL UTILITY DISTRICT	CA	COMBUSTION GAS TURBINE GE 7FA	GAS TURBINES, (2)	15.21	NATURAL GAS	1611	MMBTU/H	2	PPM @ 15% O2	

Table G.2-5
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for NO_x

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	STD EMISS LIMIT	STD UNIT LIMIT	STD LIMIT AVG TIME CONDITION
CA-1096	VERNON CITY LIGHT & POWER	VERNON CITY LIGHT & POWER	CA		GAS TURBINE: COMBINED CYCLE < 50 MW	15.21	NATURAL GAS	43	MW GAS TURBINE, 55 MW STEAM TURBINE	2	PPM @ 15% O2	
CA-1097	MAGNOLIA POWER PROJECT, SCPPA	MAGNOLIA POWER PROJECT, SCPPA	CA		GAS TURBINE: COMBINED CYCLE >= 50 MW	15.21	NATURAL GAS	181	NET MW (GAS TURBINE W/STEAM INJECTION)	2	PPM @ 15% O2	3 hr
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	SUMAS ENERGY 2 GENERATION FACILITY	WA		TURBINES, COMBINED CYCLE, (2)	15.21	NATURAL GAS	660	MW	2	PPM @ 15% O2	
AZ-0039	SALT RIVER PROJECT/SANTAN GEN. PLANT	SALT RIVER PROJECT/SANTAN GEN. PLANT	AZ	POWER PLANT	TURBINE, COMBINED CYCLE, DUCT BURNER, NATURAL GAS	15.21	NATURAL GAS	175	MW	2	PPM @ 15% O2	
not listed	ROSEVILLE ENERGY PARK	ROSEVILLE ELECTRIC	CA	160 MW, NATURAL GAS-FIRED, COMBINED-CYCLE GENERATING FACILITY LOCATED WEST OF DOWNTOWN ROSEVILLE, IN PLACER COUNTY. IT WILL HAVE TWO GE LM6000 PC SPRINT OR ALSTOM GTX100 CTGs, EQUIPPED WITH WATER INJECTION (LM6000) OR DRY LOW-NOx COMBUSTERS (GTX100), TWO HRSGs WITH DUCT BURNERS, ONE STEAM TURBINE, CONDENSERS AND A MECHANICAL DRAFT COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	160	MW	2	PPMVD	1 hr
not listed	EL CENTRO UNIT 3 REPOWER PROJECT	IMPERIAL IRRIGATION DISTRICT	CA	128 MW, NATURAL GAS-FIRED COMBINED-CYCLE GENERATING FACILITY WITHIN CURRENT EL CENTRO GENERATING STATION, IN IMPERIAL COUNTY. IT WILL ADD A GE 7EA CTG WITH DRY LOW NOX COMBUSTERS AND ONE HRSG WITH DUCT BURNER TO EXISTING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	128	MW	2	PPMVD	1 hr
not listed	BLYTHE ENERGY PROJECT, PHASE II	CAITHNESS BLYTHE II, LLC	CA	520 MW NATURAL GAS-FIRED COMBINED-CYCLE GENERATING FACILITY ADJACENT TO BLYTHE ENERGY PROJECT PHASE I. IT WILL HAVE TWO SEIMENS WESTINGHOUSE CGTS WITH DRY LOW-NOX COMBUSTERS, TWO HRSGs WITH DUCT BURNERS, ONE STEAM TURBINE, CONDENERS AND A COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	520	MW	2	PPMVD	1 hr
CEC DECISION PENDING	LOS ESTEROS CRITICAL ENERGY FACILITY, PHASE II	LOS ESTEROS CRITICAL ENERGY FACILITY, LLC	CA	CONVERSION OF EXISTING 180 MW SIMPLE-CYCLE POWER PLANT TO A 320 MW COMBINED-CYCLE PLANT WITH ADDITION OF FOUR HRSGs WITH DUCT BURNERS, STEAM TURBINE, CONDENSERS AND A COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	320	MW	2	PPMVD	1 hr
CEC DECISION PENDING	SOUTH BAY REPLACEMENT PROJECT	LSP SOUTH BAY, LLC	CA	REPLACEMENT OF EXISTING FACILITY IN CHULA VISTA IN SAN DIEGO COUNTY WITH A 620 MW NATURAL GAS-FIRED COMBINED-CYCLE PLANT WITH TWO CTGs, TWO HRSGs AND DUCT BURNERS AND STEAM TURBINE	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	620	MW	2	PPMVD	1 hr
UT-0066	CURRANT CREEK	PACIFICORP	UT	POWER GENERATION PLANT WITH TWO NATURAL GAS COMBINED CYCLE TURBINES	NATURAL GAS FIRED TURBINES AND HEAT RECOVERY STEAM GENERATORS	15.21	NATURAL GAS			2.25	PPM @ 15% O2	3 hr
FL-0265	HINES POWER BLOCK 4	PROGRESS ENERGY	FL	COMBINED CYCLE POWER PLANT. THIS IS THE 4TH BLOCK OF POWER ADDED, MAKING THE TOTAL GENERATING CAPACITY OF THE FACILITY APPROXIMATELY 2090 MW.	COMBINED CYCLE TURBINE	15.21	NATURAL GAS	530	MW	2.5	PPM @ 15% O2	
MI-0366	BERRIEN ENERGY, LLC	BERRIEN ENERGY, LLC	MI	ELECTRIC POWER GENERATING FACILITY.	3 COMBUSTION TURBINES AND DUCT BURNERS	15.21	NATURAL GAS	1584	MMBTU/H	2.5	PPM @ 15% O2	
VA-0289	DUKE ENERGY WYTHE, LLC	DUKE ENERGY WYTHE, LLC	VA	POWER PLANT	TURBINE, COMBINED CYCLE, NATURAL GAS	15.21	NATURAL GAS	170	MW	2.5	PPM @ 15% O2	

Table G.2-5
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for NO_x

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPU TUNIT	STD EMISS LIMIT	STD UNIT LIMIT	STD LIMIT AVG TIME CONDITION
VA-0289	DUKE ENERGY WYTHE, LLC	DUKE ENERGY WYTHE, LLC	VA	POWER PLANT	TURBINE, COMBINED CYCLE, DUCT BURNER, NATURAL GAS	15.21	NATURAL GAS	170	MW	2.5	PPM @ 15% O2	
OR-0039	COB ENERGY FACILITY, LLC	Peoples Energy Resources	OR	POWER GENERATION FACILITY	TURBINE, COMBINED CYCLE, DUCT BURNER, NAT GAS, (4)	15.21	NATURAL GAS	1150	MW	2.5	PPM @ 15% O2	
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS	15.21	NATURAL GAS	1973	MMBTU/H	2.5	PPM @ 15% O2	
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS,DUCT BURNER	15.21	NATURAL GAS	1973	MMBTU/H	2.5	PPM @ 15% O2	
FL-0256	HINES ENERGY COMPLEX, POWER BLOCK 3	PROGRESS ENERGY FLORIDA	FL	POWER PLANT	COMBUSTION TURBINES, COMBINED CYCLE, NATURAL GAS,2	15.21	NATURAL GAS	1830	MMBTU/H	2.5	PPMVD @15% O2	
GA-0105	MCINTOSH COMBINED CYCLE FACILITY	SAVANNAH ELECTRIC AND POWER CO	GA	ELECTRIC GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS, (4)	15.21	NATURAL GAS	140	MW	2.5	PPM @ 15% O2	
FL-0244	FPL MARTIN PLANT	FLORIDA POWER & LIGHT	FL	EXISTING POWER PLANT	TURBINE, COMBINED CYLE, NATURAL GAS, (4)	15.21	NATURAL GAS	170	MW	2.5	PPM @ 15% O2	
FL-0244	FPL MARTIN PLANT	FLORIDA POWER & LIGHT	FL	EXISTING POWER PLANT	TURBINE, COMBINED CYCLE WITH DUCT BURNER, NAT GAS	15.21	NATURAL GAS	170	MW	2.5	PPM @ 15% O2	
FL-0245	FPL MANATEE PLANT - UNIT 3	FLORIDA POWER & LIGHT	FL	EXISTING POWER PLANT	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	170	MW	2.5	PPM @ 15% O2	24 hr
WY-0061	BLACK HILLS CORP./NEIL SIMPSON TWO	BLACK HILLS CORP.	WY	STEAM ELECTRIC GENERATING PLANT	TURBINE, COMBINED CYCLE, & DUCT BURNER	15.21	NATURAL GAS	40	MW	2.5	PPM @ 15% O2	
OR-0040	KLAMATH GENERATION, LLC	KLAMATH GENERATION, LLC	OR	POWER GENERATION FACILITY	TURBINE, COMBINED CYCLE, DUCT BURNER, NAT GAS (2)	15.21	NATURAL GAS	480	MW	2.5	PPM @ 15% O2	
WA-0291	WALLULA POWER PLANT	WALLULA GENERATION, LLC	WA	WALLULA GENERATION, LLC, PROPOSES TO CONSTRUCT AND OPERATE A 1,300 MW COMBINED CYCLE ELECTRIC POWER PLANT. THE PROJECT WILL CONSIST OF TWO INDEPENDENT POWER BLOCKS WITH CRITICAL BACK-UP SYSTEMS TO MAINTAIN OVERALL PLANT RELIABILITY AND AVAILABILITY.	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	1300	MW	2.5	PPM @ 15% O2	
MN-0053	FAIRBAULT ENERGY PARK	MN MUNICIPAL POWER AGENCY	MN	LARGE COMBUSTION TURBINE ELECTRIC POWER PLANT - INITIAL OPERATION IN SIMPLE CYCLE AND CONVERSION TO COMBINED CYCLE IN THE FUTURE.	TURBINE, COMBINED CYCLE, NATURAL GAS (1)	15.21	NATURAL GAS	1876	MMBTU/H	3	PPMVD @ 15% 02	3 hr
MI-0357	KALKASKA GENERATING, INC	KALKASKA GENERATING LLC	MI	ELECTRICAL POWER PRODUCTION FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	605	MW	3	PPM @ 15% O2	
MI-0361	SOUTH SHORE POWER LLC	SOUTH SHORE POWER LLC	MI	ELECTRIC POWER GENERATING FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	172	MW	3	PPM @ 15% O2	
CO-0056	ROCKY MOUNTAIN ENERGY CENTER, LLC	CALPINE CORP.	CO	NATURAL GAS-FIRED, COMBINED-CYCLE COMBUSTION TURBINES.	NATURAL-GAS FIRED, COMBINED-CYCLE TURBINE	15.21	NATURAL GAS	300	MW	3	PPM @ 15% O2	
NC-0101	FORSYTH ENERGY PLANT	FORSYTH ENERGY PROJECTS, LLC	NC	THREE COMBINED-CYCLE COMBUSTION TURBINE GENERATORS, EACH WITH A HEAT RECOVERY STEAM GENERATORS (HRSG) ALONG WITH NATURAL GAS-FIRED DUCT BURNERS TO MEET PEAK DEMAND. THE STEAM GENERATED THROUGH THE THREE HRSGS WILL DRIVE A STEAM TURBINE. THE ENTIRE PLANT WILL BE CAPABLE OF GENERATING A NOMINAL POWER OUTPUT OF 812 MEGAWATTS.	TURBINE, COMBINED CYCLE, NATURAL GAS, (3)	15.21	NATURAL GAS	1844	MMBTU/H	3	PPM @ 15% O2	
LA-0192	CRESCENT CITY POWER	CRESENT CITY POWER, LLC	LA	NEW 600 MW NATURAL GAS-FIRED COMBINED CYCLE POWER PLANT	GAS TURBINES - 187 MW (2)	15.21		2006	MMBTU/H	3	PPM	Annual

Table G.2-5
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for NO_x

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPU TUNIT	STD EMISS LIMIT	STD UNIT LIMIT	STD LIMIT AVG TIME CONDITION
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	172	MW	3	PPM @ 15% O2	3 hr
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	172	MW	3	PPM @ 15% O2	3 hr
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE, 2 EACH	15.21	NATURAL GAS	1916	MMBTU/H	3	PPM @ 15% O2	
TX-0374	CHOCOLATE BAYOU PLANT	BP AMOCO CHEMICAL CO	TX	BP AMOCO PROPOSES TO CONSTRUCT A GAS- FIRED STEAM AND ELECTRIC GENERATING FACILITY. THE PROPOSED PROJECT WILL BE CALLED THE GREEN POWER UNIT ONE. THE PROJECT WILL CONSIST OF TWO DUAL SHAFT GAS-FIRED ELECTRIC GENERATING TURBINES EACH RATED AT APPROX. 35 MW (BASE LOAD), EACH TURBINE WILL HAVE A HEAT RECOVERY STEAM GENERATOR (HRSG) EQUIPPED WITH 312 MMBTU/H DUCT BURNERS. GREEN POWER UNIT ONE WILL BE CAPABLE OF PRODUCING AN ESTIMATED NOMINAL 70 MW OF ELECTRICITY. STEAM PRODUCED IN THE HRSGS WILL BE USED IN THE CHOCOLATE BAYOU WORKS CHEMICAL COMPLEX. THE CHEMICAL COMPLEX WILL CONSUME APPROX. HALF OF THE ELECTRICAL OUTPUT PRODUCED BY THE TWO NEW TURBINES. EXCESS POWER PRODUCED BY THE COMBUSTION TURBINES WILL BE SOLD TO THE GRID. THE COMBUSTION TURBINES WILL ONLY BURN PIPELINE QUALITY SWEET NAT GAS. THE DUCT BURNERS WILL BURN NAT GAS, COMPLEX GAS, OR MIXTURES OF NAT GAS AND COMPLEX GAS.	(2) COGENERATION TRAINS 2 & 3, GT-2 & 3	15.21	NAT GAS	70	MW, TOTAL	3.5	PPM @ 15% O2	
MI-0365	MIRANT WYANDOTTE LLC	MIRANT WYANDOTTE LLC	MI	COMBINED CYCLE POWER PLANT.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	2200	MMBTU/H	3.5	PPM @ 15% O2	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-001 GEN. ELEC. COMBUST. TURBINE	15.21	NATURAL GAS	230	MW	3.5	PPM @ 15% 02	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-002 GEN ELEC. COMB. TURBINE	15.21		230	MW	3.5	PPM @ 15% 02	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-003 GEN. ELEC COMB TURBINES	15.21		230	MW	3.5	PPM @ 15% 02	
*NE-0023	BEATRICE POWER STATION	NEBRASKA PUBLIC POWER DISTRICT	NE	PERMIT TO CONSTRUCT: 2-NG TURBINES, 250 MW TOTAL AND ONE AUX. BOILER, 73 MMBTU/HR, OIL FIRED	2-COMBUSTION TURBINES W/ DUCT BURNER	15.21	NATURAL GAS	250	MW	3.5	PPM @ 15% O2	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	170	MW	3.5	PPM @ 15% O2	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	170	MW	3.5	PPM @ 15% O2	

Table G.2-5
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for NO_x

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPU TUNIT	STD EMISS LIMIT	STD UNIT LIMIT	STD LIMIT AVG TIME CONDITION
OK-0096	REDBUD POWER PLANT	REDBUD ENERGY LP	OK	ELECTRICITY GENERATION	COMBUSTION TURBINE AND DUCT BURNERS	15.21	NATURAL GAS	1832	MMBTU/H	3.5	PPM @ 15% O2	
NE-0017	BEATRICE POWER STATION	NEBRASKA PUBLIC POWER DISTRICT	NE	ELECTRIC GENERATING FACILITY	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	80	MW	3.5	PPM @ 15% O2	24 hr
OK-0090	DUKE ENERGY STEPHENS, LLC STEPHENS ENERGY	DUKE ENERGY	OK	MERCHANT POWER PLANT - NOMINAL TOTAL OF 620 MW.	TURBINES, COMBINED CYCLE (2)	15.21	NATURAL GAS	1701	MMBTU/H	3.5	PPM @ 15% O2	
NV-0033	EL DORADO ENERGY, LLC	EL DORADO ENERGY, LLC	NV	THE FACILITY CONSIST OF TWO COMBUSTION TURBINE GENERATORS (CTGS) TWO HEAT RECOVERY STEAM GENERATORS (HRSGS) AND ONE STEAM TURBINE GENERATOR. THE FACILITY IS LOCATED IN AN ATTAINMENT AREA FOR ALL CRITERIA AIR POLLUTANTS. INSIGNIFICAN EMISSION UNITS INCLUDE A 140 HP EMERGENCY FIRE -WATER PUMP AND A WET SURFACE AIR COOLER.	COMBUSTION TURBINE, COMBINED CYCLE & COGEN(2)	15.21	NATURAL GAS	475	MW	3.7	PPM @ 15% O2	
MI-0363	BLUEWATER ENERGY CENTER LLC	BLUEWATER ENERGY CENTER LLC	MI	COMBINED CYCLE ELECTRIC GENERATING POWER PLANT.	TURBINE, COMBINED CYCLE, (3)	15.21	NATURAL GAS	180	MW	4.5	PPM @ 15% O2	
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE 2 EACH	15.21	NATURAL GAS	1827	MMBTU/H	5.5	PPM @ 15% O2	
MI-0362	MIDLAND COGENERATION (MCV)	MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP	MI	COGENERATION FACILITY TO PRODUCE STEAM AND ELECTRICITY.	TURBINE, COMBINED CYCLE, (1)	15.21	NATURAL GAS	984	MMBTU/H	25	PPM @ 15% O2	
MI-0362	MIDLAND COGENERATION (MCV)	MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP	MI	COGENERATION FACILITY TO PRODUCE STEAM AND ELECTRICITY.	TURBINE, COMBINED CYCLE, (11)	15.21	NATURAL GAS	984	MMBTU/H	42	PPM @ 15% O2	

Table G.2-6
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for CO

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	STD EMISS LIMIT	STD UNIT LIMIT	STD LIMIT AVG TIME CONDITION
VA-0291	CPV WARREN LLC	CPV WARREN LLC	VA	COMBINED CYCLE POWER GENERATION	TURBINE, COMBINED CYCLE (2)	15.21	NATURAL GAS	1717	mmbtu/h	1.3	PPM @ 15% O2	
VA-0291	CPV WARREN LLC	CPV WARREN LLC	VA	COMBINED CYCLE POWER GENERATION	TURBINE, COMBINED CYCLE AND DUCT BURNER (2)	15.21	NATURAL GAS	1717	mmbtu/h	1.8	PPM @ 15% O2	
*OR-0041	WANAPA ENERGY CENTER	DIAMOND WANAPA I, L.P.	OR	A 1,200 MW NATURAL GAS-FIRED COMBINED CYCLE COMBUSTION TURBINE PROJECT EMPLOYING A WATER-COOLED STEAM CONDENSING SYSTEM. FOUR COMBUSTION TURBINES, FOUR HEAT RECOVERY STEAM GENERATORS, TWO STEAM TURBINES, AND TWO COOLING TOWERS EMPLOYED.	COMBUSTION TURBINE & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	2384	MMBTU/H	2	PPM @ 15% O2	
MI-0366	BERRIEN ENERGY, LLC	BERRIEN ENERGY, LLC	MI	ELECTRIC POWER GENERATING FACILITY.	3 COMBUSTION TURBINES AND DUCT BURNERS	15.21	NATURAL GAS	1584	MMBTU/H	2	PPM @ 15% O2	
OR-0039	COB ENERGY FACILITY, LLC	Peoples Energy Resources	OR	POWER GENERATION FACILITY	TURBINE, COMBINED CYCLE, DUCT BURNER, NAT GAS, (4)	15.21	NATURAL GAS	1150	MW	2	PPM @ 15% O2	
AZ-0043	DUKE ENERGY ARLINGTON VALLEY (AVEFII)	DUKE ENERGY ARLINGTON VALLEY	AZ	POWER PLANT	TURBINE, COMBINED CYCLE	15.21	NATURAL GAS	325	MW	2	PPM @ 15% O2	
CA-1096	VERNON CITY LIGHT & POWER	VERNON CITY LIGHT & POWER	CA		GAS TURBINE: COMBINED CYCLE < 50 MW	15.21	NATURAL GAS	43	MW GAS TURBINE, 55 MW STEAM TURBINE	2	PPM @ 15% O2	
CA-1097	MAGNOLIA POWER PROJECT, SCPPA	MAGNOLIA POWER PROJECT, SCPPA	CA		GAS TURBINE: COMBINED CYCLE >= 50 MW	15.21	NATURAL GAS	181	NET MW (GAS TURBINE W/STEAM INJECTION)	2	PPM @ 15% O2	
GA-0105	MCINTOSH COMBINED CYCLE FACILITY	SAVANNAH ELECTRIC AND POWER CO	GA	ELECTRIC GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS, (4)	15.21	NATURAL GAS	140	MW	2	PPM @ 15% O2	
WA-0315	SUMAS ENERGY 2 GENERATION FACILITY	SUMAS ENERGY 2 GENERATION FACILITY	WA		TURBINES, COMBINED CYCLE, (2)	15.21	NATURAL GAS	660	MW	2	PPM @ 15% O2	
WA-0291	WALLULA POWER PLANT	WALLULA GENERATION, LLC	WA	WALLULA GENERATION, LLC, PROPOSES TO CONSTRUCT AND OPERATE A 1,300 MW COMBINED CYCLE ELECTRIC POWER PLANT. THE PROJECT WILL CONSIST OF TWO INDEPENDENT POWER BLOCKS WITH CRITICAL BACK-UP SYSTEMS TO MAINTAIN OVERALL PLANT RELIABILITY AND AVAILABILITY.	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	1300	MW	2	PPM @ 15% O2	
CEC DECISION PENDING	SOUTH BAY REPLACEMENT PROJECT	LSP SOUTH BAY, LLC	CA	REPLACEMENT OF EXISTING FACILITY IN CHULA VISTA IN SAN DIEGO COUNTY WITH A 620 MW NATURAL GAS-FIRED COMBINED-CYCLE PLANT WITH TWO CTGs, TWO HRSGs AND DUCT BURNERS AND STEAM TURBINE	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	620	MW	2	PPMVD	1 hr

Table G.2-6
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for CO

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	STD EMISS LIMIT	STD UNIT LIMIT	STD LIMIT AVG TIME CONDITION
CO-0056	ROCKY MOUNTAIN ENERGY CENTER, LLC	CALPINE CORP.	CO	NATURAL GAS-FIRED, COMBINED-CYCLE COMBUSTION TURBINES.	NATURAL-GAS FIRED, COMBINED-CYCLE TURBINE	15.21	NATURAL GAS	300	MW	3	PPM @ 15 O2	
AZ-0047	WELLTON MOHAWK GENERATING STATION	DOME VALLEY ENERGY PARTNERS	AZ	COMBINED CYCLE GAS-FIRED ELECTRICITY GENERATING STATION	COMBUSTION TURBINE GENERATORS AND HEAT RECOVERY STEAM GENERATORS - GE7FA TURBINES OPTION	15.21	NATURAL GAS	170	MW	3	PPM @ 15% O2	
AZ-0047	WELLTON MOHAWK GENERATING STATION	DOME VALLEY ENERGY PARTNERS	AZ	COMBINED CYCLE GAS-FIRED ELECTRICITY GENERATING STATION	COMBUSTION TURBINE GENERATORS AND HEAT RECOVERY STEAM GENERATORS - SW501F TURBINES OPTION	15.21	NATURAL GAS	180	MW	3	PPM @ 15% O2	
UT-0066	CURRANT CREEK	PACIFICORP	UT	POWER GENERATION PLANT WITH TWO NATURAL GAS COMBINED CYCLE TURBINES	NATURAL GAS FIRED TURBINES AND HEAT RECOVERY STEAM GENERATORS	15.21	NATURAL GAS			3	PPM @ 15% O2	3 hr
NV-0037	COPPER MOUNTAIN POWER	SEMPRA ENERGY RESOURCES	NV	A 600 MW COMBINED CYCLE ELECTRICAL GENERATION FACILITY CONSISTING OF TWO COMBUSTION TURBINE GENERATORS WITH HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR, AND ONE AUXILIARY BOILER.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	600	MW	3	PPM @ 15% O2	
AZ-0043	DUKE ENERGY ARLINGTON VALLEY (AVEFII)	DUKE ENERGY ARLINGTON VALLEY	AZ	POWER PLANT	TURBINE, COMBINED CYCLE & DUCT BURNER	15.21	NATURAL GAS	325	MW	3	PPM @ 15% O2	
*AZ-0049	LA PAZ GENERATING FACILITY	ALLEGHENY ENERGY SUPPLY LLC	AZ	NATURAL GAS FIRED, COMBINED CYCLE GENERATING STATION	GE COMBUSTION TURBINES AND HEAT RECOVERY STEAM GENERATORS	15.21	NATURAL GAS	1040	MW	3	PPM @ 15% O2	3 hr
NV-0035	TRACY SUBSTATION EXPANSION PROJECT	SIERRA PACIFIC POWER COMPANY	NV	2 - NATURAL GAS FIRED COMBINED CYCLE COMBUSTION TURBINE GENERATORS WITH HRSG"S AND DUCT BURNERS. 2 - NATURAL GAS FIRED FUEL PREHEATERS. 1 - NATURAL GAS FIRED AUXILIARY BOILER	TURBINE, COMBINED CYCLE COMBUSTION #1 WITH HRSG AND DUCT BURNER.	15.21	NATURAL GAS	306	MW	3.5	PPM @ 15% O2	
NV-0035	TRACY SUBSTATION EXPANSION PROJECT	SIERRA PACIFIC POWER COMPANY	NV	2 - NATURAL GAS FIRED COMBINED CYCLE COMBUSTION TURBINE GENERATORS WITH HRSG"S AND DUCT BURNERS. 2 - NATURAL GAS FIRED FUEL PREHEATERS. 1 - NATURAL GAS FIRED AUXILIARY BOILER	TURBINE, COMBINED CYCLE COMBUSTION #2 WITH HRSG AND DUCT BURNER.	15.21	NATURAL GAS	306	MW	3.5	PPM @ 15% O2	
NV-0033	EL DORADO ENERGY, LLC	EL DORADO ENERGY, LLC	NV	THE FACILITY CONSIST OF TWO COMBUSTION TURBINE GENERATORS (CTGS) TWO HEAT RECOVERY STEAM GENERATORS (HRSGS) AND ONE STEAM TURBINE GENERATOR. THE FACILITY IS LOCATED IN AN ATTAINMENT AREA FOR ALL CRITERIA AIR POLLUTANTS. INSIGNIFICAN EMISSION UNITS INCLUDE A 140 HP EMERGENCY FIRE -WATER PUMP AND A WET SURFACE AIR COOLER.	COMBUSTION TURBINE, COMBINED CYCLE & COGEN(2)	15.21	NATURAL GAS	475	MW	3.5	PPM @ 15% O2	

Table G.2-6
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for CO

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	STD EMISS LIMIT	STD UNIT LIMIT	STD LIMIT AVG TIME CONDITION
MI-0365	MIRANT WYANDOTTE LLC	MIRANT WYANDOTTE LLC	MI	COMBINED CYCLE POWER PLANT.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	2200	MMBTU/H	3.8	PPM @ 15% O2	
LA-0192	CRESCENT CITY POWER	CRESENT CITY POWER, LLC	LA	NEW 600 MW NATURAL GAS-FIRED COMBINED CYCLE POWER PLANT	GAS TURBINES - 187 MW (2)	15.21		2006	MMBTU/H	4	PPM @ 15%O2	Annual
NV-0038	IVANPAH ENERGY CENTER, L.P.	IVANPAH ENERGY CENTER, L.P.	NV	A 500 MW ELECTRICAL GENERATING PLANT CONSISTING OF TWO COMBUSTION TURBINE GENERATORS, TWO HEAT RECOVERY STEAM GENERATORS, ONE STEAM TURBINE GENERATOR. THE PROPOSED PLANT IS SURROUNDED BY UNOCCUPIED LAND FOR A DISTANCE OF AT LEAST TWO MILES IN ALL DIRECTIONS. THE UN-IMPROVED ACCESS ROAD TO THE PROPOSED PLANT SITE IS ABOUT 1.6 MILES IN LENGTH.	LARGE COMBUSTION TURBINES, COMBINED CYCLE & COGENERATION	15.21	NATURAL GAS	500	MW	4	PPM @ 15% O2	1 hr
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE, 2 EACH	15.21	NATURAL GAS	1916	MMBTU/H	4	PPM @ 15% O2	
CA-0997	SACRAMENTO MUNICIPAL UTILITY DISTRICT	SACRAMENTO MUNICIPAL UTILITY DISTRICT	CA	COMBUSTION GAS TURBINE GE 7FA	GAS TURBINES, (2)	15.21	NATURAL GAS	1611	MMBTU/H	4	PPM @ 15% O2	
MI-0361	SOUTH SHORE POWER LLC	SOUTH SHORE POWER LLC	MI	ELECTRIC POWER GENERATING FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	172	MW	4	PPM @ 15% O2	
not listed	ROSEVILLE ENERGY PARK	ROSEVILLE ELECTRIC	CA	160 MW, NATURAL GAS-FIRED, COMBINED-CYCLE GENERATING FACILITY LOCATED WEST OF DOWNTOWN ROSEVILLE, IN PLACER COUNTY. IT WILL HAVE TWO GE LM6000 PC SPRINT OR ALSTOM GTX100 CTGs, EQUIPPED WITH WATER INJECTION (LM6000) OR DRY LOW-NOx COMBUSTERS (GTX100), TWO HRSGs WITH DUCT BURNERS, ONE STEAM TURBINE, CONDENSERS AND A MECHANICAL DRAFT COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	160	MW	4	PPMVD	1 hr
not listed	EL CENTRO UNIT 3 REPOWER PROJECT	IMPERIAL IRRIGATION DISTRICT	CA	128 MW, NATURAL GAS-FIRED COMBINED-CYCLE GENERATING FACILITY WITHIN CURRENT EL CENTRO GENERATING STATION, IN IMPERIAL COUNTY. IT WILL ADD A GE 7EA CTG WITH DRY LOW NOX COMBUSTERS AND ONE HRSG WITH DUCT BURNER TO EXISTING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	128	MW	4	PPMVD	1 hr
not listed	BLYTHE ENERGY PROJECT, PHASE II	CAITHNESS BLYTHE II, LLC	CA	520 MW NATURAL GAS-FIRED COMBINED-CYCLE GENERATING FACILITY ADJACENT TO BLYTHE ENERGY PROJECT PHASE I. IT WILL HAVE TWO SEIMENS WESTINGHOUSE CGTS WITH DRY LOW-NOX COMBUSTERS, TWO HRSGs WITH DUCT BURNERS, ONE STEAM TURBINE, CONDENERS AND A COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	520	MW	4	PPMVD	1 hr

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Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for CO

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	STD EMISS LIMIT	STD UNIT LIMIT	STD LIMIT AVG TIME CONDITION
MN-0054	MANKATO ENERGY CENTER		MN	COMBINED CYCLE GAS TURBINE ELECTRIC POWER PLANT. TWO IDENTICAL GE FRAME F7A GAS TURBINES EACH WITH HRSG W/DUCT BURNERS FEEDING STEAM TO COMMON STEAM TURBINES. PRIMARY FUEL IS NG, NO. 2 VERY LOW SULFUR DISTILLATE OIL FOR BACKUP. ALSO, AUX. BOILER, DIESEL EMERGENCY GNERATOR, DIESEL FIRE PUMP, AND 900,000 GAL ABOVE GROUN OIL STORAGE TANK.	COMBUSTION TURBINE, LARGE 2 EACH	15.21	NATURAL GAS	1827	MMBTU/H	4.8	PPM @ 15% O2	
OR-0040	KLAMATH GENERATION, LLC	KLAMATH GENERATION, LLC	OR	POWER GENERATION FACILITY	TURBINE, COMBINED CYCLE, DUCT BURNER, NAT GAS (2)	15.21	NATURAL GAS	480	MW	5	PPM @ 15% O2	
MI-0357	KALKASKA GENERATING, INC	KALKASKA GENERATING LLC	MI	ELECTRICAL POWER PRODUCTION FACILITY.	TURBINE, COMBINED CYCLE, (2)	15.21	NATURAL GAS	605	MW	5	PPM @ 15% O2	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	172	MW	6	PPM @ 15% O2	24 hr
FL-0245	FPL MANATEE PLANT - UNIT 3	FLORIDA POWER & LIGHT	FL	EXISTING POWER PLANT	TURBINE, COMBINED CYCLE, NATURAL GAS (4)	15.21	NATURAL GAS	170	MW	7.4	PPM @ 15% O2	
FL-0263	FPL TURKEY POINT POWER PLANT	FLORIDA POWER AND LIGHT	FL	RESPECTIVELY."	170 MW COMBUSTION TURBINE, 4 UNITS	15.21	NATURAL GAS	170	MW	7.6	PPM @ 15 % O2	
FL-0265	HINES POWER BLOCK 4	PROGRESS ENERGY	FL	COMBINED CYCLE POWER PLANT. THIS IS THE 4TH BLOCK OF POWER ADDED, MAKING THE TOTAL GENERATING CAPACITY OF THE FACILITY APPROXIMATELY 2090 MW.	COMBINED CYCLE TURBINE	15.21	NATURAL GAS	530	MW	8	PPM @ 15% O2	
MI-0363	BLUEWATER ENERGY CENTER LLC	BLUEWATER ENERGY CENTER LLC	MI	COMBINED CYCLE ELECTRIC GENERATING POWER PLANT.	TURBINE, COMBINED CYCLE, (3)	15.21	NATURAL GAS	180	MW	8	PPM @ 15% O2	
OH-0252	DUKE ENERGY HANGING ROCK ENERGY FACILITY	DUKE ENERGY HANGING ROCK, LLC	OH	FOUR NATURAL GAS (NG) FIRED COMBUSTION TURBINES, WITH DUCT BURNERS; COMBINED CYCLE, EACH 172 MW	TURBINES (4) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	172	MW	9	PPM @ 15% O2	24 hr
VA-0289	DUKE ENERGY WYTHE, LLC	DUKE ENERGY WYTHE, LLC	VA	POWER PLANT	TURBINE, COMBINED CYCLE, NATURAL GAS	15.21	NATURAL GAS	170	MW	9	PPM @ 15% O2	
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS	15.21	NATURAL GAS	1973	MMBTU/H	9	PPM @ 15% O2	
CEC DECISION PENDING	LOS ESTEROS CRITICAL ENERGY FACILITY, PHASE II	LOS ESTEROS CRITICAL ENERGY FACILITY, LLC	CA	CONVERSION OF EXISTING 180 MW SIMPLE-CYCLE POWER PLANT TO A 320 MW COMBINED-CYCLE PLANT IN SANTA CLARA COUNTY WITH ADDITION OF FOUR HRSGs WITH DUCT BURNERS, STEAM TURBINE, CONDENSERS AND A COOLING TOWER	TURBINE, COMBINED CYCLE, NATURAL GAS & HEAT RECOVERY STEAM GENERATOR	15.21	NATURAL GAS	320	MW	9	PPMVD	1 hr
MN-0053	FAIRBAULT ENERGY PARK	MN MUNICIPAL POWER AGENCY	MN	LARGE COMBUSTION TURBINE ELECTRIC POWER PLANT - INITIAL OPERATION IN SIMPLE CYCLE AND CONVERSION TO COMBINED CYCLE IN THE FUTURE.	TURBINE, COMBINED CYCLE, NATURAL GAS (1)	15.21	NATURAL GAS	1876	MMBTU/H	10	PPMVD @ 15% O2	3 hr

Table G.2-6
Natural Gas Fired, Combined-Cycle Combustion Turbines > 25 MW 1/1/2003 - 12/30/2006,
Emission Limits for CO

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	STD EMISS LIMIT	STD UNIT LIMIT	STD LIMIT AVG TIME CONDITION
FL-0256	HINES ENERGY COMPLEX, POWER BLOCK 3	PROGRESS ENERGY FLORIDA	FL	POWER PLANT	COMBUSTION TURBINES, COMBINED CYCLE, NATURAL GAS,2	15.21	NATURAL GAS	1830	MMBTU/H	10	PPMVD @15% O2	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS OFF	15.21	NATURAL GAS	170	MW	10	PPM @ 15% O2	
FL-0244	FPL MARTIN PLANT	FLORIDA POWER & LIGHT	FL	EXISTING POWER PLANT	TURBINE, COMBINED CYLE, NATURAL GAS, (4)	15.21	NATURAL GAS	170	MW	10	PPM @ 15% O2	
OK-0090	DUKE ENERGY STEPHENS, LLC STEPHENS ENERGY	DUKE ENERGY	OK	MERCHANT POWER PLANT - NOMINAL TOTAL OF 620 MW.	TURBINES, COMBINED CYCLE (2)	15.21	NATURAL GAS	1701	MMBTU/H	10	PPM @ 15% O2	
NC-0101	FORSYTH ENERGY PLANT	FORSYTH ENERGY PROJECTS, LLC	NC	THREE COMBINED-CYCLE COMBUSTION TURBINE GENERATORS, EACH WITH A HEAT RECOVERY STEAM GENERATORS (HRSG) ALONG WITH NATURAL GAS-FIRED DUCT BURNERS TO MEET PEAK DEMAND. THE STEAM GENERATED THROUGH THE THREE HRSGS WILL DRIVE A STEAM TURBINE. THE ENTIRE PLANT WILL BE CAPABLE OF GENERATING A NOMINAL POWER OUTPUT OF 812 MEGAWATTS.	TURBINE, COMBINED CYCLE, NATURAL GAS, (3)	15.21	NATURAL GAS	1844	MMBTU/H	11.6	PPM @ 15% O2	
VA-0287	JAMES CITY ENERGY PARK	JAMES CITY ENERGY PARK LLC	VA	POWER GENERATING FACILITY	TURBINE, COMBINED CYCLE, NATURAL GAS,DUCT BURNER	15.21	NATURAL GAS	1973	MMBTU/H	12	PPM @ 15% O2	
MI-0362	MIDLAND COGENERATIO N (MCV)	MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP	MI	COGENERATION FACILITY TO PRODUCE STEAM AND ELECTRICITY.	TURBINE, COMBINED CYCLE, (11)	15.21	NATURAL GAS	984	MMBTU/H	12	PPM @ 15% O2	
MI-0362	MIDLAND COGENERATIO N (MCV)	MIDLAND COGENERATION VENTURE LIMITED PARTNERSHIP	MI	COGENERATION FACILITY TO PRODUCE STEAM AND ELECTRICITY.	TURBINE, COMBINED CYCLE, (1)	15.21	NATURAL GAS	984	MMBTU/H	12	PPM @ 15% O2	
OH-0254	DUKE ENERGY WASHINGTON COUNTY LLC	DUKE ENERGY NORTH AMERICA	OH	TWO 170 MW NATURAL GAS-FIRED COMBUSTION TURBINES, COMBINED CYCLE	TURBINES (2) (MODEL GE 7FA), DUCT BURNERS ON	15.21	NATURAL GAS	170	MW	14	PPM @ 15% O2	
VA-0289	DUKE ENERGY WYTHE, LLC	DUKE ENERGY WYTHE, LLC	VA	POWER PLANT	TURBINE, COMBINED CYCLE, DUCT BURNER, NATURAL GAS	15.21	NATURAL GAS	170	MW	14.6	PPM @ 15% O2	
OK-0096	REDBUD POWER PLANT	REDBUD ENERGY LP	OK	ELECTRICITY GENERATION	COMBUSTION TURBINE AND DUCT BURNERS	15.21	NATURAL GAS	1832	MMBTU/H	17.2	PPM @ 15% O2	
MN-0060	HIGH BRIDGE GENERATING PLANT	NORTHERN STATES POWER CO. DBA XCEL ENERGY	MN	EXISTING COAL-FIRED ELECTRIC UTILITY THAT WILL BE REPLACED BY NEW TWIN NATURAL GAS-FIRED COMBINED CYCLE COMBUSTION TURBINE.	2 COMBINED-CYCLE COMBUSTION TURBINES	15.21	NATURAL GAS ONLY	330	MEGAWA TTS	18	PPM @ 15% O2	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-001 GEN. ELEC. COMBUST. TURBINE	15.21	NATURAL GAS	230	MW	18	PPM @ 15% 02	
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-002 GEN ELEC. COMB. TURBINE	15.21		230	MW	18.36	PPM @ 15% 02	

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Emission Limits for CO

RBLCID	FACILITY NAME	CORPORATE OR COMPANY NAME	FACILITY STATE	FACILITY DESCRIPTION	PROCESS NAME	PROC TYPE	FUEL	THRU PUT	THRUPUT UNIT	STD EMISS LIMIT	STD UNIT LIMIT	STD LIMIT AVG TIME CONDITION
MS-0073	RELIANT ENERGY CHOCTAW COUNTY, LLC		MS	THREE GE COMBINE CYCLE TURBINED RATED @ 230 MEGAWATTS EACH WITH SCR FOR POLLUTION CONTROL	EMISSION POINT AA-003 GEN. ELEC COMB TURBINES	15.21		230	MW	18.36	PPM @ 15% 02	
TX-0374	CHOCOLATE BAYOU PLANT	BP AMOCO CHEMICAL CO	TX	BP AMOCO PROPOSES TO CONSTRUCT A GAS- FIRED STEAM AND ELECTRIC GENERATING FACILITY. THE PROPOSED PROJECT WILL BE CALLED THE GREEN POWER UNIT ONE. THE PROJECT WILL CONSIST OF TWO DUAL SHAFT GAS-FIRED ELECTRIC GENERATING TURBINES EACH RATED AT APPROX. 35 MW (BASE LOAD), EACH TURBINE WILL HAVE A HEAT RECOVERY STEAM GENERATOR (HRSG) EQUIPPED WITH 312 MMBTU/H DUCT BURNERS. GREEN POWER UNIT ONE WILL BE CAPABLE OF PRODUCING AN ESTIMATED NOMINAL 70 MW OF ELECTRICITY. STEAM PRODUCED IN THE HRSGS WILL BE USED IN THE CHOCOLATE BAYOU WORKS CHEMICAL COMPLEX. THE CHEMICAL COMPLEX WILL CONSUME APPROX. HALF OF THE ELECTRICAL OUTPUT PRODUCED BY THE TWO NEW TURBINES. EXCESS POWER PRODUCED BY THE COMBUSTION TURBINES WILL BE SOLD TO THE GRID. THE COMBUSTION TURBINES WILL ONLY BURN PIPELINE QUALITY SWEET NAT GAS. THE DUCT BURNERS WILL BURN NAT GAS, COMPLEX GAS, OR MIXTURES OF NAT GAS AND COMPLEX GAS.	(2) COGENERATION TRAINS 2 & 3, GT-2 & 3	15.21	NAT GAS	70	MW, TOTAL	24.4	PPM @ 15% O2S	Annual
NC-0101	FORSYTH ENERGY PLANT	FORSYTH ENERGY PROJECTS, LLC	NC	THREE COMBINED-CYCLE COMBUSTION TURBINE GENERATORS, EACH WITH A HEAT RECOVERY STEAM GENERATORS (HRSG) ALONG WITH NATURAL GAS-FIRED DUCT BURNERS TO MEET PEAK DEMAND. THE STEAM GENERATED THROUGH THE THREE HRSGS WILL DRIVE A STEAM TURBINE. THE ENTIRE PLANT WILL BE CAPABLE OF GENERATING A NOMINAL POWER OUTPUT OF 812 MEGAWATTS.	TURBINE & DUCT BURNER, COMBINED CYCLE, NAT GAS, 3	15.21	NATURAL GAS	1844	MMBTU/H	25.9	PPM @ 15% O2	
WY-0061	BLACK HILLS CORP./NEIL SIMPSON TWO	BLACK HILLS CORP.	WY	STEAM ELECTRIC GENERATING PLANT	TURBINE, COMBINED CYCLE, & DUCT BURNER	15.21	NATURAL GAS	40	MW	37.2	PPM @ 15% O2	

Appendix G.3

Construction Emissions

APPENDIX G.3

CONSTRUCTION EMISSIONS CALCULATIONS

During the construction of the Victorville 2 Hybrid Power Project, there will be emissions similar to those associated with any large industrial construction project. On-site emissions will arise primarily from heavy duty vehicles and equipment. On-site fugitive dust emissions will also be generated during site preparation and during construction. Off-site emissions will occur from construction worker vehicles and material delivery trucks. The construction related emissions are transient in nature and will cause some unavoidable but minor localized short-term impacts.

The Victorville 2 Hybrid Power Project will include construction of the combined cycle facility, the solar array facility, the reclaimed water supply pipeline, the sanitary wastewater sewer line, the natural gas supply pipeline, the backup water supply pipeline, and three segments of an electricity transmission line. The reclaimed water supply and sanitary waste sewer lines will be constructed in the same right-of-way, and the natural gas and backup water supply lines will be constructed in another right-of-way.

On-site and off-site emissions during each month of construction were calculated separately for the combined cycle facility, the solar array facility, the reclaimed water supply pipeline and sanitary waste sewer line (combined), and the natural gas and backup water supply pipelines (combined). Emissions during each week of construction of each of the three transmission line segments were also calculated.

G.3.1 EMISSION CALCULATION EQUATIONS

G.3.1.1 Construction Equipment Exhaust Emissions

The combustion of fuel to provide power for the operation of various construction activities and equipment results in the generation of CO, VOC NO_X, SO_X, PM10 and PM2.5 emissions. The following predictive emission equation was used to calculate exhaust emissions from each type of construction equipment:

$$\text{Exhaust Emissions}_{i,j}\ (\text{lb}) = EF_{C,i,j} \times T_{H,j} \qquad \text{(EQ. 1-1)}$$

where:

$EF_{C,i,j}$ = Emission factor for specific air contaminant i from construction equipment type j (lb/hr)

$T_{H,j}$ = Operating time for equipment of type j (hr)

The exhaust emission factors used for the calculations of CO, VOC, NO_x, SO_x and PM10 are composite horsepower-based off-road emission factors for 2008 derived from the California Air Resources Board's (ARB) OFFROAD2007 Model (version 2.0.1.2, December 15, 2007). The OFFROAD2007 Model calculates total daily emissions by

equipment category (crane, dozer, grader, etc.) and type of fuel (diesel, gasoline, etc.) within engine horsepower ranges in a geographic area, such as the Mojave Desert Air Quality Management District's (MDAQMD) jurisdiction. The model also calculates total daily operating hours within the geographic area by equipment category, fuel and horsepower range. The total daily emissions were divided by the total daily operating hours to calculate emission factors, in pounds per hour, by equipment category, fuel and horsepower range.

The model can calculate the emissions and operating hours for equipment within individual model years or for equipment of all model years combined. The emission factors were calculated for all model years combined for all of the equipment except for large scrapers that will be used to grade the solar array site. In order to minimize emissions from the large engines in the scrapers, the scrapers will be required to be model year 2006 or newer, which must meet California Tier 3 emission standards for off-road engines. These standards are more stringent than emission standards for earlier model year engines, so the emission factors are lower.

The emission factors for calendar year 2008, with all model years combined, within the MDAQMD's jurisdiction are in Tables 19 and 20 of Attachment G.3.1 for diesel and gasoline fueled equipment, respectively. The emission factors for 2008 for 2006 model year scrapers are in Table 21 of Attachment G.3.1. The OFFROAD2007 Model and supporting documentation can be downloaded from: http://www.arb.ca.gov/msei/offroad/offroad.htm.

PM2.5 emission factors were calculated from PM10 emission factors using the following equation:

$$EF_{C,PM2.5,j}\ (lb/hr) = EF_{C,PM10,j} \times F_{PM2.5,j} \qquad \text{(EQ. 1-2)}$$

where:

$EF_{C,PM2.5,,j}$ = PM2.5 emission factor for construction equipment type j (lb/hr)

$EF_{C,PM10,,j}$ = PM10 emission factor for construction equipment type j (lb/hr)

$F_{PM2.5,,j}$ = Mass fraction of PM2.5 emissions in PM10 emissions from equipment of type j (unitless)

The mass fractions of PM2.5 in PM10 emissions from construction equipment exhaust depend on the type of fuel (diesel or gasoline). SCAQMD has compiled PM2.5 fractions in PM10 emissions from several emission source categories in Appendix A of "Final – Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds," SCAQMD, October 2006. These PM2.5 mass fractions are from PM profiles in the California Emission Inventory Data and Reporting System (CEIDARS) developed by CARB.

The construction equipment emission factors for the construction equipment to be used for construction of the VV2 Hybrid Power Project are listed in Table 18 of Attachment G.3.1.

G.3.1.2 Motor Vehicle Exhaust, Break Wear and Tire Wear Emissions

The combustion of fuel in motor vehicle engines results in the generation of CO, VOC NO_X, SO_X, PM10 and PM2.5 emissions. Motor vehicle brake and tire wear results in the generation of PM10 emissions. The following predictive emission equation was used to calculate emissions from both on-site and off-site motor vehicles:

$$\text{Exhaust Emissions}_{i,j}\ (\text{lb}) = EF_{V,i,j} \times VMT_j \qquad \text{(EQ. 1-3)}$$

where:

$EF_{V,i,j}$ = Emission factor for specific air contaminant i from motor vehicle type j (lb/mi)

VMT_j = Distance traveled each day by motor vehicle of type j (mi)

CO, VOC, NO_x, SO_x and PM10 emission factors were compiled by running the California Air Resources Board's EMFAC2007 (version 2.3) Burden Model for the Mojave Desert Air Basin. Daily emissions by vehicle class (light-duty truck, heavy -heavy-heavy duty diesel vehicle, etc.) from the Burden model were divided by the daily mileage traveled by vehicles within the class from the Burden Model to calculate the emission factors. The emission factors account for the emissions from start, running and idling exhaust. In addition, the VOC emission factors take into account diurnal, hot soak, running and resting emissions, and the PM10 emission factors account for exhaust, brake wear and tire wear emissions separately.

PM2.5 emission factors were calculated by multiplying the PM10 emission factors by the mass fraction of PM2.5 emissions in motor vehicle exhaust, brake wear and tire wear PM10 emissions. The PM2.5 mass fractions in PM10 emissions from gasoline and diesel-fueled engine exhaust were from Appendix A of “Final –Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds,” SCAQMD, October 2006.

The motor vehicle emission factors from the Burden Model and the calculated PM2.5 emission factors are listed in Table 24-A of Attachment G.3.1. The motor vehicle emission factors for the vehicles to be used for construction of the VV2 Hybrid Power Project are listed in Table 23-A of Attachment G.3.1.

G.3.1.3 Motor Vehicle Entrained Paved Road Dust Emissions

Vehicle travel on paved roads generates fugitive PM10 and PM2.5 emissions by entrainment of dust on the roads. The following predictive emission equation was used to calculate entrained paved road dust emissions:

$$\text{Entrained Dust PM10 Emissions}_j\ (\text{lb}) = EF_{D,j} \times VMT_j \qquad \text{(EQ. 1-4)}$$

where:

$EF_{D,j}$ = Emission factor for entrained road dust PM10 from motor vehicle type j (lb/mi)

VMT_j = Distance traveled each day by motor vehicles of type j (mi)

The emission factor was calculated from the following equation from CARB Emission Inventory Methodology 7.9, "Entrained Paved Road Dust" (1997):

$$EF_{D,j}\ (\text{lb/mi}) = 7.26 / 453.6 \times (sL_j/2)^{0.65} \times (W_j/3)^{1.5} \qquad \text{(EQ. 1-5)}$$

where:

7.26 = A constant for PM10 emissions (g/mi)

453.6 = Factor to convert from grams to pounds (g/lb)

sL_j = Silt loading on roads traveled by motor vehicle of type j (g/m^2)

W_j = Average weight of vehicles on roads traveled by vehicles of type j (tons)

The silt loadings were taken from Table 3 of CARB Emission Inventory Methodology 7.9. As indicated in 23-B of Attachment G.3.1, motor vehicles were assumed to travel on paved roads to collector roads.

The average weight of vehicles on roads traveled by off-site motor vehicles was assumed to be 2.4 tons, as listed in Table 3 of CARB Emission Inventory Methodology 7.9 for the San Bernardino County portion of the Southeast Desert Air Basin.

PM2.5 emission factors were calculated by multiplying the PM10 emission factors by the mass fraction of PM2.5 emissions in PM10 emissions from entrained paved road dust. The PM2.5 mass fractions were from Appendix A of "Final–Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds," SCAQMD, October 2006. The calculated PM10 and PM2.5 entrained paved road dust emission factors are in Table 23-B of Attachment G.3.1.

G.3.1.4 Fugitive PM10 and PM2.5 Emissions

Excavation and grading during construction will generate fugitive PM10 and PM2.5 emissions from soil handling (i.e., dropping), wind erosion of temporary storage piles, bulldozing and grading, and on-site vehicles traveling on unpaved roads and surfaces. Although fugitive dust emissions from construction activities are temporary, they may have an impact on local air quality. Fugitive dust emissions often vary substantially from day to day, depending on the level of activity, the specific operations, and the prevailing meteorological conditions. The following methodologies provide the predictive emission equations, emission factors, and default values used to calculate fugitive dust emissions for the project.

Construction contractors are assumed to water the site two times per day, reducing the uncontrolled on-site fugitive dust emissions by 50 percent.

Emissions from Soil Handling

Fugitive PM10 and PM2.5 emissions are generated during excavation when excavated material is dropped onto the ground at the side of the excavation location or dropped into trucks for removal from the site. The following equation was used to estimate these emissions:

$$\text{Emissions (lb/day)} = EF_S \times V_s \qquad \text{(EQ. 1-6)}$$

where:

EF_S = Controlled PM10 emission factor for soil dropping (lb/yd^3)

V_S = Volume of soil handled (yd^3)

The controlled emission factor was calculated from:

$$EF_S\ (\text{lb/yd}^3) = 0.0011 \times (U/5)^{1.3} / (M/2)^{1.4} \times D \times N_D \times (1\text{-}CE/100) \qquad \text{(EQ. B.1-7)}$$

where:

U = Mean wind speed (mph)

M = Soil moisture content (percent)

D = Soil density (tons/yd^3)

N_D = Number of times soil is dropped

CE = Control efficiency from watering twice per day (percent)

Source: Equation 1, Section 13.2.4, US EPA Compilation of Air Pollutant Emission Factors (AP-42), January 1995.

The mean wind speed was assumed to be the default value of 12 mph, from Table 9-9-G of the SCAQMD CEQA Handbook (1993). The moisture content was assumed to be 15 percent, from "Open Fugitive Dust PM10 Control Strategies Study," Midwest Research Institute, October 12, 1990, for moist conditions. Soil density was assumed to be 1.215 tons per cubic yard, from Table 2.46, Handbook of Solid Waste Management. It was conservatively assumed that soil would be dropped four times: 1) onto the ground at the side of the excavation; 2) onto a temporary storage pile; 3) into a truck; and 4) out of the truck. The control efficiency from watering twice per day was assumed to be 50 percent.

The PM2.5 emission factor was calculated by multiplying the PM10 emission factor by the mass fraction of PM2.5 emissions in PM10 emissions from construction dust. The PM2.5 mass fraction was from Appendix A of “Final–Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds,” SCAQMD, October 2006. The emission factors are listed in Table 22 of Attachment G.3.1.

Wind Erosion from Temporary Storage Piles

Wind erosion of temporary soil storage piles during excavation generates fugitive PM10 emissions. The following equation was used to estimate these emissions:

$$\text{Emissions (lb)} = EF_W \times A \qquad \text{(EQ. 1-8)}$$

where:

EF_W = Controlled PM10 emission factor for storage pile wind erosion (lb/acre-day)

A = Temporary storage pile surface area (acres)

The controlled emission factor was calculated from:

$$EF_W \text{ (lb/acre-day)} = 0.85 \times (s/1.5) \times (365-p/235) \times (U_{12}/15) \times (1-CE/100) \qquad \text{(EQ. 1-9)}$$

where:

s = Soil silt content (percent)

p = Number of days per year with precipitation of 0.01 inches or more

U_{12} = Percentage of time unobstructed wind speed exceeds 12 mph

CE = Control efficiency from watering twice per day (percent)

Source: US EPA Fugitive Dust Background Document and Technical Information Document for Best Available Control Measures, 1992

The storage pile silt contents were assumed to be 7.5 percent, as listed in Table A9-9-F-1 of the SCAQMD CEQA Air Quality Handbook for overburden. The number of days with precipitation was conservatively assumed to be zero, and the percentage of the time that the wind speeds exceeds 12 mph was conservatively assumed to be 100 percent. The control efficiency from watering twice per day was assumed to be 50 percent.

The PM2.5 emission factor was calculated by multiplying the PM10 emission factor by the mass fraction of PM2.5 emissions in PM10 emissions from construction dust. The PM2.5 mass fraction was from Appendix A of "Final–Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds," SCAQMD, October 2006. The emission factors are listed in Table 22 of Attachment G.3.1.

Bulldozing and Grading

Bulldozing and grading generate fugitive PM10 emissions. The following equation was used to estimate these emissions:

$$\text{Emissions (lb)} = EF_B \times T_B \qquad \text{(EQ. 1-10)}$$

where:

EF_W = Controlled PM10 emission factor for bulldozing and grading (lb/hr)

T_B = Bulldozing and grading duration (hr)

The controlled emission factor was calculated from:

$$EF_B \text{ (lb/hr)} = 0.75 \times s^{1.5} / M^{1.4} \times (1\text{-}CE/100) \qquad \text{(EQ. 1-11)}$$

where:

s = Soil silt content (percent)

M = Soil moisture (percent)

CE = Control efficiency from watering twice per day (percent)

Source: U.S. Environmental Protection Agency Compilation of Air Pollutant Emission Factors (AP-42), Table 11.9-1, July 1998

The silt content was assumed to be 7.5 percent, as listed in Table A9-9-F-1 of the SCAQMD CEQA Air Quality Handbook for overburden and the moisture content was assumed to be 15 percent, from "Open Fugitive Dust PM10 Control Strategies Study," Midwest Research Institute, October 12, 1990, for moist conditions. The control efficiency from watering twice per day was assumed to be 50 percent.

The PM2.5 emission factor was calculated by multiplying the PM10 emission factor by the mass fraction of PM2.5 emissions in PM10 emissions from construction dust. The PM2.5 mass fraction was from Appendix A of “Final–Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds,” SCAQMD, October 2006. The emission factors are listed in Table 22 of Attachment G.3.1.

Vehicle Travel on Unpaved Surfaces

Vehicles traveling on unpaved surfaces generate fugitive PM10 emissions. The following equation was used to estimate these emissions:

$$\text{Emissions (lb)} = EF_U \times VMT_U \qquad \text{(EQ. 1-12)}$$

where:

EF_U = Controlled PM10 emission factor for vehicle travel on unpaved surfaces (lb/mi)

VMT_U = Distance traveled on unpaved surfaces (mi)

The controlled emission factor was calculated from:

Emission Factor [lb/mi] = 1.5 x (silt content [%] / 12)0.9 x (vehicle weight [tons] / 3)0.45

Reference: AP-42, Section 13.2.2, December 2003 for industrial unpaved roads

$$EF_U \text{ (lb/mi)} = 1.5\ (s/12)^{0.9} \times (W/3)^{0.45} \times (1\text{-}CE/100) \qquad \text{(EQ. 1-13)}$$

where:

s = Surface silt content (percent)

W = Average vehicle weight (tons)

CE = Control efficiency from watering twice per day (percent)

Source: U.S. Environmental Protection Agency Compilation of Air Pollutant Emission Factors (AP-42), Table 13.2.2, December 2003, for industrial unpaved roads

The silt content was assumed to be 7.5 percent, as listed in Table A9-9-F-1 of the SCAQMD CEQA Air Quality Handbook for overburden. The average weight of vehicles on unpaved surfaces was assumed to be 20 tons, which is the average of a 10 ton empty and a 30 ton full dump truck. The control efficiency from watering twice per day was assumed to be 50 percent.

The PM2.5 emission factor was calculated by multiplying the PM10 emission factor by the mass fraction of PM2.5 emissions in PM10 emissions from construction dust. The PM2.5 mass fraction was from Appendix A of "Final–Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds," SCAQMD, October 2006. The emission factors are listed in Table 22 of Attachment G.3.1.

G.3.2 EMISSION CALCULATIONS

Emissions were calculated from estimates of (1) the types, number, horsepower rating and daily operating hours for construction equipment; (2) the types, number and daily miles traveled by on-site and off-site motor vehicles; and (3) the activity levels (i.e., hours of bulldozing and grading) for fugitive particulate matter producing activities. These estimates were made by construction month for construction of the combined cycle facility, the solar array, the reclaimed water supply pipeline and the sanitary sewer line (combined), and for the natural gas and backup water supply pipelines (combined). They were made be week for construction of the transmission line segments. It was assumed that all on-site motor vehicle travel will be on unpaved surfaces and that all off-site motor vehicle travel will be on paved surfaces.

Hourly, daily, monthly and annual emissions were calculated for construction of the combined cycle facility and the solar array. On-site emission rates used to model impacts of combined cycle facility and solar array construction emissions on ambient air quality were derived from the hourly, daily and annual emissions.

Daily emissions were calculated for construction of the reclaimed water supply pipeline and the sanitary sewer line (combined), for the natural gas and backup water supply pipelines (combined) and for each of the three transmission line segments.

G.3.2.1 Combined Cycle Facility and Solar Array Construction Emission Calculations

Calculations of monthly emissions are in Attachment G.3.1 in Tables 3-A through 3-M for the combined cycle facility and 6-A through 6-N for the solar array. Within each set of tables, Table A lists the daily operating hours, vehicle miles traveled and number of pieces of construction equipment and motor vehicles by month for each type of equipment or motor vehicle; Table B lists the monthly operating hours and vehicle miles traveled for each type of construction equipment or motor vehicles, based on 22 working days per month; Tables C through H list the monthly CO, VOC, NO_x, SO_x, PM10 and PM2.5 exhaust emissions; Tables I and J list the monthly motor vehicle fugitive PM10 and PM2.5 emissions; Table K lists the monthly fugitive particulate matter generating activity levels; and Tables L and M list the fugitive PM10 and PM2.5 emissions.

Peak hourly emissions were also estimated for each month of construction for the combined cycles facility and the solar array. These estimates were made by assuming that all pieces of construction equipment used during each month will operate simultaneously during one hour and that all motor vehicles will travel one-third of their daily mileage simultaneously during the same hour. These calculations are in Attachment G.3.1 in Tables 4-A through 4-N and 7-A through 7-M.

Construction emission summaries are in Tables 2-A through 2-L for construction of the combined cycle facility and in Tables 5-A through 5-L for construction of the solar array. Tables A, C, E, G, I, and K summarize CO, VOC, NOx, SOx, PM10, and PM2.5 emissions, respectively. Each table lists running 12-month, monthly, daily and hourly emissions by month as well as peak emissions. Tables B, D, F, H, J and L list maximum hourly, daily and annual on-site emissions for each of these pollutants.

Emission rates, in pounds per hour, used to model air quality impacts of on-site emissions during construction of the combined cycle facility and the solar array are listed in Tables 1-A and 1-B, respectively. The tables lists the emission rate used for each pollutant and each averaging period and indicates how the emission rate was calculated.

G.3.2.2 Reclaimed Water Supply Pipeline, Sanitary Sewer Line, Natural Gas Supply Pipeline and Backup Water Supply Pipeline Construction Emissions

Calculations of daily construction emissions are in Attachment G.3.1 in Tables 9-A through 9-M for the water supply pipeline and sanitary sewer line (combined) and 11-A through 11-M for the natural gas and backup water supply pipelines. Within each set of tables, Table A lists the daily operating hours, vehicle miles traveled and number of pieces of construction equipment and motor vehicles by month; Table B lists the daily operating hours and vehicle miles traveled for each type of construction equipment or motor vehicles.; Tables C through H list the daily CO, VOC, NO_x, SO_x, PM10 and PM2.5 exhaust emissions; Tables I and J list the daily motor vehicle fugitive PM10 and PM2.5 emissions;

Table K lists the daily fugitive particulate matter generating activity levels; and Tables L and M list the daily fugitive PM10 and PM2.5 emissions.

Construction emission summaries are in Tables 8-A through 8-F for construction of the water supply pipeline and sanitary sewer line (combined) and 10-A through 10-F for the natural gas and backup water supply pipelines (combined). These tables list daily CO, VOC, NOx, SOx, PM10 and PM2.5 by month as well as maximum daily emissions.

G.3.2.3 Transmission Line Construction Emissions

Construction of the three transmission line segments will occur in phases:

- Road work (Segments 1 and 3)
- Constructing foundations for towers (Segments 1, 2 and 3)
- Constructing towers (Segments 1, 2 and 3)
- Stringing conductors (Segments 1, 2 and 3)
- Clean-up (Segments 1, 2 and 3)
- Removing existing power lines (Segment 3)

Additionally, activities will occur at a marshalling yard throughout the construction period for each segment.

Construction equipment and on-site and off-site motor vehicle usage during construction of each phase for each segment were estimated, and daily emissions were calculated from these estimates. The calculations are in Attachment G.3.1 in Tables 13-A through 13-D for Segment 1, 15-A through 15-D for Segment 2, and in 17-A through 17-D for Segment 3. Table A lists the daily operating hours, number of pieces and the resulting exhaust emissions for construction equipment. Table B lists the daily miles traveled, number of vehicles and the resulting exhaust emissions for motor vehicles. Table C lists daily entrained road dust PM10 and PM2.5 from motor vehicles, and Table D lists daily activity levels and fugitive PM10 and PM2.5 emissions.

Construction emissions by construction phase and week are in Tables 12-A through 12-F, 14-A through 14-F and 16-A through 16-F for construction of Segments 1, 2 and 3, respectively. These tables list daily CO, VOC, NOx, SOx, PM10 and PM2.5 by week as well as maximum daily emissions.

Table 1-A
Emission Rates for Modeling Impacts During Construction of Combined Cycle Facility

Pollutant	Source	Averaging Period	Emission Rate (lb/hr)	How Calculated
CO	Construction Equipment	1-hr	4.33E+01	Maximum hourly (lb/hr)
CO	On-site Motor Vehicles	1-hr	6.55E-01	Maximum hourly (lb/hr)
CO	Construction Equipment	8-hr	4.33E+01	Maximum hourly (lb/hr)
CO	On-site Motor Vehicles	8-hr	6.55E-01	Maximum hourly (lb/hr)
NO2	Construction Equipment	1-hr	2.34E+01	Maximum hourly (lb/hr)
NO2	On-site Motor Vehicles	1-hr	4.63E-01	Maximum hourly (lb/hr)
NO2	Construction Equipment	Annual	7.06E+00	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
NO2	On-site Motor Vehicles	Annual	6.70E-02	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
SO2	Construction Equipment	1-hr	2.24E-02	Maximum hourly (lb/hr)
SO2	On-site Motor Vehicles	1-hr	4.53E-04	Maximum hourly (lb/hr)
SO2	Construction Equipment	3-hr	2.24E-02	Maximum hourly (lb/hr)
SO2	On-site Motor Vehicles	3-hr	4.53E-04	Maximum hourly (lb/hr)
SO2	Construction Equipment	24-hr	1.08E-02	Max. daily (lb/day)/10 hr. per day
SO2	On-site Motor Vehicles	24-hr	9.64E-05	Max. daily/10 hr. per day
SO2	Construction Equipment	Annual	6.88E-03	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
SO2	On-site Motor Vehicles	Annual	6.48E-05	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM10	Construction Equipment	24-hr	8.10E-01	Max. daily (lb/day)/10 hr. per day
PM10	On-site Motor Vehicles	24-hr	3.45E-03	Max. daily (lb/day)/10 hr. per day
PM10	Fugitive Emissions	24-hr	4.49E+00	Max. daily (lb/day)/10 hr. per day
PM10	Construction Equipment	Annual	5.17E-01	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM10	On-site Motor Vehicles	Annual	2.33E-03	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM10	Fugitive Emissions	Annual	3.11E+00	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM2.5	Construction Equipment	24-hr	7.06E-01	Max. daily (lb/day)/10 hr. per day
PM2.5	On-site Motor Vehicles	24-hr	3.17E-03	Max. daily (lb/day)/10 hr. per day
PM2.5	Fugitive Emissions	24-hr	9.51E-01	Max. daily (lb/day)/10 hr. per day
PM2.5	Construction Equipment	Annual	4.53E-01	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM2.5	On-site Motor Vehicles	Annual	2.19E-03	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM2.5	Fugitive Emissions	Annual	6.57E-01	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day

Table 1-B
Emission Rates for Modeling Impacts During Construction of Solar Array

Pollutant	Source	Averaging Period	Emission Rate (lb/hr)	How Calculated
CO	Construction Equipment	1-hr	5.36E+01	Maximum hourly (lb/hr)
CO	On-site Motor Vehicles	1-hr	4.56E-01	Maximum hourly (lb/hr)
CO	Construction Equipment	8-hr	5.36E+01	Maximum hourly (lb/hr)
CO	On-site Motor Vehicles	8-hr	4.56E-01	Maximum hourly (lb/hr)
NO2	Construction Equipment	1-hr	2.09E+01	Maximum hourly (lb/hr)
NO2	On-site Motor Vehicles	1-hr	3.87E-01	Maximum hourly (lb/hr)
NO2	Construction Equipment	Annual	8.00E+00	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
NO2	On-site Motor Vehicles	Annual	1.40E-01	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
SO2	Construction Equipment	1-hr	3.55E-02	Maximum hourly (lb/hr)
SO2	On-site Motor Vehicles	1-hr	1.22E-03	Maximum hourly (lb/hr)
SO2	Construction Equipment	3-hr	3.55E-02	Maximum hourly (lb/hr)
SO2	On-site Motor Vehicles	3-hr	1.22E-03	Maximum hourly (lb/hr)
SO2	Construction Equipment	24-hr	2.82E-02	Max. daily (lb/day)/10 hr. per day
SO2	On-site Motor Vehicles	24-hr	2.74E-04	Max. daily/10 hr. per day
SO2	Construction Equipment	Annual	1.29E-02	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
SO2	On-site Motor Vehicles	Annual	1.26E-04	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM10	Construction Equipment	24-hr	5.36E-01	Max. daily (lb/day)/10 hr. per day
PM10	On-site Motor Vehicles	24-hr	1.32E-02	Max. daily (lb/day)/10 hr. per day
PM10	Fugitive Emissions	24-hr	8.04E+00	Max. daily (lb/day)/10 hr. per day
PM10	Construction Equipment	Annual	4.86E-01	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM10	On-site Motor Vehicles	Annual	5.99E-03	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM10	Fugitive Emissions	Annual	3.58E+00	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM2.5	Construction Equipment	24-hr	4.93E-01	Max. daily (lb/day)/10 hr. per day
PM2.5	On-site Motor Vehicles	24-hr	1.22E-02	Max. daily (lb/day)/10 hr. per day
PM2.5	Fugitive Emissions	24-hr	1.70E+00	Max. daily (lb/day)/10 hr. per day
PM2.5	Construction Equipment	Annual	4.28E-01	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM2.5	On-site Motor Vehicles	Annual	5.51E-03	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day
PM2.5	Fugitive Emissions	Annual	7.57E-01	Max. Annual (ton/yr)x2000 (lb/ton) /365 days per year/10 hr. per day

Table 2-A
Combined Cycle Facility Construction CO Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
On-Site														
Equipment	26.3	27.5	28.8	30.0	31.1	31.6	32.1	32.6	33.0	33.4	33.6	33.6	33.2	32.8
Motor Vehicles	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
On-Site Total	**26.5**	**27.7**	**29.0**	**30.2**	**31.3**	**31.8**	**32.3**	**32.8**	**33.2**	**33.6**	**33.9**	**33.8**	**33.4**	**33.0**
Off-Site Motor Vehicles	**32.0**	**33.7**	**35.1**	**35.8**	**36.2**	**36.0**	**35.2**	**34.0**	**32.7**	**31.2**	**29.4**	**27.5**	**25.3**	**23.4**
12-Month Total	**58.5**	**61.4**	**64.0**	**66.0**	**67.4**	**67.8**	**67.5**	**66.8**	**65.9**	**64.8**	**63.2**	**61.2**	**58.7**	**56.3**
Maximum On-Site 12-Month Total (ton/year)	**33.9**													
Maximum 12-Month Total (ton/year)	**67.8**													
Monthly Emissions (lb/month)														
On-Site														
Equipment	3,324.3	3,366.5	3,409.1	3,461.0	4,605.7	4,606.5	4,668.4	4,657.8	4,700.5	4,700.5	5,210.4	5,872.0	5,828.6	5,862.0
Motor Vehicles	23.2	23.2	23.2	23.2	23.2	24.4	24.4	24.4	32.7	33.8	35.0	35.0	35.0	35.0
On-Site Total	**3,347.4**	**3,389.6**	**3,432.3**	**3,484.2**	**4,628.9**	**4,630.8**	**4,692.8**	**4,682.2**	**4,733.1**	**4,734.3**	**5,245.4**	**5,907.0**	**5,863.6**	**5,897.0**
Off-Site Motor Vehicles	**2,976.2**	**3,402.0**	**3,851.4**	**4,254.8**	**4,698.4**	**5,915.1**	**6,176.6**	**6,449.4**	**6,495.4**	**6,538.9**	**6,529.4**	**6,707.4**	**6,393.0**	**6,101.6**
Monthly Total	**6,323.6**	**6,791.6**	**7,283.7**	**7,739.0**	**9,327.3**	**10,546.0**	**10,869.4**	**11,131.5**	**11,228.5**	**11,273.1**	**11,774.8**	**12,614.4**	**12,256.6**	**11,998.6**
Maximum On-Site Monthly Total (lb/month)	**5,907.0**													
Maximum Monthly Total (lb/month)	**12,614.4**													
Daily Emissions (lb/day)[b]														
On-Site														
Equipment	151.1	153.0	155.0	157.3	209.4	209.4	212.2	211.7	213.7	213.7	236.8	266.9	264.9	266.5
Motor Vehicles	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.5	1.5	1.6	1.6	1.6	1.6
On-Site Total	**152.2**	**154.1**	**156.0**	**158.4**	**210.4**	**210.5**	**213.3**	**212.8**	**215.1**	**215.2**	**238.4**	**268.5**	**266.5**	**268.0**
Off-Site Motor Vehicles	**135.3**	**154.6**	**175.1**	**193.4**	**213.6**	**268.9**	**280.8**	**293.2**	**295.2**	**297.2**	**296.8**	**304.9**	**290.6**	**277.3**
Daily Total	**287.4**	**308.7**	**331.1**	**351.8**	**424.0**	**479.4**	**494.1**	**506.0**	**510.4**	**512.4**	**535.2**	**573.4**	**557.1**	**545.4**
Maximum On-Site Daily Total (lb/day)	**268.5**													
Maximum Off-Site Daily Total (lb/day)	**304.9**													
Maximum Daily Total (lb/day)	**573.4**													
Hourly Emissions (lb/hour)[c]														
On-Site														
Equipment	24.4	24.9	25.3	25.7	33.9	33.9	34.5	34.5	34.8	34.8	38.3	43.3	42.9	43.2
Motor Vehicles	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.7
On-Site Total	**24.9**	**25.3**	**25.7**	**26.2**	**34.3**	**34.3**	**34.9**	**34.9**	**35.5**	**35.5**	**39.0**	**44.0**	**43.5**	**43.9**
Off-Site Motor Vehicles	**69.1**	**78.8**	**89.6**	**98.7**	**109.2**	**136.4**	**142.7**	**149.4**	**150.5**	**150.9**	**150.5**	**155.6**	**148.0**	**141.3**
Hourly Total	**94.0**	**104.2**	**115.3**	**124.9**	**143.6**	**170.8**	**177.6**	**184.3**	**186.0**	**186.4**	**189.5**	**199.6**	**191.5**	**185.2**
Maximum On-Site Hourly Total (lb/hour)	**44.0**													
Maximum Hourly Total (lb/hour)	**199.6**													

Table 2-A (continued)
Combined Cycle Facility Construction CO Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	32.4	31.7	28.9	26.1	23.3	20.5	17.8	15.0	12.4	9.9	7.3	4.8	2.3
Motor Vehicles	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
On-Site Total	**32.6**	**31.9**	**29.1**	**26.3**	**23.5**	**20.7**	**17.9**	**15.1**	**12.5**	**9.9**	**7.4**	**4.9**	**2.3**
Off-Site Motor Vehicles	**21.5**	**20.0**	**17.5**	**15.3**	**13.2**	**11.3**	**9.3**	**7.6**	**6.1**	**4.8**	**3.6**	**2.3**	**1.1**
12-Month Total	**54.1**	**51.9**	**46.6**	**41.6**	**36.6**	**31.9**	**27.2**	**22.7**	**18.6**	**14.7**	**10.9**	**7.2**	**3.5**
Monthly Emissions (lb/month)													
On-Site													
Equipment	5,852.7	5,657.0	5,657.0	5,558.2	5,582.5	5,517.0	5,586.7	5,109.1	5,068.4	5,068.4	5,034.3	5,034.3	4,622.3
Motor Vehicles	35.0	35.0	35.0	35.0	33.8	33.8	33.8	32.7	32.7	32.7	32.7	32.7	32.7
On-Site Total	**5,887.7**	**5,692.0**	**5,692.0**	**5,593.2**	**5,616.3**	**5,550.8**	**5,620.5**	**5,141.8**	**5,101.1**	**5,101.1**	**5,066.9**	**5,066.9**	**4,655.0**
Off-Site Motor Vehicles	**5,361.4**	**4,938.3**	**4,351.0**	**4,260.7**	**3,862.0**	**3,821.1**	**3,507.3**	**2,904.6**	**2,725.3**	**2,456.3**	**2,419.0**	**2,396.6**	**2,284.5**
Monthly Total	**11,249.1**	**10,630.3**	**10,043.0**	**9,853.9**	**9,478.2**	**9,371.9**	**9,127.9**	**8,046.3**	**7,826.3**	**7,557.4**	**7,485.9**	**7,463.5**	**6,939.5**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	266.0	257.1	257.1	252.6	253.7	250.8	253.9	232.2	230.4	230.4	228.8	228.8	210.1
Motor Vehicles	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
On-Site Total	**267.6**	**258.7**	**258.7**	**254.2**	**255.3**	**252.3**	**255.5**	**233.7**	**231.9**	**231.9**	**230.3**	**230.3**	**211.6**
Off-Site Motor Vehicles	**243.7**	**224.5**	**197.8**	**193.7**	**175.5**	**173.7**	**159.4**	**132.0**	**123.9**	**111.7**	**110.0**	**108.9**	**103.8**
Daily Total	**511.3**	**483.2**	**456.5**	**447.9**	**430.8**	**426.0**	**414.9**	**365.7**	**355.7**	**343.5**	**340.3**	**339.3**	**315.4**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	43.1	41.1	41.1	40.4	40.6	40.1	40.8	37.2	36.8	36.8	36.4	36.4	32.7
Motor Vehicles	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
On-Site Total	**43.8**	**41.8**	**41.8**	**41.0**	**41.3**	**40.8**	**41.4**	**37.8**	**37.4**	**37.4**	**37.1**	**37.1**	**33.3**
Off-Site Motor Vehicles	**124.0**	**113.4**	**100.0**	**97.4**	**89.1**	**87.8**	**80.7**	**67.4**	**63.3**	**57.2**	**56.0**	**55.5**	**53.0**
Hourly Total	**167.8**	**155.2**	**141.7**	**138.4**	**130.4**	**128.5**	**122.1**	**105.2**	**100.8**	**94.7**	**93.1**	**92.6**	**86.3**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 2-B
Combined Cycle Facility Construction Maximum On-Site CO Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	43.3	266.9	33.6
Motor Vehicles[a]	0.7	1.6	0.2
Maximum On-Site Total	**44.0**	**268.5**	**33.9**

[a] Emissions from source during period with maximum on-site total emissions

Table 2-C
Combined Cycle Facility Construction VOC Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
On-Site														
Equipment	2.3	2.4	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.4
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**2.3**	**2.4**	**2.5**	**2.6**	**2.6**	**2.6**	**2.6**	**2.6**	**2.6**	**2.6**	**2.6**	**2.5**	**2.5**	**2.4**
Off-Site Motor Vehicles	**2.1**	**2.3**	**2.3**	**2.4**	**2.4**	**2.4**	**2.4**	**2.3**	**2.2**	**2.1**	**1.9**	**1.8**	**1.7**	**1.5**
12-Month Total	**4.4**	**4.6**	**4.8**	**5.0**	**5.0**	**5.1**	**5.0**	**4.9**	**4.8**	**4.6**	**4.5**	**4.3**	**4.1**	**4.0**
Maximum On-Site 12-Month Total (ton/year)	**2.6**													
Maximum 12-Month Total (ton/year)	**5.1**													
Monthly Emissions (lb/month)														
On-Site														
Equipment	273.4	289.4	304.7	323.6	380.3	388.5	411.7	406.1	421.4	421.4	429.8	483.2	467.3	478.9
Motor Vehicles	2.2	2.2	2.2	2.2	2.2	2.5	2.5	2.5	3.1	3.2	3.3	3.3	3.3	3.3
On-Site Total	**275.6**	**291.6**	**306.9**	**325.9**	**382.5**	**391.0**	**414.3**	**408.6**	**424.5**	**424.5**	**433.1**	**486.5**	**470.6**	**482.2**
Off-Site Motor Vehicles	**185.3**	**211.2**	**243.6**	**268.1**	**298.9**	**397.4**	**413.3**	**455.4**	**458.5**	**454.3**	**451.7**	**438.1**	**418.9**	**401.2**
Monthly Total	**460.9**	**502.8**	**550.5**	**594.0**	**681.4**	**788.4**	**827.5**	**864.0**	**883.0**	**878.9**	**884.8**	**924.6**	**889.4**	**883.4**
Maximum On-Site Monthly Total (lb/month)	**486.5**													
Maximum Monthly Total (lb/month)	**924.6**													
Daily Emissions (lb/day)[b]														
	12.5	13.3	13.9	14.8	17.4	17.8	18.8	18.6	19.3	19.3	19.7	22.1	21.4	21.9
On-Site														
Equipment	12.4	13.2	13.8	14.7	17.3	17.7	18.7	18.5	19.2	19.2	19.5	22.0	21.2	21.8
Motor Vehicles	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Total	**12.5**	**13.3**	**13.9**	**14.8**	**17.4**	**17.8**	**18.8**	**18.6**	**19.3**	**19.3**	**19.7**	**22.1**	**21.4**	**21.9**
Off-Site Motor Vehicles	**8.4**	**9.6**	**11.1**	**12.2**	**13.6**	**18.1**	**18.8**	**20.7**	**20.8**	**20.7**	**20.5**	**19.9**	**19.0**	**18.2**
Daily Total	**20.9**	**22.9**	**25.0**	**27.0**	**31.0**	**35.8**	**37.6**	**39.3**	**40.1**	**39.9**	**40.2**	**42.0**	**40.4**	**40.2**
Maximum On-Site Daily Total (lb/day)	**22.1**													
Maximum Off-Site Daily Total (lb/day)	**20.8**													
Maximum Daily Total (lb/day)	**42.0**													
Hourly Emissions (lb/hour)[c]														
On-Site														
Equipment	2.3	2.5	2.6	2.8	3.2	3.3	3.5	3.5	3.6	3.6	3.6	4.1	3.9	4.1
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Total	**2.3**	**2.5**	**2.6**	**2.8**	**3.3**	**3.3**	**3.5**	**3.5**	**3.7**	**3.7**	**3.7**	**4.2**	**4.0**	**4.1**
Off-Site Motor Vehicles	**4.3**	**4.9**	**5.8**	**6.3**	**7.2**	**9.1**	**9.5**	**10.3**	**10.4**	**10.1**	**10.0**	**10.0**	**9.5**	**9.1**
Hourly Total	**6.6**	**7.4**	**8.4**	**9.1**	**10.4**	**12.5**	**13.1**	**13.8**	**14.0**	**13.8**	**13.7**	**14.1**	**13.5**	**13.2**
Maximum On-Site Hourly Total (lb/hour)	**4.2**													
Maximum Hourly Total (lb/hour)	**14.1**													

Table 2-C (continued)
Combined Cycle Facility Construction VOC Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	2.4	2.3	2.1	1.8	1.7	1.5	1.3	1.1	0.9	0.7	0.5	0.3	0.1
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**2.4**	**2.3**	**2.1**	**1.9**	**1.7**	**1.5**	**1.3**	**1.1**	**0.9**	**0.7**	**0.5**	**0.3**	**0.1**
Off-Site Motor Vehicles	**1.4**	**1.3**	**1.1**	**1.0**	**0.8**	**0.7**	**0.6**	**0.5**	**0.4**	**0.3**	**0.2**	**0.1**	**0.1**
12-Month Total	**3.8**	**3.6**	**3.2**	**2.8**	**2.5**	**2.2**	**1.9**	**1.6**	**1.3**	**1.0**	**0.7**	**0.5**	**0.2**
Monthly Emissions (lb/month)													
On-Site													
Equipment	475.2	410.9	410.9	385.1	392.4	370.2	388.4	398.4	386.5	386.5	374.3	374.3	242.6
Motor Vehicles	3.3	3.3	3.3	3.3	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
On-Site Total	**478.5**	**414.2**	**414.2**	**388.4**	**395.3**	**373.2**	**391.4**	**401.3**	**389.4**	**389.4**	**377.2**	**377.2**	**245.4**
Off-Site Motor Vehicles	**356.1**	**329.4**	**293.7**	**288.1**	**245.5**	**243.0**	**223.9**	**182.9**	**172.0**	**155.7**	**153.4**	**152.1**	**145.3**
Monthly Total	**834.6**	**743.6**	**707.9**	**676.5**	**640.8**	**616.2**	**615.3**	**584.2**	**561.4**	**545.1**	**530.6**	**529.2**	**390.7**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	21.6	18.7	18.7	17.5	17.8	16.8	17.7	18.1	17.6	17.6	17.0	17.0	11.0
Motor Vehicles	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Total	**21.8**	**18.8**	**18.8**	**17.7**	**18.0**	**17.0**	**17.8**	**18.2**	**17.7**	**17.7**	**17.1**	**17.1**	**11.2**
Off-Site Motor Vehicles	**16.2**	**15.0**	**13.3**	**13.1**	**11.2**	**11.0**	**10.2**	**8.3**	**7.8**	**7.1**	**7.0**	**6.9**	**6.6**
Daily Total	**37.9**	**33.8**	**32.2**	**30.8**	**29.1**	**28.0**	**28.0**	**26.6**	**25.5**	**24.8**	**24.1**	**24.1**	**17.8**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	4.0	3.4	3.4	3.2	3.3	3.1	3.3	3.3	3.2	3.2	3.0	3.0	1.8
Motor Vehicles	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Total	**4.1**	**3.4**	**3.4**	**3.2**	**3.3**	**3.1**	**3.3**	**3.3**	**3.2**	**3.2**	**3.1**	**3.1**	**1.9**
Off-Site Motor Vehicles	**8.0**	**7.3**	**6.5**	**6.4**	**5.6**	**5.5**	**5.1**	**4.3**	**4.0**	**3.7**	**3.6**	**3.6**	**3.4**
Hourly Total	**12.1**	**10.8**	**10.0**	**9.6**	**8.9**	**8.7**	**8.4**	**7.6**	**7.3**	**6.9**	**6.7**	**6.7**	**5.3**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 2-D
Combined Cycle Facility Construction Maximum On-Site VOC Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	4.1	22.0	2.6
Motor Vehicles[a]	0.1	0.1	0.0
Maximum On-Site Total	**4.2**	**22.1**	**2.6**

[a] Emissions from source during period with maximum on-site total emissions

Table 2-E
Combined Cycle Facility Construction NOx Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
On-Site														
Equipment	11.4	11.9	12.4	12.9	12.9	12.8	12.7	12.4	12.2	11.9	11.7	11.5	11.1	10.7
Motor Vehicles	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Total	**11.5**	**12.0**	**12.5**	**13.0**	**13.0**	**13.0**	**12.8**	**12.6**	**12.3**	**12.0**	**11.8**	**11.6**	**11.2**	**10.9**
Off-Site Motor Vehicles	**6.4**	**6.8**	**7.2**	**7.4**	**7.6**	**7.7**	**7.6**	**7.2**	**6.7**	**6.0**	**5.4**	**4.8**	**4.4**	**4.0**
12-Month Total	**17.9**	**18.8**	**19.7**	**20.4**	**20.6**	**20.7**	**20.4**	**19.8**	**19.0**	**18.1**	**17.3**	**16.4**	**15.6**	**14.9**
Maximum On-Site 12-Month Total (ton/year)	**13.0**													
Maximum 12-Month Total (ton/year)	**20.7**													
Monthly Emissions (lb/month)														
On-Site														
Equipment	1,238.3	1,402.0	1,554.4	1,721.7	1,873.2	1,922.6	2,089.2	2,021.1	2,173.5	2,173.5	2,109.2	2,443.7	2,306.9	2,444.5
Motor Vehicles	15.1	15.1	15.1	15.1	15.1	19.7	19.7	19.7	21.0	21.2	21.4	21.4	21.4	21.4
On-Site Total	**1,253.4**	**1,417.1**	**1,569.5**	**1,736.8**	**1,888.3**	**1,942.3**	**2,108.8**	**2,040.7**	**2,194.5**	**2,194.7**	**2,130.6**	**2,465.1**	**2,328.3**	**2,465.8**
Off-Site Motor Vehicles	**360.1**	**400.5**	**532.2**	**570.5**	**679.4**	**1,224.2**	**1,249.0**	**1,721.9**	**1,730.7**	**1,616.1**	**1,579.6**	**1,169.1**	**1,137.8**	**1,110.1**
Monthly Total	**1,613.5**	**1,817.6**	**2,101.7**	**2,307.3**	**2,567.7**	**3,166.4**	**3,357.8**	**3,762.6**	**3,925.2**	**3,810.8**	**3,710.2**	**3,634.3**	**3,466.1**	**3,575.9**
Maximum On-Site Monthly Total (lb/month)	**2,465.8**													
Maximum Monthly Total (lb/month)	**3,925.2**													
Daily Emissions (lb/day)[b]														
On-Site														
Equipment	56.3	63.7	70.7	78.3	85.1	87.4	95.0	91.9	98.8	98.8	95.9	111.1	104.9	111.1
Motor Vehicles	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0
On-Site Total	**57.0**	**64.4**	**71.3**	**78.9**	**85.8**	**88.3**	**95.9**	**92.8**	**99.7**	**99.8**	**96.8**	**112.1**	**105.8**	**112.1**
Off-Site Motor Vehicles	**16.4**	**18.2**	**24.2**	**25.9**	**30.9**	**55.6**	**56.8**	**78.3**	**78.7**	**73.5**	**71.8**	**53.1**	**51.7**	**50.5**
Daily Total	**73.3**	**82.6**	**95.5**	**104.9**	**116.7**	**143.9**	**152.6**	**171.0**	**178.4**	**173.2**	**168.6**	**165.2**	**157.5**	**162.5**
Maximum On-Site Daily Total (lb/day)	**112.1**													
Maximum Off-Site Daily Total (lb/day)	**78.7**													
Maximum Daily Total (lb/day)	**178.4**													
Hourly Emissions (lb/hour)[c]														
On-Site														
Equipment	11.3	13.1	14.5	16.0	17.6	18.0	19.7	19.2	20.6	20.6	20.0	23.4	21.9	23.2
Motor Vehicles	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
On-Site Total	**11.6**	**13.5**	**14.9**	**16.4**	**18.0**	**18.4**	**20.2**	**19.6**	**21.0**	**21.1**	**20.5**	**23.9**	**22.4**	**23.7**
Off-Site Motor Vehicles	**8.5**	**9.4**	**14.5**	**15.3**	**19.4**	**27.7**	**28.3**	**35.5**	**35.8**	**30.4**	**28.8**	**23.6**	**22.8**	**22.2**
Hourly Total	**20.1**	**22.9**	**29.3**	**31.7**	**37.3**	**46.1**	**48.5**	**55.1**	**56.8**	**51.5**	**49.2**	**47.5**	**45.2**	**45.8**
Maximum On-Site Hourly Total (lb/hour)	**23.9**													
Maximum Hourly Total (lb/hour)	**56.8**													

Table 2-E (continued)
Combined Cycle Facility Construction NOx Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	10.3	9.5	8.6	7.7	6.9	6.1	5.3	4.5	3.6	2.8	1.9	1.1	0.4
Motor Vehicles	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**10.4**	**9.6**	**8.7**	**7.7**	**6.9**	**6.1**	**5.4**	**4.5**	**3.6**	**2.8**	**2.0**	**1.2**	**0.4**
Off-Site Motor Vehicles	**3.6**	**3.3**	**2.8**	**2.3**	**1.9**	**1.6**	**1.3**	**1.1**	**0.9**	**0.7**	**0.5**	**0.3**	**0.2**
12-Month Total	**14.0**	**12.8**	**11.4**	**10.1**	**8.8**	**7.7**	**6.7**	**5.6**	**4.5**	**3.5**	**2.5**	**1.5**	**0.5**
Monthly Emissions (lb/month)													
On-Site													
Equipment	2,429.6	1,786.3	1,786.3	1,584.5	1,633.7	1,502.3	1,649.9	1,749.0	1,677.4	1,677.4	1,555.5	1,555.5	742.7
Motor Vehicles	21.4	21.4	21.4	21.4	16.8	16.8	16.8	16.6	16.6	16.6	16.6	16.6	16.6
On-Site Total	**2,450.9**	**1,807.7**	**1,807.7**	**1,605.9**	**1,650.5**	**1,519.1**	**1,666.7**	**1,765.6**	**1,694.0**	**1,694.0**	**1,572.1**	**1,572.1**	**759.3**
Off-Site Motor Vehicles	**1,038.3**	**980.3**	**924.3**	**914.2**	**555.8**	**550.7**	**520.9**	**388.0**	**371.0**	**345.4**	**341.9**	**339.8**	**329.1**
Monthly Total	**3,489.3**	**2,788.0**	**2,732.0**	**2,520.1**	**2,206.3**	**2,069.8**	**2,187.7**	**2,153.6**	**2,065.0**	**2,039.5**	**1,914.0**	**1,911.9**	**1,088.4**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	110.4	81.2	81.2	72.0	74.3	68.3	75.0	79.5	76.2	76.2	70.7	70.7	33.8
Motor Vehicles	1.0	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
On-Site Total	**111.4**	**82.2**	**82.2**	**73.0**	**75.0**	**69.1**	**75.8**	**80.3**	**77.0**	**77.0**	**71.5**	**71.5**	**34.5**
Off-Site Motor Vehicles	**47.2**	**44.6**	**42.0**	**41.6**	**25.3**	**25.0**	**23.7**	**17.6**	**16.9**	**15.7**	**15.5**	**15.4**	**15.0**
Daily Total	**158.6**	**126.7**	**124.2**	**114.5**	**100.3**	**94.1**	**99.4**	**97.9**	**93.9**	**92.7**	**87.0**	**86.9**	**49.5**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	23.1	16.5	16.5	14.9	15.5	14.5	15.8	15.9	15.3	15.3	13.9	13.9	6.5
Motor Vehicles	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
On-Site Total	**23.5**	**16.9**	**16.9**	**15.4**	**15.8**	**14.8**	**16.2**	**16.3**	**15.6**	**15.6**	**14.2**	**14.2**	**6.9**
Off-Site Motor Vehicles	**20.5**	**18.6**	**17.3**	**17.0**	**12.0**	**11.8**	**11.1**	**9.9**	**9.5**	**8.9**	**8.8**	**8.8**	**8.5**
Hourly Total	**44.0**	**35.6**	**34.3**	**32.4**	**27.8**	**26.7**	**27.3**	**26.2**	**25.1**	**24.5**	**23.0**	**23.0**	**15.4**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 2-F
Combined Cycle Facility Construction Maximum On-Site NOx Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	23.4	111.1	12.9
Motor Vehicles[a]	0.5	1.0	0.1
Maximum On-Site Total	**23.9**	**112.1**	**13.0**

[a] Emissions from source during period with maximum on-site total emissions

Table 2-G
Combined Cycle Facility Construction SOx Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
On-Site														
Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
12-Month Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Maximum On-Site 12-Month Total (ton/year)	**0.0**													
Maximum 12-Month Total (ton/year)	**0.0**													
Monthly Emissions (lb/month)														
On-Site														
Equipment	1.2	1.4	1.5	1.7	1.8	1.9	2.1	2.0	2.1	2.1	2.1	2.4	2.2	2.4
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**1.2**	**1.4**	**1.5**	**1.7**	**1.8**	**1.9**	**2.1**	**2.0**	**2.1**	**2.1**	**2.1**	**2.4**	**2.3**	**2.4**
Off-Site Motor Vehicles	**1.7**	**1.9**	**2.2**	**2.5**	**2.7**	**3.8**	**3.9**	**4.4**	**4.4**	**4.4**	**4.3**	**4.1**	**3.9**	**3.8**
Monthly Total	**2.9**	**3.3**	**3.7**	**4.1**	**4.6**	**5.7**	**6.0**	**6.4**	**6.6**	**6.5**	**6.4**	**6.5**	**6.2**	**6.2**
Maximum On-Site Monthly Total (lb/month)	**2.4**													
Maximum Monthly Total (lb/month)	**6.6**													
Daily Emissions (lb/day)[b]														
On-Site														
Equipment	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Off-Site Motor Vehicles	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**
Daily Total	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**
Maximum On-Site Daily Total (lb/day)	**0.1**													
Maximum Off-Site Daily Total (lb/day)	**0.2**													
Maximum Daily Total (lb/day)	**0.3**													
Hourly Emissions (lb/hour)[c]														
On-Site														
Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Hourly Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Maximum On-Site Hourly Total (lb/hour)	**0.0**													
Maximum Hourly Total (lb/hour)	**0.1**													

Table 2-G (continued)
Combined Cycle Facility Construction SOx Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
12-Month Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Emissions (lb/month)													
On-Site													
Equipment	2.4	1.8	1.8	1.6	1.6	1.5	1.6	1.7	1.6	1.6	1.5	1.5	0.8
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**2.4**	**1.8**	**1.8**	**1.6**	**1.6**	**1.5**	**1.7**	**1.7**	**1.6**	**1.6**	**1.5**	**1.5**	**0.8**
Off-Site Motor Vehicles	**3.4**	**3.1**	**2.8**	**2.7**	**2.3**	**2.2**	**2.1**	**1.7**	**1.6**	**1.4**	**1.4**	**1.4**	**1.3**
Monthly Total	**5.7**	**4.9**	**4.6**	**4.3**	**3.9**	**3.7**	**3.7**	**3.4**	**3.2**	**3.1**	**2.9**	**2.9**	**2.2**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**
Off-Site Motor Vehicles	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Daily Total	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Hourly Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 2-H
Combined Cycle Facility Construction Maximum On-Site SOx Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	0.0	0.1	0.0
Motor Vehicles[a]	0.0	0.0	0.0
Maximum On-Site Total	**0.0**	**0.1**	**0.0**

[a] Emissions from source during period with maximum on-site total emissions

Table 2-I
Combined Cycle Facility Construction PM10 Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
On-Site														
Equipment	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	4.9	4.9	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.7	5.6	5.5	5.4	5.3
On-Site Total	**5.8**	**5.8**	**5.9**	**6.1**	**6.3**	**6.4**	**6.5**	**6.6**	**6.6**	**6.6**	**6.6**	**6.4**	**6.3**	**6.2**
Off-Site Motor Vehicle Exhaust and Fugitive	**2.0**	**2.1**	**2.2**	**2.2**	**2.3**	**2.3**	**2.2**	**2.1**	**2.0**	**1.9**	**1.8**	**1.7**	**1.5**	**1.4**
12-Month Total	**7.8**	**7.9**	**8.1**	**8.3**	**8.5**	**8.7**	**8.7**	**8.7**	**8.6**	**8.5**	**8.4**	**8.1**	**7.9**	**7.6**
Maximum On-Site 12-Month Total (ton/year)	**6.6**													
Maximum 12-Month Total (ton/year)	**8.7**													
Monthly Emissions (lb/month)														
On-Site														
Equipment	110.3	116.1	122.0	129.0	146.5	147.8	155.9	154.5	160.4	160.4	159.7	178.2	172.4	177.1
Motor Vehicle Exhaust	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
Fugitive	953.5	953.5	663.2	663.2	663.2	744.5	744.5	744.5	825.7	906.9	988.2	988.2	988.2	988.2
On-Site Total	**1,064.4**	**1,070.2**	**785.8**	**792.8**	**810.3**	**893.1**	**901.1**	**899.7**	**986.8**	**1,068.0**	**1,148.6**	**1,167.1**	**1,161.3**	**1,166.1**
Off-Site Motor Vehicle Exhaust and Fugitive	**171.4**	**195.2**	**225.2**	**247.7**	**276.2**	**368.7**	**383.3**	**424.2**	**427.0**	**423.6**	**421.1**	**407.4**	**389.0**	**372.8**
Monthly Total	**1,235.8**	**1,265.4**	**1,011.0**	**1,040.5**	**1,086.5**	**1,261.8**	**1,284.5**	**1,323.9**	**1,413.8**	**1,491.6**	**1,569.7**	**1,574.5**	**1,550.3**	**1,538.8**
Maximum On-Site Monthly Total (lb/month)	**1,167.1**													
Maximum Monthly Total (lb/month)	**1,574.5**													
Daily Emissions (lb/day)[b]														
On-Site														
Equipment	5.0	5.3	5.5	5.9	6.7	6.7	7.1	7.0	7.3	7.3	7.3	8.1	7.8	8.1
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	43.3	43.3	30.1	30.1	30.1	33.8	33.8	33.8	37.5	41.2	44.9	44.9	44.9	44.9
On-Site Total	**48.4**	**48.6**	**35.7**	**36.0**	**36.8**	**40.6**	**41.0**	**40.9**	**44.9**	**48.5**	**52.2**	**53.1**	**52.8**	**53.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**7.8**	**8.9**	**10.2**	**11.3**	**12.6**	**16.8**	**17.4**	**19.3**	**19.4**	**19.3**	**19.1**	**18.5**	**17.7**	**16.9**
Daily Total	**56.2**	**57.5**	**46.0**	**47.3**	**49.4**	**57.4**	**58.4**	**60.2**	**64.3**	**67.8**	**71.3**	**71.6**	**70.5**	**69.9**
Maximum On-Site Daily Total (lb/day)	**53.1**													
Maximum Off-Site Daily Total (lb/day)	**19.4**													
Maximum Daily Total (lb/day)	**71.6**													
Hourly Emissions (lb/hour)[c]														
On-Site														
Equipment	0.9	1.0	1.1	1.1	1.3	1.3	1.4	1.3	1.4	1.4	1.4	1.6	1.5	1.5
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	13.8	13.8	12.9	12.9	12.9	14.4	14.4	14.4	15.9	17.3	18.8	18.8	18.8	18.8
On-Site Total	**14.8**	**14.8**	**14.0**	**14.0**	**14.2**	**15.7**	**15.7**	**15.7**	**17.3**	**18.8**	**20.2**	**20.4**	**20.3**	**20.4**
Off-Site Motor Vehicle Exhaust and Fugitive	**4.0**	**4.5**	**5.4**	**5.9**	**6.6**	**8.5**	**8.9**	**9.6**	**9.7**	**9.5**	**9.4**	**9.3**	**8.9**	**8.5**
Hourly Total	**18.8**	**19.4**	**19.3**	**19.9**	**20.8**	**24.2**	**24.6**	**25.4**	**27.0**	**28.2**	**29.6**	**29.7**	**29.2**	**28.9**
Maximum On-Site Hourly Total (lb/hour)	**20.4**													
Maximum Hourly Total (lb/hour)	**29.7**													

Table 2-I (continued)
Combined Cycle Facility Construction PM10 Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	0.9	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.1	0.0
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	5.2	5.1	4.6	4.1	3.6	3.2	2.8	2.3	1.9	1.6	1.2	0.8	0.4
On-Site Total	**6.1**	**5.9**	**5.4**	**4.8**	**4.2**	**3.7**	**3.2**	**2.7**	**2.3**	**1.8**	**1.4**	**0.9**	**0.4**
Off-Site Motor Vehicle Exhaust and Fugitive	**1.3**	**1.2**	**1.0**	**0.9**	**0.8**	**0.7**	**0.5**	**0.4**	**0.4**	**0.3**	**0.2**	**0.1**	**0.1**
12-Month Total	**7.4**	**7.1**	**6.4**	**5.7**	**5.0**	**4.4**	**3.8**	**3.2**	**2.6**	**2.1**	**1.6**	**1.0**	**0.5**
Monthly Emissions (lb/month)													
On-Site													
Equipment	176.0	151.7	151.7	140.3	144.9	133.8	141.7	153.4	146.9	146.9	142.2	142.2	75.9
Motor Vehicle Exhaust	0.8	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Fugitive	988.2	988.2	988.2	942.3	861.0	861.0	861.0	779.8	779.8	779.8	779.8	779.8	779.8
On-Site Total	**1,165.0**	**1,140.6**	**1,140.6**	**1,083.3**	**1,006.5**	**995.4**	**1,003.3**	**933.8**	**927.3**	**927.3**	**922.6**	**922.6**	**856.3**
Off-Site Motor Vehicle Exhaust and Fugitive	**330.6**	**306.0**	**273.0**	**267.2**	**227.2**	**224.2**	**206.7**	**168.9**	**158.9**	**143.8**	**141.7**	**140.5**	**134.2**
Monthly Total	**1,495.6**	**1,446.6**	**1,413.7**	**1,350.5**	**1,233.6**	**1,219.7**	**1,210.0**	**1,102.7**	**1,086.1**	**1,071.1**	**1,064.3**	**1,063.0**	**990.5**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	8.0	6.9	6.9	6.4	6.6	6.1	6.4	7.0	6.7	6.7	6.5	6.5	3.5
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	44.9	44.9	44.9	42.8	39.1	39.1	39.1	35.4	35.4	35.4	35.4	35.4	35.4
On-Site Total	**53.0**	**51.8**	**51.8**	**49.2**	**45.7**	**45.2**	**45.6**	**42.4**	**42.1**	**42.1**	**41.9**	**41.9**	**38.9**
Off-Site Motor Vehicle Exhaust and Fugitive	**15.0**	**13.9**	**12.4**	**12.1**	**10.3**	**10.2**	**9.4**	**7.7**	**7.2**	**6.5**	**6.4**	**6.4**	**6.1**
Daily Total	**68.0**	**65.8**	**64.3**	**61.4**	**56.1**	**55.4**	**55.0**	**50.1**	**49.4**	**48.7**	**48.4**	**48.3**	**45.0**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	1.5	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	0.6
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	18.8	18.8	18.8	18.5	17.0	17.0	17.0	15.5	15.5	15.5	15.5	15.5	15.5
On-Site Total	**20.4**	**20.1**	**20.1**	**19.7**	**18.2**	**18.2**	**18.2**	**16.8**	**16.8**	**16.8**	**16.7**	**16.7**	**16.1**
Off-Site Motor Vehicle Exhaust and Fugitive	**7.5**	**6.9**	**6.1**	**5.9**	**5.2**	**5.1**	**4.7**	**4.0**	**3.8**	**3.4**	**3.3**	**3.3**	**3.2**
Hourly Total	**27.8**	**27.0**	**26.2**	**25.6**	**23.5**	**23.3**	**22.9**	**20.8**	**20.5**	**20.2**	**20.0**	**20.0**	**19.3**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 2-J
Combined Cycle Facility Construction Maximum On-Site PM10 Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	1.6	8.1	0.9
Motor Vehicle Exhaust[a]	0.0	0.0	0.0
Fugitive[a]	18.8	44.9	5.7
Maximum On-Site Total	**20.4**	**53.1**	**6.6**

[a] Emissions from source during period with maximum on-site total emissions

Table 2-K
Combined Cycle Facility Construction PM2.5 Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
On-Site														
Equipment	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
On-Site Total	**1.8**	**1.8**	**1.9**	**1.9**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**1.9**	**1.9**
Off-Site Motor Vehicle Exhaust and Fugitive	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**
12-Month Total	**2.3**	**2.4**	**2.5**	**2.5**	**2.6**	**2.6**	**2.6**	**2.6**	**2.6**	**2.5**	**2.5**	**2.4**	**2.3**	**2.3**
Maximum On-Site 12-Month Total (ton/year)	**2.0**													
Maximum 12-Month Total (ton/year)	**2.6**													
Monthly Emissions (lb/month)														
On-Site														
Equipment	96.7	102.0	107.4	113.9	128.1	129.3	136.7	135.4	140.8	140.8	139.2	155.3	149.9	154.3
Motor Vehicle Exhaust	0.5	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Fugitive	200.8	200.8	140.4	140.4	140.4	157.7	157.7	157.7	174.9	192.1	209.3	209.3	209.3	209.3
On-Site Total	**298.0**	**303.3**	**248.4**	**254.8**	**269.0**	**287.6**	**295.0**	**293.7**	**316.4**	**333.6**	**349.2**	**365.3**	**360.0**	**364.3**
Off-Site Motor Vehicle Exhaust and Fugitive	**39.7**	**44.9**	**54.1**	**59.0**	**67.2**	**100.7**	**103.8**	**126.6**	**127.3**	**122.9**	**121.2**	**104.9**	**100.9**	**97.4**
Monthly Total	**337.8**	**348.2**	**302.5**	**313.8**	**336.2**	**388.3**	**398.9**	**420.3**	**443.7**	**456.5**	**470.5**	**470.2**	**460.9**	**461.7**
Maximum On-Site Monthly Total (lb/month)	**365.3**													
Maximum Monthly Total (lb/month)	**470.5**													
Daily Emissions (lb/day)[b]														
On-Site														
Equipment	4.4	4.6	4.9	5.2	5.8	5.9	6.2	6.2	6.4	6.4	6.3	7.1	6.8	7.0
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	9.1	9.1	6.4	6.4	6.4	7.2	7.2	7.2	7.9	8.7	9.5	9.5	9.5	9.5
On-Site Total	**13.5**	**13.8**	**11.3**	**11.6**	**12.2**	**13.1**	**13.4**	**13.4**	**14.4**	**15.2**	**15.9**	**16.6**	**16.4**	**16.6**
Off-Site Motor Vehicle Exhaust and Fugitive	**1.8**	**2.0**	**2.5**	**2.7**	**3.1**	**4.6**	**4.7**	**5.8**	**5.8**	**5.6**	**5.5**	**4.8**	**4.6**	**4.4**
Daily Total	**15.4**	**15.8**	**13.7**	**14.3**	**15.3**	**17.7**	**18.1**	**19.1**	**20.2**	**20.7**	**21.4**	**21.4**	**20.9**	**21.0**
Maximum On-Site Daily Total (lb/day)	**16.6**													
Maximum Off-Site Daily Total (lb/day)	**5.8**													
Maximum Daily Total (lb/day)	**21.4**													
Hourly Emissions (lb/hour)[c]														
On-Site														
Equipment	0.8	0.3	0.5	0.5	0.7	1.0	1.0	1.3	1.3	1.1	1.0	0.8	0.7	0.7
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	2.9	2.9	2.7	2.7	2.7	3.0	3.0	3.0	3.4	3.7	4.0	4.0	4.0	4.0
On-Site Total	**3.8**	**3.3**	**3.3**	**3.3**	**3.4**	**4.0**	**4.1**	**4.4**	**4.7**	**4.8**	**5.0**	**4.8**	**4.7**	**4.7**
Off-Site Motor Vehicle Exhaust and Fugitive	**0.9**	**1.0**	**1.4**	**1.5**	**1.7**	**2.3**	**2.4**	**2.8**	**2.8**	**2.6**	**2.5**	**2.3**	**2.2**	**2.1**
Hourly Total	**4.7**	**4.3**	**4.6**	**4.7**	**5.1**	**6.4**	**6.4**	**7.1**	**7.4**	**7.3**	**7.5**	**7.1**	**6.9**	**6.8**
Maximum On-Site Hourly Total (lb/hour)	**5.0**													
Maximum Hourly Total (lb/hour)	**7.5**													

Table 2-K (continued)
Combined Cycle Facility Construction PM2.5 Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	0.8	0.7	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.1	0.0
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1
On-Site Total	**1.9**	**1.8**	**1.6**	**1.5**	**1.3**	**1.1**	**1.0**	**0.8**	**0.7**	**0.5**	**0.4**	**0.3**	**0.1**
Off-Site Motor Vehicle Exhaust and Fugitive	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**
12-Month Total	**2.2**	**2.1**	**1.9**	**1.7**	**1.5**	**1.3**	**1.1**	**1.0**	**0.8**	**0.6**	**0.5**	**0.3**	**0.1**
Monthly Emissions (lb/month)													
On-Site													
Equipment	153.3	130.9	130.9	120.4	124.6	114.5	121.7	133.5	127.5	127.5	123.1	123.1	62.2
Motor Vehicle Exhaust	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Fugitive	209.3	209.3	209.3	199.8	182.5	182.5	182.5	165.3	165.3	165.3	165.3	165.3	165.3
On-Site Total	**363.3**	**340.9**	**340.9**	**320.9**	**307.7**	**297.5**	**304.8**	**299.3**	**293.3**	**293.3**	**289.0**	**289.0**	**228.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**88.3**	**82.5**	**75.4**	**74.1**	**55.3**	**54.6**	**50.8**	**40.3**	**38.2**	**34.9**	**34.5**	**34.2**	**32.9**
Monthly Total	**451.6**	**423.4**	**416.3**	**395.0**	**362.9**	**352.1**	**355.6**	**339.6**	**331.5**	**328.2**	**323.5**	**323.2**	**260.9**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	7.0	6.0	6.0	5.5	5.7	5.2	5.5	6.1	5.8	5.8	5.6	5.6	2.8
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	9.5	9.5	9.5	9.1	8.3	8.3	8.3	7.5	7.5	7.5	7.5	7.5	7.5
On-Site Total	**16.5**	**15.5**	**15.5**	**14.6**	**14.0**	**13.5**	**13.9**	**13.6**	**13.3**	**13.3**	**13.1**	**13.1**	**10.4**
Off-Site Motor Vehicle Exhaust and Fugitive	**4.0**	**3.7**	**3.4**	**3.4**	**2.5**	**2.5**	**2.3**	**1.8**	**1.7**	**1.6**	**1.6**	**1.6**	**1.5**
Daily Total	**20.5**	**19.2**	**18.9**	**18.0**	**16.5**	**16.0**	**16.2**	**15.4**	**15.1**	**14.9**	**14.7**	**14.7**	**11.9**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	0.7	0.6	0.6	0.6	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	4.0	4.0	4.0	3.9	3.6	3.6	3.6	3.3	3.3	3.3	3.3	3.3	3.3
On-Site Total	**4.7**	**4.6**	**4.6**	**4.5**	**4.0**	**4.0**	**4.0**	**3.6**	**3.6**	**3.6**	**3.6**	**3.6**	**3.6**
Off-Site Motor Vehicle Exhaust and Fugitive	**1.9**	**1.7**	**1.6**	**1.5**	**1.2**	**1.2**	**1.1**	**1.0**	**0.9**	**0.9**	**0.8**	**0.8**	**0.8**
Hourly Total	**6.6**	**6.3**	**6.1**	**6.0**	**5.2**	**5.2**	**5.1**	**4.6**	**4.5**	**4.4**	**4.4**	**4.4**	**4.4**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 2-L
Combined Cycle Facility Construction Maximum On-Site PM2.5 Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	1.0	7.1	0.8
Motor Vehicle Exhaust[a]	0.0	0.0	0.0
Fugitive[a]	4.0	9.5	1.2
Maximum On-Site Total	**5.0**	**16.6**	**2.0**

[a] Emissions from source during period with maximum on-site total emissions

Table 3-A
Combined Cycle Facility Construction Equipment and Motor Vehicle Numbers

Equipment/Vehicle Type	Fuel	Hours or Miles/Day	Monthly Number													
			Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
Construction Equipment																
Air Compressor, Ingersoll-Rand	Diesel	4.5	4	4	4	4	4	4	4	5	5	5	5	5	5	5
Asphalt Paver, Cat A-8008	Diesel	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backhoe, Cat, 420E	Diesel	5	2	2	2	2	2	2	2	2	2	2	1	1	1	1
Compactor, Cat CS-563	Diesel	5	1	1	1	1	1	0	0	0	0	0	0	0	0	0
Crane, 150-Ton, Manitowoc	Diesel	4	0	0	0	0	1	1	2	2	2	2	2	2	1	1
Crane, 20-Ton, TR400	Diesel	5	0	0	0	1	1	1	1	1	2	2	2	2	2	2
Crane, 225-Ton, Manitowoc, 4100W	Diesel	4	0	0	0	0	0	0	0	1	1	1	1	2	2	2
Crane, 40-Ton, Grove, TR700B	Diesel	5	0	0	1	1	1	2	2	2	2	2	2	3	3	4
Loader, Cat, 938F	Diesel	5	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Trencher, Cat 140G	Diesel	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Truck, Concrete Pump, International	Diesel	4	1	2	2	2	2	2	2	1	1	1	1	1	1	1
Welder, Multiquip, BLW-300SS	Diesel	6	1	1	1	2	3	6	9	9	9	9	9	9	8	7
Welder, Multiquip, GA 3800	Gasoline	6.5	5	5	5	5	7	7	7	7	7	7	8	9	9	9
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	Gasoline	5	2	2	2	2	2	2	2	2	2	2	3	3	3	3
On-Site Fuel/Lube Truck	Gasoline	5	1	1	1	1	1	1	1	1	1	2	2	2	2	2
On-Site Flatbed Truck	Gasoline	5	2	2	2	2	2	2	2	2	3	3	3	3	3	3
On-Site Watering Truck	Diesel	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1
On-Site Dump Truck	Diesel	5	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Off-Site Vehicles																
Off-Site Flat Bed Trucks	Gasoline	20	4	4	4	4	4	9	9	15	15	20	20	20	15	15
Off-Site Asphalt Trucks	Diesel	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Cement Trucks	Diesel	20	0	0	5	5	5	5	5	6	6	3	1	1	1	1
Off-Site Construction Worker Commute	Gasoline	60	129	148	167	185	204	252	263	267	269	272	272	285	272	259
Off-Site Dump Trucks	Diesel	40	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Off-Site Low Boy Trucks	Diesel	15	0	0	0	0	5	5	5	5	5	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	20	5	5	5	5	5	5	7	12	12	10	10	10	10	10
Off-Site Pipe Hauling Trucks	Diesel	120	0	0	0	0	0	4	4	8	8	8	8	4	4	4
Off-Site Water Trucks	Diesel	5	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Off-Site Fuel/Lube Trucks	Gasoline	20	2	2	2	2	2	3	3	3	3	3	3	3	3	3

Table 3-A (continued)
Combined Cycle Facility Construction Equipment and Motor Vehicle Numbers

Equipment/Vehicle Type	Fuel	Hours or Miles/Day	Monthly Number												
			Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment															
Air Compressor, Ingersoll-Rand	Diesel	4.5	5	5	5	5	6	6	6	6	6	6	6	6	0
Asphalt Paver, Cat A-8008	Diesel	6	0	0	0	0	0	0	0	2	2	2	2	2	0
Backhoe, Cat, 420E	Diesel	5	1	1	1	1	1	1	1	1	0	0	0	0	0
Compactor, Cat CS-563	Diesel	5	0	0	0	0	0	0	1	1	1	1	1	1	0
Crane, 150-Ton, Manitowoc	Diesel	4	1	1	1	1	1	1	1	1	1	1	0	0	0
Crane, 20-Ton, TR400	Diesel	5	2	2	2	2	2	2	2	2	2	2	2	2	2
Crane, 225-Ton, Manitowoc, 4100W	Diesel	4	2	1	1	1	1	1	1	0	0	0	0	0	0
Crane, 40-Ton, Grove, TR700B	Diesel	5	4	2	2	2	2	2	2	2	2	2	2	2	2
Loader, Cat, 938F	Diesel	5	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	6	1	1	1	0	0	0	0	0	0	0	0	0	0
Trencher, Cat 140G	Diesel	6	1	1	1	1	1	0	0	0	0	0	0	0	0
Truck, Concrete Pump, International	Diesel	4	1	0	0	0	0	0	0	0	0	0	0	0	0
Welder, Multiquip, BLW-300SS	Diesel	6	6	6	6	6	5	5	5	5	5	5	5	5	5
Welder, Multiquip, GA 3800	Gasoline	6.5	9	9	9	9	9	9	9	8	8	8	8	8	8
Motor Vehicles															
On-site Vehicles															
On-Site Welding Truck	Gasoline	5	3	3	3	3	3	3	3	3	3	3	3	3	3
On-Site Fuel/Lube Truck	Gasoline	5	2	2	2	2	2	2	2	1	1	1	1	1	1
On-Site Flatbed Truck	Gasoline	5	3	3	3	3	3	3	3	3	3	3	3	3	3
On-Site Watering Truck	Diesel	8	1	1	1	1	1	1	1	1	1	1	1	1	1
On-Site Dump Truck	Diesel	5	2	2	2	2	1	1	1	1	1	1	1	1	1
Off-Site Vehicles															
Off-Site Flat Bed Trucks	Gasoline	20	10	10	10	5	5	1	1	1	1	1	1	1	1
Off-Site Asphalt Trucks	Diesel	20	0	0	0	0	0	0	0	2	2	2	2	2	2
Off-Site Cement Trucks	Diesel	20	1	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Construction Worker Commute	Gasoline	60	227	210	184	181	167	166	152	126	118	106	105	104	99
Off-Site Dump Trucks	Diesel	40	2	2	2	2	2	2	2	2	2	2	2	2	2
Off-Site Low Boy Trucks	Diesel	15	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	20	10	5	5	5	5	5	5	5	5	5	3	3	3
Off-Site Pipe Hauling Trucks	Diesel	120	4	4	4	4	1	1	1	0	0	0	0	0	0
Off-Site Water Trucks	Diesel	5	2	2	2	2	2	2	2	1	1	1	1	1	1
Off-Site Fuel/Lube Trucks	Gasoline	20	3	3	2	2	2	2	2	2	2	2	2	2	2

Table 3-B
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle Use

Equipment/Vehicle Type	Fuel	Monthly Operating Hours or Miles[a]														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	Diesel	396	396	396	396	396	396	396	495	495	495	495	495	495	495	495
Asphalt Paver, Cat A-8008	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backhoe, Cat, 420E	Diesel	220	220	220	220	220	220	220	220	220	220	110	110	110	110	110
Compactor, Cat CS-563	Diesel	110	110	110	110	110	0	0	0	0	0	0	0	0	0	0
Crane, 150-Ton, Manitowoc	Diesel	0	0	0	0	88	88	176	176	176	176	176	176	88	88	88
Crane, 20-Ton, TR400	Diesel	0	0	0	110	110	110	110	110	220	220	220	220	220	220	220
Crane, 225-Ton, Manitowoc, 4100W	Diesel	0	0	0	0	0	0	0	88	88	88	88	176	176	176	176
Crane, 40-Ton, Grove, TR700B	Diesel	0	0	110	110	110	220	220	220	220	220	220	330	330	440	440
Loader, Cat, 938F	Diesel	110	110	110	110	110	110	110	0	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
Trencher, Cat 140G	Diesel	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
Truck, Concrete Pump, International	Diesel	88	176	176	176	176	176	176	88	88	88	88	88	88	88	88
Welder, Multiquip, BLW-300SS	Diesel	132	132	132	264	396	792	1,188	1,188	1,188	1,188	1,188	1,188	1,056	924	792
Welder, Multiquip, GA 3800	Gasoline	715	715	715	715	1,001	1,001	1,001	1,001	1,001	1,001	1,144	1,287	1,287	1,287	1,287
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	Gasoline	220	220	220	220	220	220	220	220	220	220	330	330	330	330	330
On-Site Fuel/Lube Truck	Gasoline	110	110	110	110	110	110	110	110	110	220	220	220	220	220	220
On-Site Flatbed Truck	Gasoline	220	220	220	220	220	220	220	220	330	330	330	330	330	330	330
On-Site Watering Truck	Diesel	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176
On-Site Dump Truck	Diesel	110	110	110	110	110	220	220	220	220	220	220	220	220	220	220
Off-Site Vehicles																
Off-Site Flat Bed Trucks	Gasoline	1,760	1,760	1,760	1,760	1,760	3,960	3,960	6,600	6,600	8,800	8,800	8,800	6,600	6,600	4,400
Off-Site Asphalt Trucks	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Cement Trucks	Diesel	0	0	2,200	2,200	2,200	2,200	2,200	2,640	2,640	1,320	440	440	440	440	440
Off-Site Construction Worker Commute	Gasoline	170,280	195,360	220,440	244,200	269,280	332,640	347,160	352,440	355,080	359,040	359,040	376,200	359,040	341,880	299,640
Off-Site Dump Trucks	Diesel	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760
Off-Site Low Boy Trucks	Diesel	0	0	0	0	1,650	1,650	1,650	1,650	1,650	0	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	2,200	2,200	2,200	2,200	2,200	2,200	3,080	5,280	5,280	4,400	4,400	4,400	4,400	4,400	4,400
Off-Site Pipe Hauling Trucks	Diesel	0	0	0	0	0	10,560	10,560	21,120	21,120	21,120	21,120	10,560	10,560	10,560	10,560
Off-Site Water Trucks	Diesel	110	110	110	110	110	110	110	110	220	220	220	220	220	220	220
Off-Site Fuel/Lube Trucks	Gasoline	880	880	880	880	880	1,320	1,320	1,320	1,320	1,320	1,320	1,320	1,320	1,320	1,320

Table 3-B (continued)
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle Use

Equipment/Vehicle Type	Fuel	Monthly Operating Hours or Miles[a]											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	Diesel	495	495	495	594	594	594	594	594	594	594	594	0
Asphalt Paver, Cat A-8008	Diesel	0	0	0	0	0	0	264	264	264	264	264	0
Backhoe, Cat, 420E	Diesel	110	110	110	110	110	110	110	0	0	0	0	0
Compactor, Cat CS-563	Diesel	0	0	0	0	0	110	110	110	110	110	110	0
Crane, 150-Ton, Manitowoc	Diesel	88	88	88	88	88	88	88	88	88	0	0	0
Crane, 20-Ton, TR400	Diesel	220	220	220	220	220	220	220	220	220	220	220	220
Crane, 225-Ton, Manitowoc, 4100W	Diesel	88	88	88	88	88	88	0	0	0	0	0	0
Crane, 40-Ton, Grove, TR700B	Diesel	220	220	220	220	220	220	220	220	220	220	220	220
Loader, Cat, 938F	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	132	132	0	0	0	0	0	0	0	0	0	0
Trencher, Cat 140G	Diesel	132	132	132	132	0	0	0	0	0	0	0	0
Truck, Concrete Pump, International	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Welder, Multiquip, BLW-300SS	Diesel	792	792	792	660	660	660	660	660	660	660	660	660
Welder, Multiquip, GA 3800	Gasoline	1,287	1,287	1,287	1,287	1,287	1,287	1,144	1,144	1,144	1,144	1,144	1,144
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	Gasoline	330	330	330	330	330	330	330	330	330	330	330	330
On-Site Fuel/Lube Truck	Gasoline	220	220	220	220	220	220	110	110	110	110	110	110
On-Site Flatbed Truck	Gasoline	330	330	330	330	330	330	330	330	330	330	330	330
On-Site Watering Truck	Diesel	176	176	176	176	176	176	176	176	176	176	176	176
On-Site Dump Truck	Diesel	220	220	220	110	110	110	110	110	110	110	110	110
Off-Site Vehicles													
Off-Site Flat Bed Trucks	Gasoline	4,400	4,400	2,200	2,200	440	440	440	440	440	440	440	440
Off-Site Asphalt Trucks	Diesel	0	0	0	0	0	0	880	880	880	880	880	880
Off-Site Cement Trucks	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Construction Worker Commute	Gasoline	277,200	242,880	238,920	220,440	219,120	200,640	166,320	155,760	139,920	138,600	137,280	130,680
Off-Site Dump Trucks	Diesel	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760
Off-Site Low Boy Trucks	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	1,320	1,320	1,320
Off-Site Pipe Hauling Trucks	Diesel	10,560	10,560	10,560	2,640	2,640	2,640	0	0	0	0	0	0
Off-Site Water Trucks	Diesel	220	220	220	220	220	220	110	110	110	110	110	110
Off-Site Fuel/Lube Trucks	Gasoline	1,320	880	880	880	880	880	880	880	880	880	880	880

a Based on 22 working days per month

Table 3-C
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle CO Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.3383	134.0	134.0	134.0	134.0	134.0	134.0	134.0	167.5	167.5	167.5	167.5	167.5	167.5	167.5	167.5
Asphalt Paver, Cat A-8008	0.5351	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.3700	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	40.7	40.7	40.7	40.7	40.7
Compactor, Cat CS-563	0.6339	69.7	69.7	69.7	69.7	69.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	0.3877	0.0	0.0	0.0	0.0	34.1	34.1	68.2	68.2	68.2	68.2	68.2	68.2	34.1	34.1	34.1
Crane, 20-Ton, TR400	0.3877	0.0	0.0	0.0	42.6	42.6	42.6	42.6	42.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3
Crane, 225-Ton, Manitowoc, 4100W	0.7754	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.2	68.2	68.2	68.2	136.5	136.5	136.5	136.5
Crane, 40-Ton, Grove, TR700B	0.3877	0.0	0.0	42.6	42.6	42.6	85.3	85.3	85.3	85.3	85.3	85.3	127.9	127.9	170.6	170.6
Loader, Cat, 938F	0.6377	70.2	70.2	70.2	70.2	70.2	70.2	70.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.7480	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
Trencher, Cat 140G	0.4959	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
Truck, Concrete Pump, International	0.4795	42.2	84.4	84.4	84.4	84.4	84.4	84.4	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
Welder, Multiquip, BLW-300SS	0.0703	9.3	9.3	9.3	18.5	27.8	55.6	83.5	83.5	83.5	83.5	83.5	83.5	74.2	64.9	55.6
Welder, Multiquip, GA 3800	3.8508	2,753.3	2,753.3	2,753.3	2,753.3	3,854.7	3,854.7	3,854.7	3,854.7	3,854.7	3,854.7	4,405.4	4,956.0	4,956.0	4,956.0	4,956.0
Construction Equipment Total		**3,324.3**	**3,366.5**	**3,409.1**	**3,461.0**	**4,605.7**	**4,606.5**	**4,668.4**	**4,657.8**	**4,700.5**	**4,700.5**	**5,210.4**	**5,872.0**	**5,828.6**	**5,862.0**	**5,852.7**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.0105	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.5	3.5	3.5	3.5	3.5
On-Site Fuel/Lube Truck	0.0105	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.3	2.3	2.3	2.3	2.3	2.3
On-Site Flatbed Truck	0.0757	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	25.0	25.0	25.0	25.0	25.0	25.0	25.0
On-Site Watering Truck	0.0107	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
On-Site Dump Truck	0.0107	1.2	1.2	1.2	1.2	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0105	18.5	18.5	18.5	18.5	18.5	41.5	41.5	69.2	69.2	92.3	92.3	92.3	69.2	69.2	46.2
Off-Site Asphalt Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.0107	0.0	0.0	23.6	23.6	23.6	23.6	23.6	28.3	28.3	14.2	4.7	4.7	4.7	4.7	4.7
Off-Site Construction Worker Commute	0.0170	2,891.1	3,316.9	3,742.7	4,146.1	4,571.9	5,647.7	5,894.2	5,983.9	6,028.7	6,095.9	6,095.9	6,387.3	6,095.9	5,804.6	5,087.4
Off-Site Dump Trucks	0.0107	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
Off-Site Low Boy Trucks	0.0107	0.0	0.0	0.0	0.0	17.7	17.7	17.7	17.7	17.7	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0170	37.4	37.4	37.4	37.4	37.4	37.4	52.3	89.6	89.6	74.7	74.7	74.7	74.7	74.7	74.7
Off-Site Pipe Hauling Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	113.3	113.3	226.7	226.7	226.7	226.7	113.3	113.3	113.3	113.3
Off-Site Water Trucks	0.0107	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Off-Site Fuel/Lube Trucks	0.0105	9.2	9.2	9.2	9.2	9.2	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
On-Site Motor Vehicle Total		**23.2**	**23.2**	**23.2**	**23.2**	**23.2**	**24.4**	**24.4**	**24.4**	**32.7**	**33.8**	**35.0**	**35.0**	**35.0**	**35.0**	**35.0**
Off-Site Motor Vehicle Total		**2,976.2**	**3,402.0**	**3,851.4**	**4,254.8**	**4,698.4**	**5,915.1**	**6,176.6**	**6,449.4**	**6,495.4**	**6,538.9**	**6,529.4**	**6,707.4**	**6,393.0**	**6,101.6**	**5,361.4**

Table 3-C (continued)
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle CO Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.3383	167.5	167.5	167.5	201.0	201.0	201.0	201.0	201.0	201.0	201.0	201.0	0.0
Asphalt Paver, Cat A-8008	0.5351	0.0	0.0	0.0	0.0	0.0	0.0	141.3	141.3	141.3	141.3	141.3	0.0
Backhoe, Cat, 420E	0.3700	40.7	40.7	40.7	40.7	40.7	40.7	40.7	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	0.6339	0.0	0.0	0.0	0.0	0.0	69.7	69.7	69.7	69.7	69.7	69.7	0.0
Crane, 150-Ton, Manitowoc	0.3877	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.3877	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
Crane, 225-Ton, Manitowoc, 4100W	0.7754	68.2	68.2	68.2	68.2	68.2	68.2	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	0.3877	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
Loader, Cat, 938F	0.6377	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.7480	98.7	98.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.4959	65.5	65.5	65.5	65.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.4795	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.0703	55.6	55.6	55.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Welder, Multiquip, GA 3800	3.8508	4,956.0	4,956.0	4,956.0	4,956.0	4,956.0	4,956.0	4,405.4	4,405.4	4,405.4	4,405.4	4,405.4	4,405.4
Construction Equipment Total		**5,657.0**	**5,657.0**	**5,558.2**	**5,582.5**	**5,517.0**	**5,586.7**	**5,109.1**	**5,068.4**	**5,068.4**	**5,034.3**	**5,034.3**	**4,622.3**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.0105	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
On-Site Fuel/Lube Truck	0.0105	2.3	2.3	2.3	2.3	2.3	2.3	1.2	1.2	1.2	1.2	1.2	1.2
On-Site Flatbed Truck	0.0757	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
On-Site Watering Truck	0.0107	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
On-Site Dump Truck	0.0107	2.4	2.4	2.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0105	46.2	46.2	23.1	23.1	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Off-Site Asphalt Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	9.4	9.4	9.4	9.4	9.4	9.4
Off-Site Cement Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0170	4,706.4	4,123.7	4,056.5	3,742.7	3,720.3	3,406.5	2,823.8	2,644.5	2,375.6	2,353.2	2,330.8	2,218.7
Off-Site Dump Trucks	0.0107	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
Off-Site Low Boy Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0170	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	22.4	22.4	22.4
Off-Site Pipe Hauling Trucks	0.0107	113.3	113.3	113.3	28.3	28.3	28.3	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.0107	2.4	2.4	2.4	2.4	2.4	2.4	1.2	1.2	1.2	1.2	1.2	1.2
Off-Site Fuel/Lube Trucks	0.0105	13.8	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
On-Site Motor Vehicle Total		**35.0**	**35.0**	**35.0**	**33.8**	**33.8**	**33.8**	**32.7**	**32.7**	**32.7**	**32.7**	**32.7**	**32.7**
Off-Site Motor Vehicle Total		**4,938.3**	**4,351.0**	**4,260.7**	**3,862.0**	**3,821.1**	**3,507.3**	**2,904.6**	**2,725.3**	**2,456.3**	**2,419.0**	**2,396.6**	**2,284.5**

Note: Totals may not match sum of individual values because of rounding.

Table 3-D
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle VOC Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.1102	43.6	43.6	43.6	43.6	43.6	43.6	43.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
Asphalt Paver, Cat A-8008	0.1821	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.1082	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	11.9	11.9	11.9	11.9	11.9
Compactor, Cat CS-563	0.1651	18.2	18.2	18.2	18.2	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	0.1391	0.0	0.0	0.0	0.0	12.2	12.2	24.5	24.5	24.5	24.5	24.5	24.5	12.2	12.2	12.2
Crane, 20-Ton, TR400	0.1391	0.0	0.0	0.0	15.3	15.3	15.3	15.3	15.3	30.6	30.6	30.6	30.6	30.6	30.6	30.6
Crane, 225-Ton, Manitowoc, 4100W	0.2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	17.7	17.7	17.7	35.4	35.4	35.4	35.4
Crane, 40-Ton, Grove, TR700B	0.1391	0.0	0.0	15.3	15.3	15.3	30.6	30.6	30.6	30.6	30.6	30.6	45.9	45.9	61.2	61.2
Loader, Cat, 938F	0.1657	18.2	18.2	18.2	18.2	18.2	18.2	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.1954	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
Trencher, Cat 140G	0.1676	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
Truck, Concrete Pump, International	0.1821	16.0	32.0	32.0	32.0	32.0	32.0	32.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
Welder, Multiquip, BLW-300SS	0.0278	3.7	3.7	3.7	7.3	11.0	22.0	33.0	33.0	33.0	33.0	33.0	33.0	29.4	25.7	22.0
Welder, Multiquip, GA 3800	0.1425	101.9	101.9	101.9	101.9	142.7	142.7	142.7	142.7	142.7	142.7	163.0	183.4	183.4	183.4	183.4
Construction Equipment Total		**273.4**	**289.4**	**304.7**	**323.6**	**380.3**	**388.5**	**411.7**	**406.1**	**421.4**	**421.4**	**429.8**	**483.2**	**467.3**	**478.9**	**475.2**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.0007	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
On-Site Fuel/Lube Truck	0.0007	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Flatbed Truck	0.0052	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
On-Site Watering Truck	0.0030	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
On-Site Dump Truck	0.0030	0.3	0.3	0.3	0.3	0.3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0007	1.2	1.2	1.2	1.2	1.2	2.7	2.7	4.5	4.5	6.0	6.0	6.0	4.5	4.5	3.0
Off-Site Asphalt Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.0030	0.0	0.0	6.5	6.5	6.5	6.5	6.5	7.8	7.8	3.9	1.3	1.3	1.3	1.3	1.3
Off-Site Construction Worker Commute	0.0010	175.7	201.6	227.4	252.0	277.8	343.2	358.2	363.6	366.4	370.5	370.5	388.2	370.5	352.7	309.2
Off-Site Dump Trucks	0.0030	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Off-Site Low Boy Trucks	0.0030	0.0	0.0	0.0	0.0	4.9	4.9	4.9	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0010	2.3	2.3	2.3	2.3	2.3	2.3	3.2	5.4	5.4	4.5	4.5	4.5	4.5	4.5	4.5
Off-Site Pipe Hauling Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	31.3	31.3	62.7	62.7	62.7	62.7	31.3	31.3	31.3	31.3
Off-Site Water Trucks	0.0030	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Off-Site Fuel/Lube Trucks	0.0007	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
On-Site Motor Vehicle Total		**2.2**	**2.2**	**2.2**	**2.2**	**2.2**	**2.5**	**2.5**	**2.5**	**3.1**	**3.2**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**
Off-Site Motor Vehicle Total		**185.3**	**211.2**	**243.6**	**268.1**	**298.9**	**397.4**	**413.3**	**455.4**	**458.5**	**454.3**	**451.7**	**438.1**	**418.9**	**401.2**	**356.1**

Table 3-D (continued)
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle VOC Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.1102	54.6	54.6	54.6	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	0.0
Asphalt Paver, Cat A-8008	0.1821	0.0	0.0	0.0	0.0	0.0	0.0	48.1	48.1	48.1	48.1	48.1	0.0
Backhoe, Cat, 420E	0.1082	11.9	11.9	11.9	11.9	11.9	11.9	11.9	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	0.1651	0.0	0.0	0.0	0.0	0.0	18.2	18.2	18.2	18.2	18.2	18.2	0.0
Crane, 150-Ton, Manitowoc	0.1391	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.1391	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
Crane, 225-Ton, Manitowoc, 4100W	0.2010	17.7	17.7	17.7	17.7	17.7	17.7	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	0.1391	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
Loader, Cat, 938F	0.1657	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.1954	25.8	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.1676	22.1	22.1	22.1	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.1821	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.0278	22.0	22.0	22.0	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
Welder, Multiquip, GA 3800	0.1425	183.4	183.4	183.4	183.4	183.4	183.4	163.0	163.0	163.0	163.0	163.0	163.0
Construction Equipment Total		**410.9**	**410.9**	**385.1**	**392.4**	**370.2**	**388.4**	**398.4**	**386.5**	**386.5**	**374.3**	**374.3**	**242.6**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.0007	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
On-Site Fuel/Lube Truck	0.0007	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Flatbed Truck	0.0052	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
On-Site Watering Truck	0.0030	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
On-Site Dump Truck	0.0030	0.7	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0007	3.0	3.0	1.5	1.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Asphalt Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6
Off-Site Cement Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0010	286.0	250.6	246.5	227.4	226.1	207.0	171.6	160.7	144.4	143.0	141.6	134.8
Off-Site Dump Trucks	0.0030	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Off-Site Low Boy Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0010	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.4	1.4	1.4
Off-Site Pipe Hauling Trucks	0.0030	31.3	31.3	31.3	7.8	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.0030	0.7	0.7	0.7	0.7	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Fuel/Lube Trucks	0.0007	0.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
On-Site Motor Vehicle Total		**3.3**	**3.3**	**3.3**	**2.9**	**2.9**	**2.9**	**2.9**	**2.9**	**2.9**	**2.9**	**2.9**	**2.9**
Off-Site Motor Vehicle Total		**329.4**	**293.7**	**288.1**	**245.5**	**243.0**	**223.9**	**182.9**	**172.0**	**155.7**	**153.4**	**152.1**	**145.3**

Note: Totals may not match sum of individual values because of rounding.

Table 3-E
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle NOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.6466	256.1	256.1	256.1	256.1	256.1	256.1	256.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1
Asphalt Paver, Cat A-8008	1.0649	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.6504	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	143.1	71.5	71.5	71.5	71.5	71.5
Compactor, Cat CS-563	1.3421	147.6	147.6	147.6	147.6	147.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	1.3855	0.0	0.0	0.0	0.0	121.9	121.9	243.8	243.8	243.8	243.8	243.8	243.8	121.9	121.9	121.9
Crane, 20-Ton, TR400	1.3855	0.0	0.0	0.0	152.4	152.4	152.4	152.4	152.4	304.8	304.8	304.8	304.8	304.8	304.8	304.8
Crane, 225-Ton, Manitowoc, 4100W	1.9859	0.0	0.0	0.0	0.0	0.0	0.0	0.0	174.8	174.8	174.8	174.8	349.5	349.5	349.5	349.5
Crane, 40-Ton, Grove, TR700B	1.3855	0.0	0.0	152.4	152.4	152.4	304.8	304.8	304.8	304.8	304.8	304.8	457.2	457.2	609.6	609.6
Loader, Cat, 938F	1.3017	143.2	143.2	143.2	143.2	143.2	143.2	143.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	1.5287	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8
Trencher, Cat 140G	0.9951	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4	131.4
Truck, Concrete Pump, International	1.8601	163.7	327.4	327.4	327.4	327.4	327.4	327.4	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7
Welder, Multiquip, BLW-300SS	0.1128	14.9	14.9	14.9	29.8	44.7	89.3	134.0	134.0	134.0	134.0	134.0	134.0	119.1	104.2	89.3
Welder, Multiquip, GA 3800	0.0512	36.6	36.6	36.6	36.6	51.3	51.3	51.3	51.3	51.3	51.3	58.6	65.9	65.9	65.9	65.9
Construction Equipment Total		**1,238.3**	**1,402.0**	**1,554.4**	**1,721.7**	**1,873.2**	**1,922.6**	**2,089.2**	**2,021.1**	**2,173.5**	**2,173.5**	**2,109.2**	**2,443.7**	**2,306.9**	**2,444.5**	**2,429.6**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.0017	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6
On-Site Fuel/Lube Truck	0.0017	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4
On-Site Flatbed Truck	0.0122	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0
On-Site Watering Truck	0.0415	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
On-Site Dump Truck	0.0415	4.6	4.6	4.6	4.6	4.6	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0017	3.0	3.0	3.0	3.0	3.0	6.7	6.7	11.1	11.1	14.8	14.8	14.8	11.1	11.1	7.4
Off-Site Asphalt Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.0415	0.0	0.0	91.3	91.3	91.3	91.3	91.3	109.5	109.5	54.8	18.3	18.3	18.3	18.3	18.3
Off-Site Construction Worker Commute	0.0016	274.5	315.0	355.4	393.7	434.1	536.3	559.7	568.2	572.4	578.8	578.8	606.5	578.8	551.2	483.1
Off-Site Dump Trucks	0.0415	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
Off-Site Low Boy Trucks	0.0415	0.0	0.0	0.0	0.0	68.5	68.5	68.5	68.5	68.5	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0016	3.5	3.5	3.5	3.5	3.5	3.5	5.0	8.5	8.5	7.1	7.1	7.1	7.1	7.1	7.1
Off-Site Pipe Hauling Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	438.1	438.1	876.3	876.3	876.3	876.3	438.1	438.1	438.1	438.1
Off-Site Water Trucks	0.0415	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	9.1	9.1	9.1	9.1	9.1	9.1	9.1
Off-Site Fuel/Lube Trucks	0.0017	1.5	1.5	1.5	1.5	1.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
On-Site Motor Vehicle Total		**15.1**	**15.1**	**15.1**	**15.1**	**15.1**	**19.7**	**19.7**	**19.7**	**21.0**	**21.2**	**21.4**	**21.4**	**21.4**	**21.4**	**21.4**
Off-Site Motor Vehicle Total		**360.1**	**400.5**	**532.2**	**570.5**	**679.4**	**1,224.2**	**1,249.0**	**1,721.9**	**1,730.7**	**1,616.1**	**1,579.6**	**1,169.1**	**1,137.8**	**1,110.1**	**1,038.3**

Table 3-E (continued)
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle NOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.6466	320.1	320.1	320.1	384.1	384.1	384.1	384.1	384.1	384.1	384.1	384.1	0.0
Asphalt Paver, Cat A-8008	1.0649	0.0	0.0	0.0	0.0	0.0	0.0	281.1	281.1	281.1	281.1	281.1	0.0
Backhoe, Cat, 420E	0.6504	71.5	71.5	71.5	71.5	71.5	71.5	71.5	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	1.3421	0.0	0.0	0.0	0.0	0.0	147.6	147.6	147.6	147.6	147.6	147.6	0.0
Crane, 150-Ton, Manitowoc	1.3855	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	0.0	0.0	0.0
Crane, 20-Ton, TR400	1.3855	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8
Crane, 225-Ton, Manitowoc, 4100W	1.9859	174.8	174.8	174.8	174.8	174.8	174.8	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	1.3855	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8	304.8
Loader, Cat, 938F	1.3017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	1.5287	201.8	201.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.9951	131.4	131.4	131.4	131.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	1.8601	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.1128	89.3	89.3	89.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
Welder, Multiquip, GA 3800	0.0512	65.9	65.9	65.9	65.9	65.9	65.9	58.6	58.6	58.6	58.6	58.6	58.6
Construction Equipment Total		**1,786.3**	**1,786.3**	**1,584.5**	**1,633.7**	**1,502.3**	**1,649.9**	**1,749.0**	**1,677.4**	**1,677.4**	**1,555.5**	**1,555.5**	**742.7**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.0017	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
On-Site Fuel/Lube Truck	0.0017	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
On-Site Flatbed Truck	0.0122	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
On-Site Watering Truck	0.0415	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
On-Site Dump Truck	0.0415	9.1	9.1	9.1	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0017	7.4	7.4	3.7	3.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Off-Site Asphalt Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	36.5	36.5	36.5	36.5	36.5	36.5
Off-Site Cement Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0016	446.9	391.6	385.2	355.4	353.3	323.5	268.1	251.1	225.6	223.4	221.3	210.7
Off-Site Dump Trucks	0.0415	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
Off-Site Low Boy Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0016	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.1	2.1	2.1
Off-Site Pipe Hauling Trucks	0.0415	438.1	438.1	438.1	109.5	109.5	109.5	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.0415	9.1	9.1	9.1	9.1	9.1	9.1	4.6	4.6	4.6	4.6	4.6	4.6
Off-Site Fuel/Lube Trucks	0.0017	2.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
On-Site Motor Vehicle Total		**21.4**	**21.4**	**21.4**	**16.8**	**16.8**	**16.8**	**16.6**	**16.6**	**16.6**	**16.6**	**16.6**	**16.6**
Off-Site Motor Vehicle Total		**980.3**	**924.3**	**914.2**	**555.8**	**550.7**	**520.9**	**388.0**	**371.0**	**345.4**	**341.9**	**339.8**	**329.1**

Note: Totals may not match sum of individual values because of rounding.

Table 3-F
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle SOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.00055	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Asphalt Paver, Cat A-8008	0.00081	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.00061	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Compactor, Cat CS-563	0.00122	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	0.00126	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Crane, 20-Ton, TR400	0.00126	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Crane, 225-Ton, Manitowoc, 4100W	0.00177	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Crane, 40-Ton, Grove, TR700B	0.00126	0.0	0.0	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.6	0.6
Loader, Cat, 938F	0.00120	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.00139	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Trencher, Cat 140G	0.00076	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Truck, Concrete Pump, International	0.00187	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Welder, Multiquip, BLW-300SS	0.00014	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
Welder, Multiquip, GA 3800	0.00015	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Construction Equipment Total		**1.2**	**1.4**	**1.5**	**1.7**	**1.8**	**1.9**	**2.1**	**2.0**	**2.1**	**2.1**	**2.1**	**2.4**	**2.2**	**2.4**	**2.4**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Dump Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Asphalt Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00004	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00001	1.6	1.8	2.0	2.2	2.5	3.1	3.2	3.2	3.3	3.3	3.3	3.5	3.3	3.1	2.8
Off-Site Dump Trucks	0.00004	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Low Boy Trucks	0.00004	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4
Off-Site Water Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**1.7**	**1.9**	**2.2**	**2.5**	**2.7**	**3.8**	**3.9**	**4.4**	**4.4**	**4.4**	**4.3**	**4.1**	**3.9**	**3.8**	**3.4**

Table 3-F (continued)
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle SOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.00055	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0
Asphalt Paver, Cat A-8008	0.00081	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.0
Backhoe, Cat, 420E	0.00061	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	0.00122	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Crane, 150-Ton, Manitowoc	0.00126	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.00126	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Crane, 225-Ton, Manitowoc, 4100W	0.00177	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	0.00126	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Loader, Cat, 938F	0.00120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.00139	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.00076	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.00187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00014	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Welder, Multiquip, GA 3800	0.00015	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Construction Equipment Total		**1.8**	**1.8**	**1.6**	**1.6**	**1.5**	**1.6**	**1.7**	**1.6**	**1.6**	**1.5**	**1.5**	**0.8**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Dump Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00001	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00001	2.6	2.2	2.2	2.0	2.0	1.8	1.5	1.4	1.3	1.3	1.3	1.2
Off-Site Dump Trucks	0.00004	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Low Boy Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00004	0.4	0.4	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**3.1**	**2.8**	**2.7**	**2.3**	**2.2**	**2.1**	**1.7**	**1.6**	**1.4**	**1.4**	**1.4**	**1.3**

Note: Totals may not match sum of individual values because of rounding.

Table 3-G
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle Exhaust PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.05731	22.7	22.7	22.7	22.7	22.7	22.7	22.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
Asphalt Paver, Cat A-8008	0.09228	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.05940	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	6.5	6.5	6.5	6.5	6.5
Compactor, Cat CS-563	0.07161	7.9	7.9	7.9	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	0.05343	0.0	0.0	0.0	0.0	4.7	4.7	9.4	9.4	9.4	9.4	9.4	9.4	4.7	4.7	4.7
Crane, 20-Ton, TR400	0.05343	0.0	0.0	0.0	5.9	5.9	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Crane, 225-Ton, Manitowoc, 4100W	0.07702	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	6.8	6.8	6.8	13.6	13.6	13.6	13.6
Crane, 40-Ton, Grove, TR700B	0.05343	0.0	0.0	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	11.8	17.6	17.6	23.5	23.5
Loader, Cat, 938F	0.07325	8.1	8.1	8.1	8.1	8.1	8.1	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.08638	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
Trencher, Cat 140G	0.08367	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Truck, Concrete Pump, International	0.06588	5.8	11.6	11.6	11.6	11.6	11.6	11.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
Welder, Multiquip, BLW-300SS	0.00841	1.1	1.1	1.1	2.2	3.3	6.7	10.0	10.0	10.0	10.0	10.0	10.0	8.9	7.8	6.7
Welder, Multiquip, GA 3800	0.04095	29.3	29.3	29.3	29.3	41.0	41.0	41.0	41.0	41.0	41.0	46.9	52.7	52.7	52.7	52.7
Construction Equipment Total		**110.3**	**116.1**	**122.0**	**129.0**	**146.5**	**147.8**	**155.9**	**154.5**	**160.4**	**160.4**	**159.7**	**178.2**	**172.4**	**177.1**	**176.0**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00183	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
On-Site Dump Truck	0.00183	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00006	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.3
Off-Site Asphalt Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00183	0.0	0.0	4.0	4.0	4.0	4.0	4.0	4.8	4.8	2.4	0.8	0.8	0.8	0.8	0.8
Off-Site Construction Worker Commute	0.00005	7.8	9.0	10.2	11.2	12.4	15.3	16.0	16.2	16.4	16.5	16.5	17.3	16.5	15.7	13.8
Off-Site Dump Trucks	0.00183	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Off-Site Low Boy Trucks	0.00183	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Pipe Hauling Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	19.4	19.4	38.7	38.7	38.7	38.7	19.4	19.4	19.4	19.4
Off-Site Water Trucks	0.00183	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Off-Site Fuel/Lube Trucks	0.00006	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Motor Vehicle Total		**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.7**	**0.7**	**0.7**	**0.7**	**0.8**	**0.8**	**0.8**	**0.8**	**0.8**	**0.8**
Off-Site Motor Vehicle Total		**11.5**	**12.7**	**17.9**	**19.0**	**23.2**	**45.6**	**46.3**	**67.0**	**67.3**	**62.1**	**60.5**	**41.9**	**41.0**	**40.2**	**38.1**

Table 3-G (continued)
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle Exhaust PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.05731	28.4	28.4	28.4	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	0.0
Asphalt Paver, Cat A-8008	0.09228	0.0	0.0	0.0	0.0	0.0	0.0	24.4	24.4	24.4	24.4	24.4	0.0
Backhoe, Cat, 420E	0.05940	6.5	6.5	6.5	6.5	6.5	6.5	6.5	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	0.07161	0.0	0.0	0.0	0.0	0.0	7.9	7.9	7.9	7.9	7.9	7.9	0.0
Crane, 150-Ton, Manitowoc	0.05343	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.05343	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Crane, 225-Ton, Manitowoc, 4100W	0.07702	6.8	6.8	6.8	6.8	6.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	0.05343	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Loader, Cat, 938F	0.07325	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.08638	11.4	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.08367	11.0	11.0	11.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.06588	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00841	6.7	6.7	6.7	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Welder, Multiquip, GA 3800	0.04095	52.7	52.7	52.7	52.7	52.7	52.7	46.9	46.9	46.9	46.9	46.9	46.9
Construction Equipment Total		**151.7**	**151.7**	**140.3**	**144.9**	**133.8**	**141.7**	**153.4**	**146.9**	**146.9**	**142.2**	**142.2**	**75.9**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00183	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
On-Site Dump Truck	0.00183	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00006	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	1.6
Off-Site Cement Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00005	12.8	11.2	11.0	10.2	10.1	9.2	7.7	7.2	6.4	6.4	6.3	6.0
Off-Site Dump Trucks	0.00183	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Off-Site Low Boy Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00005	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Pipe Hauling Trucks	0.00183	19.4	19.4	19.4	4.8	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00183	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Fuel/Lube Trucks	0.00006	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Motor Vehicle Total		**0.8**	**0.8**	**0.8**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**
Off-Site Motor Vehicle Total		**36.2**	**34.6**	**34.3**	**18.9**	**18.7**	**17.9**	**12.9**	**12.4**	**11.7**	**11.6**	**11.5**	**11.2**

Note: Totals may not match sum of individual values because of rounding.

Table 3-H
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle Exhaust PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.05273	20.9	20.9	20.9	20.9	20.9	20.9	20.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
Asphalt Paver, Cat A-8008	0.08490	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.05465	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	6.0	6.0	6.0	6.0	6.0
Compactor, Cat CS-563	0.06588	7.2	7.2	7.2	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	0.04915	0.0	0.0	0.0	0.0	4.3	4.3	8.7	8.7	8.7	8.7	8.7	8.7	4.3	4.3	4.3
Crane, 20-Ton, TR400	0.04915	0.0	0.0	0.0	5.4	5.4	5.4	5.4	5.4	10.8	10.8	10.8	10.8	10.8	10.8	10.8
Crane, 225-Ton, Manitowoc, 4100W	0.07085	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	6.2	6.2	6.2	12.5	12.5	12.5	12.5
Crane, 40-Ton, Grove, TR700B	0.04915	0.0	0.0	5.4	5.4	5.4	10.8	10.8	10.8	10.8	10.8	10.8	16.2	16.2	21.6	21.6
Loader, Cat, 938F	0.06739	7.4	7.4	7.4	7.4	7.4	7.4	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.07947	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
Trencher, Cat 140G	0.07698	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
Truck, Concrete Pump, International	0.06061	5.3	10.7	10.7	10.7	10.7	10.7	10.7	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
Welder, Multiquip, BLW-300SS	0.00773	1.0	1.0	1.0	2.0	3.1	6.1	9.2	9.2	9.2	9.2	9.2	9.2	8.2	7.1	6.1
Welder, Multiquip, GA 3800	0.03096	22.1	22.1	22.1	22.1	31.0	31.0	31.0	31.0	31.0	31.0	35.4	39.8	39.8	39.8	39.8
Construction Equipment Total		**96.7**	**102.0**	**107.4**	**113.9**	**128.1**	**129.3**	**136.7**	**135.4**	**140.8**	**140.8**	**139.2**	**155.3**	**149.9**	**154.3**	**153.3**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00169	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
On-Site Dump Truck	0.00169	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00005	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.2
Off-Site Asphalt Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00169	0.0	0.0	3.7	3.7	3.7	3.7	3.7	4.5	4.5	2.2	0.7	0.7	0.7	0.7	0.7
Off-Site Construction Worker Commute	0.00004	7.3	8.4	9.4	10.4	11.5	14.2	14.8	15.1	15.2	15.3	15.3	16.1	15.3	14.6	12.8
Off-Site Dump Trucks	0.00169	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Off-Site Low Boy Trucks	0.00169	0.0	0.0	0.0	0.0	2.8	2.8	2.8	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00004	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Pipe Hauling Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	17.8	17.8	35.6	35.6	35.6	35.6	17.8	17.8	17.8	17.8
Off-Site Water Trucks	0.00169	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Off-Site Fuel/Lube Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Motor Vehicle Total		**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.7**	**0.7**	**0.7**	**0.7**	**0.7**	**0.7**	**0.7**	**0.7**	**0.7**	**0.7**
Off-Site Motor Vehicle Total		**11.2**	**12.2**	**17.0**	**18.0**	**21.9**	**42.8**	**43.4**	**62.4**	**62.7**	**58.0**	**56.5**	**39.4**	**38.6**	**37.8**	**35.9**

Table 3-H (continued)
Combined Cycle Facility Construction Monthly Construction Equipment and Motor Vehicle Exhaust PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.05273	26.1	26.1	26.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	0.0
Asphalt Paver, Cat A-8008	0.08490	0.0	0.0	0.0	0.0	0.0	0.0	22.4	22.4	22.4	22.4	22.4	0.0
Backhoe, Cat, 420E	0.05465	6.0	6.0	6.0	6.0	6.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	0.06588	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2	7.2	7.2	7.2	0.0
Crane, 150-Ton, Manitowoc	0.04915	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.04915	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
Crane, 225-Ton, Manitowoc, 4100W	0.07085	6.2	6.2	6.2	6.2	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	0.04915	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
Loader, Cat, 938F	0.06739	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.07947	10.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.07698	10.2	10.2	10.2	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.06061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00773	6.1	6.1	6.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Welder, Multiquip, GA 3800	0.03096	39.8	39.8	39.8	39.8	39.8	39.8	35.4	35.4	35.4	35.4	35.4	35.4
Construction Equipment Total		**130.9**	**130.9**	**120.4**	**124.6**	**114.5**	**121.7**	**133.5**	**127.5**	**127.5**	**123.1**	**123.1**	**62.2**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00169	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
On-Site Dump Truck	0.00169	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00005	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5
Off-Site Cement Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00004	11.8	10.4	10.2	9.4	9.4	8.6	7.1	6.7	6.0	5.9	5.9	5.6
Off-Site Dump Trucks	0.00169	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Off-Site Low Boy Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00004	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Pipe Hauling Trucks	0.00169	17.8	17.8	17.8	4.5	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00169	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Fuel/Lube Trucks	0.00005	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.7**	**0.7**	**0.7**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Off-Site Motor Vehicle Total		**34.1**	**32.6**	**32.3**	**18.0**	**17.8**	**17.1**	**12.4**	**12.0**	**11.3**	**11.2**	**11.1**	**10.9**

Note: Totals may not match sum of individual values because of rounding.

Table 3-I
Combined Cycle Facility Construction Monthly Motor Vehicle Fugitive PM10 Emissions

Vehicle Type	Emission Factor (lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
On-site Vehicles																
On-Site Welding Truck	0.74	162.5	162.5	162.5	162.5	162.5	162.5	162.5	162.5	162.5	162.5	243.7	243.7	243.7	243.7	243.7
On-Site Fuel/Lube Truck	0.74	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	162.5	162.5	162.5	162.5	162.5	162.5
On-Site Flatbed Truck	0.74	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.4	243.7	243.7	243.7	243.7	243.7	243.7	243.7
On-Site Watering Truck	0.74	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
On-Site Dump Truck	0.74	81.2	81.2	81.2	81.2	81.2	162.5	162.5	162.5	162.5	162.5	162.5	162.5	162.5	162.5	162.5
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00090	1.6	1.6	1.6	1.6	1.6	3.6	3.6	6.0	6.0	7.9	7.9	7.9	6.0	6.0	4.0
Off-Site Asphalt Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00100	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.6	2.6	1.3	0.4	0.4	0.4	0.4	0.4
Off-Site Construction Worker Commute	0.00090	153.6	176.3	198.9	220.3	243.0	300.1	313.2	318.0	320.4	323.9	323.9	339.4	323.9	308.5	270.3
Off-Site Dump Trucks	0.00100	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Off-Site Low Boy Trucks	0.00100	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00090	2.0	2.0	2.0	2.0	2.0	2.0	2.8	4.8	4.8	4.0	4.0	4.0	4.0	4.0	4.0
Off-Site Pipe Hauling Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	10.6	10.6	21.1	21.1	21.1	21.1	10.6	10.6	10.6	10.6
Off-Site Water Trucks	0.00100	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Fuel/Lube Trucks	0.00090	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
On-Site Motor Vehicle Total		**617.4**	**617.4**	**617.4**	**617.4**	**617.4**	**698.6**	**698.6**	**698.6**	**779.8**	**861.1**	**942.3**	**942.3**	**942.3**	**942.3**	**942.3**
Off-Site Motor Vehicle Total		**159.9**	**182.5**	**207.3**	**228.8**	**253.0**	**323.2**	**337.0**	**357.2**	**359.7**	**361.5**	**360.6**	**365.5**	**348.0**	**332.6**	**292.5**

Table 3-I (continued)
Combined Cycle Facility Construction Monthly Motor Vehicle Fugitive PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
On-site Vehicles													
On-Site Welding Truck	0.74	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7
On-Site Fuel/Lube Truck	0.74	162.5	162.5	162.5	162.5	162.5	162.5	81.2	81.2	81.2	81.2	81.2	81.2
On-Site Flatbed Truck	0.74	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7
On-Site Watering Truck	0.74	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
On-Site Dump Truck	0.74	162.5	162.5	162.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00090	4.0	4.0	2.0	2.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Off-Site Asphalt Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9
Off-Site Cement Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00090	250.1	219.1	215.6	198.9	197.7	181.0	150.1	140.5	126.2	125.0	123.9	117.9
Off-Site Dump Trucks	0.00100	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Off-Site Low Boy Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00090	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.2	1.2	1.2
Off-Site Pipe Hauling Trucks	0.00100	10.6	10.6	10.6	2.6	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00100	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Fuel/Lube Trucks	0.00090	1.2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
On-Site Motor Vehicle Total		**942.3**	**942.3**	**942.3**	**861.0**	**861.0**	**861.0**	**779.8**	**779.8**	**779.8**	**779.8**	**779.8**	**779.8**
Off-Site Motor Vehicle Total		**269.8**	**238.4**	**232.9**	**208.3**	**205.5**	**188.8**	**156.0**	**146.5**	**132.2**	**130.2**	**129.0**	**123.0**

Note: Totals may not match sum of individual values because of rounding.

Table 3-J
Combined Cycle Facility Construction Monthly Motor Vehicle Fugitive PM2.5 Emissions

Vehicle Type	Emission Factor (lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
On-site Vehicles																
On-Site Welding Truck	0.16	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	51.7	51.7	51.7	51.7	51.7
On-Site Fuel/Lube Truck	0.16	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	34.4	34.4	34.4	34.4	34.4	34.4
On-Site Flatbed Truck	0.16	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7
On-Site Watering Truck	0.16	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
On-Site Dump Truck	0.16	17.2	17.2	17.2	17.2	17.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00016	0.3	0.3	0.3	0.3	0.3	0.6	0.6	1.1	1.1	1.4	1.4	1.4	1.1	1.1	0.7
Off-Site Asphalt Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00019	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.3	0.1	0.1	0.1	0.1	0.1
Off-Site Construction Worker Commute	0.00016	27.4	31.5	35.5	39.4	43.4	53.6	55.9	56.8	57.2	57.9	57.9	60.6	57.9	55.1	48.3
Off-Site Dump Trucks	0.00019	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Low Boy Trucks	0.00019	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00016	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
Off-Site Pipe Hauling Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	2.0	2.0	4.1	4.1	4.1	4.1	2.0	2.0	2.0	2.0
Off-Site Water Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00016	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
On-Site Motor Vehicle Total		**130.9**	**130.9**	**130.9**	**130.9**	**130.9**	**148.1**	**148.1**	**148.1**	**165.3**	**182.6**	**199.8**	**199.8**	**199.8**	**199.8**	**199.8**
Off-Site Motor Vehicle Total		**28.6**	**32.6**	**37.1**	**40.9**	**45.3**	**57.9**	**60.4**	**64.2**	**64.6**	**64.9**	**64.7**	**65.4**	**62.3**	**59.6**	**52.4**

Table 3-J (continued)
Combined Cycle Facility Construction Monthly Motor Vehicle Fugitive PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
On-site Vehicles													
On-Site Welding Truck	0.16	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
On-Site Fuel/Lube Truck	0.16	34.4	34.4	34.4	34.4	34.4	34.4	17.2	17.2	17.2	17.2	17.2	17.2
On-Site Flatbed Truck	0.16	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
On-Site Watering Truck	0.16	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
On-Site Dump Truck	0.16	34.4	34.4	34.4	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00016	0.7	0.7	0.4	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Asphalt Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Cement Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00016	44.7	39.1	38.5	35.5	35.3	32.3	26.8	25.1	22.5	22.3	22.1	21.1
Off-Site Dump Trucks	0.00019	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Low Boy Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00016	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.2
Off-Site Pipe Hauling Trucks	0.00019	2.0	2.0	2.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00016	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Motor Vehicle Total		**199.8**	**199.8**	**199.8**	**182.5**	**182.5**	**182.5**	**165.3**	**165.3**	**165.3**	**165.3**	**165.3**	**165.3**
Off-Site Motor Vehicle Total		**48.4**	**42.7**	**41.8**	**37.3**	**36.8**	**33.8**	**27.9**	**26.2**	**23.6**	**23.3**	**23.1**	**22.0**

Note: Totals may not match sum of individual values because of rounding.

Table 3-K
Combined Cycle Facility Construction Monthly Fugitive PM10 and PM2.5 Activities

Activity	Units	Quantity per Month														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	Cu. Yd.	319,184	319,184	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage Pile Wind Erosion[a]	Acres-Days	45.00	45.00	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
Bulldozing and Grading	Hours	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132

Table 3-K (continued)
Combined Cycle Facility Construction Monthly Fugitive PM10 and PM2.5 Activities

Activity	Units	Quantity per Day											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	Cu. Yd.	0	0	0	0	0	0	0	0	0	0	0	0
Storage Pile Wind Erosion[a]	Acres-Days	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bulldozing and Grading	Hours	132	132	0	0	0	0	0	0	0	0	0	0

[a] Based on 30 days per month

Table 3-L
Combined Cycle Facility Construction Monthly Fugitive PM10 Emissions

Activity	Emission Factor	Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	4.97E-04	158.6	158.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	2.9	131.7	131.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.348	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
Total		**336.2**	**336.2**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**

Table 3-L (continued)
Combined Cycle Facility Construction Monthly Fugitive PM10 Emissions

Activity	Emission Factor	Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	4.97E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.348	45.9	45.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		**45.9**	**45.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 3-M
Combined Cycle Facility Construction Monthly Fugitive PM2.5 Emissions

Activity	Emission Factor	Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	1.03E-04	33.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.6	27.4	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.072	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
Total		**69.9**	**69.9**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**

Table 3-M (continued)
Combined Cycle Facility Construction Monthly Fugitive PM2.5 Emissions

Activity	Emission Factor	Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	1.03E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.072	9.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		**9.5**	**9.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 4-A
Combined Cycle Facility Construction Equipment and Motor Vehicle Numbers

Equipment/Vehicle Type	Fuel	Hours or Miles/Hour	Monthly Number													
			Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
Construction Equipment																
Air Compressor, Ingersoll-Rand	Diesel	1	4	4	4	4	4	4	4	5	5	5	5	5	5	5
Asphalt Paver, Cat A-8008	Diesel	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backhoe, Cat, 420E	Diesel	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1
Compactor, Cat CS-563	Diesel	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
Crane, 150-Ton, Manitowoc	Diesel	1	0	0	0	0	1	1	2	2	2	2	2	2	1	1
Crane, 20-Ton, TR400	Diesel	1	0	0	0	1	1	1	1	1	2	2	2	2	2	2
Crane, 225-Ton, Manitowoc, 4100W	Diesel	1	0	0	0	0	0	0	0	1	1	1	1	2	2	2
Crane, 40-Ton, Grove, TR700B	Diesel	1	0	0	1	1	1	2	2	2	2	2	2	3	3	4
Loader, Cat, 938F	Diesel	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Trencher, Cat 140G	Diesel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Truck, Concrete Pump, International	Diesel	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
Welder, Multiquip, BLW-300SS	Diesel	1	1	1	1	2	3	6	9	9	9	9	9	9	8	7
Welder, Multiquip, GA 3800	Gasoline	1	5	5	5	5	7	7	7	7	7	7	8	9	9	9
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	Gasoline	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
On-Site Fuel/Lube Truck	Gasoline	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2
On-Site Flatbed Truck	Gasoline	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
On-Site Watering Truck	Diesel	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
On-Site Dump Truck	Diesel	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2
Off-Site Vehicles																
Off-Site Flat Bed Trucks	Gasoline	20	4	4	4	4	4	9	9	15	15	20	20	20	15	15
Off-Site Asphalt Trucks	Diesel	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Cement Trucks	Diesel	20	0	0	5	5	5	5	5	6	6	3	1	1	1	1
Off-Site Construction Worker Commute	Gasoline	30	129	148	167	185	204	252	263	267	269	272	272	285	272	259
Off-Site Dump Trucks	Diesel	20	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Off-Site Low Boy Trucks	Diesel	15	0	0	0	0	5	5	5	5	5	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	20	5	5	5	5	5	5	7	12	12	10	10	10	10	10
Off-Site Pipe Hauling Trucks	Diesel	35	0	0	0	0	0	4	4	8	8	8	8	4	4	4
Off-Site Water Trucks	Diesel	5	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Off-Site Fuel/Lube Trucks	Gasoline	20	2	2	2	2	2	3	3	3	3	3	3	3	3	3

Table 4-A (continued)
Combined Cycle Facility Construction Equipment and Motor Vehicle Numbers

Equipment/Vehicle Type	Fuel	Hours or Miles/Hour	Monthly Number												
			Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment															
Air Compressor, Ingersoll-Rand	Diesel	1	5	5	5	5	6	6	6	6	6	6	6	6	0
Asphalt Paver, Cat A-8008	Diesel	1	0	0	0	0	0	0	0	2	2	2	2	2	0
Backhoe, Cat, 420E	Diesel	1	1	1	1	1	1	1	1	1	0	0	0	0	0
Compactor, Cat CS-563	Diesel	1	0	0	0	0	0	0	1	1	1	1	1	1	0
Crane, 150-Ton, Manitowoc	Diesel	1	1	1	1	1	1	1	1	1	1	1	0	0	0
Crane, 20-Ton, TR400	Diesel	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Crane, 225-Ton, Manitowoc, 4100W	Diesel	1	2	1	1	1	1	1	1	0	0	0	0	0	0
Crane, 40-Ton, Grove, TR700B	Diesel	1	4	2	2	2	2	2	2	2	2	2	2	2	2
Loader, Cat, 938F	Diesel	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Trencher, Cat 140G	Diesel	1	1	1	1	1	1	0	0	0	0	0	0	0	0
Truck, Concrete Pump, International	Diesel	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Welder, Multiquip, BLW-300SS	Diesel	1	6	6	6	6	5	5	5	5	5	5	5	5	5
Welder, Multiquip, GA 3800	Gasoline	1	9	9	9	9	9	9	9	8	8	8	8	8	8
Motor Vehicles															
On-site Vehicles															
On-Site Welding Truck	Gasoline	2	3	3	3	3	3	3	3	3	3	3	3	3	3
On-Site Fuel/Lube Truck	Gasoline	2	2	2	2	2	2	2	2	1	1	1	1	1	1
On-Site Flatbed Truck	Gasoline	2	3	3	3	3	3	3	3	3	3	3	3	3	3
On-Site Watering Truck	Diesel	5	1	1	1	1	1	1	1	1	1	1	1	1	1
On-Site Dump Truck	Diesel	2	2	2	2	2	1	1	1	1	1	1	1	1	1
Off-Site Vehicles															
Off-Site Flat Bed Trucks	Gasoline	20	10	10	10	5	5	1	1	1	1	1	1	1	1
Off-Site Asphalt Trucks	Diesel	20	0	0	0	0	0	0	0	2	2	2	2	2	2
Off-Site Cement Trucks	Diesel	20	1	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Construction Worker Commute	Gasoline	30	227	210	184	181	167	166	152	126	118	106	105	104	99
Off-Site Dump Trucks	Diesel	20	2	2	2	2	2	2	2	2	2	2	2	2	2
Off-Site Low Boy Trucks	Diesel	15	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	20	10	5	5	5	5	5	5	5	5	5	3	3	3
Off-Site Pipe Hauling Trucks	Diesel	35	4	4	4	4	1	1	1	0	0	0	0	0	0
Off-Site Water Trucks	Diesel	5	2	2	2	2	2	2	2	1	1	1	1	1	1
Off-Site Fuel/Lube Trucks	Gasoline	20	3	3	2	2	2	2	2	2	2	2	2	2	2

Table 4-B
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle Use

Equipment/Vehicle Type	Fuel	Maximum Hourly Operating Hours or Miles[a]														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	Diesel	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
Asphalt Paver, Cat A-8008	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Backhoe, Cat, 420E	Diesel	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
Compactor, Cat CS-563	Diesel	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Crane, 150-Ton, Manitowoc	Diesel	0	0	0	0	1	1	2	2	2	2	2	2	1	1	1
Crane, 20-Ton, TR400	Diesel	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2
Crane, 225-Ton, Manitowoc, 4100W	Diesel	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2
Crane, 40-Ton, Grove, TR700B	Diesel	0	0	1	1	1	2	2	2	2	2	2	3	3	4	4
Loader, Cat, 938F	Diesel	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Trencher, Cat 140G	Diesel	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Truck, Concrete Pump, International	Diesel	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1
Welder, Multiquip, BLW-300SS	Diesel	1	1	1	2	3	6	9	9	9	9	9	9	8	7	6
Welder, Multiquip, GA 3800	Gasoline	5	5	5	5	7	7	7	7	7	7	8	9	9	9	9
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	Gasoline	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6
On-Site Fuel/Lube Truck	Gasoline	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4
On-Site Flatbed Truck	Gasoline	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6
On-Site Watering Truck	Diesel	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
On-Site Dump Truck	Diesel	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4
Off-Site Vehicles																
Off-Site Flat Bed Trucks	Gasoline	80	80	80	80	80	180	180	300	300	400	400	400	300	300	200
Off-Site Asphalt Trucks	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Cement Trucks	Diesel	0	0	100	100	100	100	100	120	120	60	20	20	20	20	20
Off-Site Construction Worker Commute	Gasoline	3,870	4,440	5,010	5,550	6,120	7,560	7,890	8,010	8,070	8,160	8,160	8,550	8,160	7,770	6,810
Off-Site Dump Trucks	Diesel	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Off-Site Low Boy Trucks	Diesel	0	0	0	0	75	75	75	75	75	0	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	100	100	100	100	100	100	140	240	240	200	200	200	200	200	200
Off-Site Pipe Hauling Trucks	Diesel	0	0	0	0	0	140	140	280	280	280	280	140	140	140	140
Off-Site Water Trucks	Diesel	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10
Off-Site Fuel/Lube Trucks	Gasoline	40	40	40	40	40	60	60	60	60	60	60	60	60	60	60

Table 4-B (continued)
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle Use

Equipment/Vehicle Type	Fuel	Maximum Hourly Operating Hours or Miles											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	Diesel	5	5	5	6	6	6	6	6	6	6	6	0
Asphalt Paver, Cat A-8008	Diesel	0	0	0	0	0	0	2	2	2	2	2	0
Backhoe, Cat, 420E	Diesel	1	1	1	1	1	1	1	0	0	0	0	0
Compactor, Cat CS-563	Diesel	0	0	0	0	0	1	1	1	1	1	1	0
Crane, 150-Ton, Manitowoc	Diesel	1	1	1	1	1	1	1	1	1	0	0	0
Crane, 20-Ton, TR400	Diesel	2	2	2	2	2	2	2	2	2	2	2	2
Crane, 225-Ton, Manitowoc, 4100W	Diesel	1	1	1	1	1	1	0	0	0	0	0	0
Crane, 40-Ton, Grove, TR700B	Diesel	2	2	2	2	2	2	2	2	2	2	2	2
Loader, Cat, 938F	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	1	1	0	0	0	0	0	0	0	0	0	0
Trencher, Cat 140G	Diesel	1	1	1	1	0	0	0	0	0	0	0	0
Truck, Concrete Pump, International	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Welder, Multiquip, BLW-300SS	Diesel	6	6	6	5	5	5	5	5	5	5	5	5
Welder, Multiquip, GA 3800	Gasoline	9	9	9	9	9	9	8	8	8	8	8	8
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	Gasoline	6	6	6	6	6	6	6	6	6	6	6	6
On-Site Fuel/Lube Truck	Gasoline	4	4	4	4	4	4	2	2	2	2	2	2
On-Site Flatbed Truck	Gasoline	6	6	6	6	6	6	6	6	6	6	6	6
On-Site Watering Truck	Diesel	5	5	5	5	5	5	5	5	5	5	5	5
On-Site Dump Truck	Diesel	4	4	4	2	2	2	2	2	2	2	2	2
Off-Site Vehicles													
Off-Site Flat Bed Trucks	Gasoline	200	200	100	100	20	20	20	20	20	20	20	20
Off-Site Asphalt Trucks	Diesel	0	0	0	0	0	0	40	40	40	40	40	40
Off-Site Cement Trucks	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Construction Worker Commute	Gasoline	6,300	5,520	5,430	5,010	4,980	4,560	3,780	3,540	3,180	3,150	3,120	2,970
Off-Site Dump Trucks	Diesel	40	40	40	40	40	40	40	40	40	40	40	40
Off-Site Low Boy Trucks	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	100	100	100	100	100	100	100	100	100	60	60	60
Off-Site Pipe Hauling Trucks	Diesel	140	140	140	35	35	35	0	0	0	0	0	0
Off-Site Water Trucks	Diesel	10	10	10	10	10	10	5	5	5	5	5	5
Off-Site Fuel/Lube Trucks	Gasoline	60	40	40	40	40	40	40	40	40	40	40	40

Table 4-C
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle CO Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.3383	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Asphalt Paver, Cat A-8008	0.5351	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.3700	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.4
Compactor, Cat CS-563	0.6339	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	0.3877	0.0	0.0	0.0	0.0	0.4	0.4	0.8	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4
Crane, 20-Ton, TR400	0.3877	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Crane, 225-Ton, Manitowoc, 4100W	0.7754	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	1.6	1.6	1.6	1.6
Crane, 40-Ton, Grove, TR700B	0.3877	0.0	0.0	0.4	0.4	0.4	0.8	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.6	1.6
Loader, Cat, 938F	0.6377	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.7480	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Trencher, Cat 140G	0.4959	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Truck, Concrete Pump, International	0.4795	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Welder, Multiquip, BLW-300SS	0.0703	0.1	0.1	0.1	0.1	0.2	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4
Welder, Multiquip, GA 3800	3.8508	19.3	19.3	19.3	19.3	27.0	27.0	27.0	27.0	27.0	27.0	30.8	34.7	34.7	34.7	34.7
Construction Equipment Total		**24.4**	**24.9**	**25.3**	**25.7**	**33.9**	**33.9**	**34.5**	**34.5**	**34.8**	**34.8**	**38.3**	**43.3**	**42.9**	**43.2**	**43.1**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.0105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
On-Site Fuel/Lube Truck	0.0105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0757	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5
On-Site Watering Truck	0.0107	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Dump Truck	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0105	0.8	0.8	0.8	0.8	0.8	1.9	1.9	3.1	3.1	4.2	4.2	4.2	3.1	3.1	2.1
Off-Site Asphalt Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.0107	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.3	1.3	0.6	0.2	0.2	0.2	0.2	0.2
Off-Site Construction Worker Commute	0.0170	65.7	75.4	85.1	94.2	103.9	128.4	134.0	136.0	137.0	138.5	138.5	145.2	138.5	131.9	115.6
Off-Site Dump Trucks	0.0107	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Off-Site Low Boy Trucks	0.0107	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0170	1.7	1.7	1.7	1.7	1.7	1.7	2.4	4.1	4.1	3.4	3.4	3.4	3.4	3.4	3.4
Off-Site Pipe Hauling Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.0	3.0	3.0	3.0	1.5	1.5	1.5	1.5
Off-Site Water Trucks	0.0107	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Fuel/Lube Trucks	0.0105	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
On-Site Motor Vehicle Total		**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**	**0.7**	**0.7**	**0.7**	**0.7**	**0.7**
Off-Site Motor Vehicle Total		**69.1**	**78.8**	**89.6**	**98.7**	**109.2**	**136.4**	**142.7**	**149.4**	**150.5**	**150.9**	**150.5**	**155.6**	**148.0**	**141.3**	**124.0**

Table 4-C (continued)
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle CO Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.3383	1.7	1.7	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0
Asphalt Paver, Cat A-8008	0.5351	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	0.0
Backhoe, Cat, 420E	0.3700	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	0.6339	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.0
Crane, 150-Ton, Manitowoc	0.3877	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.3877	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Crane, 225-Ton, Manitowoc, 4100W	0.7754	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	0.3877	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Loader, Cat, 938F	0.6377	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.7480	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.4959	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.4795	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.0703	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Welder, Multiquip, GA 3800	3.8508	34.7	34.7	34.7	34.7	34.7	34.7	30.8	30.8	30.8	30.8	30.8	30.8
Construction Equipment Total		**41.1**	**41.1**	**40.4**	**40.6**	**40.1**	**40.8**	**37.2**	**36.8**	**36.8**	**36.4**	**36.4**	**32.7**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.0105	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Fuel/Lube Truck	0.0105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0757	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
On-Site Watering Truck	0.0107	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Dump Truck	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0105	2.1	2.1	1.0	1.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Asphalt Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4
Off-Site Cement Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0170	107.0	93.7	92.2	85.1	84.6	77.4	64.2	60.1	54.0	53.5	53.0	50.4
Off-Site Dump Trucks	0.0107	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Off-Site Low Boy Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0170	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.0	1.0	1.0
Off-Site Pipe Hauling Trucks	0.0107	1.5	1.5	1.5	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.0107	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Fuel/Lube Trucks	0.0105	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
On-Site Motor Vehicle Total		**0.7**	**0.7**	**0.7**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**
Off-Site Motor Vehicle Total		**113.4**	**100.0**	**97.4**	**89.1**	**87.8**	**80.7**	**67.4**	**63.3**	**57.2**	**56.0**	**55.5**	**53.0**

Note: Totals may not match sum of individual values because of rounding.

Table 4-D
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle VOC Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.1102	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Asphalt Paver, Cat A-8008	0.1821	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.1082	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1
Compactor, Cat CS-563	0.1651	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	0.1391	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.1
Crane, 20-Ton, TR400	0.1391	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Crane, 225-Ton, Manitowoc, 4100W	0.2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4
Crane, 40-Ton, Grove, TR700B	0.1391	0.0	0.0	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.6	0.6
Loader, Cat, 938F	0.1657	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.1954	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Trencher, Cat 140G	0.1676	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Truck, Concrete Pump, International	0.1821	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Welder, Multiquip, BLW-300SS	0.0278	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
Welder, Multiquip, GA 3800	0.1425	0.7	0.7	0.7	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.3	1.3	1.3
Construction Equipment Total		**2.3**	**2.5**	**2.6**	**2.8**	**3.2**	**3.3**	**3.5**	**3.5**	**3.6**	**3.6**	**3.6**	**4.1**	**3.9**	**4.1**	**4.0**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.0007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.0007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0052	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Dump Truck	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0007	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.1
Off-Site Asphalt Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.0030	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.2	0.1	0.1	0.1	0.1	0.1
Off-Site Construction Worker Commute	0.0010	4.0	4.6	5.2	5.7	6.3	7.8	8.1	8.3	8.3	8.4	8.4	8.8	8.4	8.0	7.0
Off-Site Dump Trucks	0.0030	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Low Boy Trucks	0.0030	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0010	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Pipe Hauling Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4
Off-Site Water Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.0007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Off-Site Motor Vehicle Total		**4.3**	**4.9**	**5.8**	**6.3**	**7.2**	**9.1**	**9.5**	**10.3**	**10.4**	**10.1**	**10.0**	**10.0**	**9.5**	**9.1**	**8.0**

Table 4-D (continued)
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle VOC Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.1102	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0
Asphalt Paver, Cat A-8008	0.1821	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.0
Backhoe, Cat, 420E	0.1082	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	0.1651	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.0
Crane, 150-Ton, Manitowoc	0.1391	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.1391	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Crane, 225-Ton, Manitowoc, 4100W	0.2010	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	0.1391	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Loader, Cat, 938F	0.1657	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.1954	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.1676	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.1821	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.0278	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Welder, Multiquip, GA 3800	0.1425	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
Construction Equipment Total		**3.4**	**3.4**	**3.2**	**3.3**	**3.1**	**3.3**	**3.3**	**3.2**	**3.2**	**3.0**	**3.0**	**1.8**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.0007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.0007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0052	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Dump Truck	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0007	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Cement Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0010	6.5	5.7	5.6	5.2	5.1	4.7	3.9	3.7	3.3	3.3	3.2	3.1
Off-Site Dump Trucks	0.0030	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Low Boy Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0010	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Pipe Hauling Trucks	0.0030	0.4	0.4	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.0007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Off-Site Motor Vehicle Total		**7.3**	**6.5**	**6.4**	**5.6**	**5.5**	**5.1**	**4.3**	**4.0**	**3.7**	**3.6**	**3.6**	**3.4**

Note: Totals may not match sum of individual values because of rounding.

Table 4-E
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle NOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.6466	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Asphalt Paver, Cat A-8008	1.0649	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.6504	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.7	0.7	0.7	0.7
Compactor, Cat CS-563	1.3421	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	1.3855	0.0	0.0	0.0	0.0	1.4	1.4	2.8	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4
Crane, 20-Ton, TR400	1.3855	0.0	0.0	0.0	1.4	1.4	1.4	1.4	1.4	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Crane, 225-Ton, Manitowoc, 4100W	1.9859	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0
Crane, 40-Ton, Grove, TR700B	1.3855	0.0	0.0	1.4	1.4	1.4	2.8	2.8	2.8	2.8	2.8	2.8	4.2	4.2	5.5	5.5
Loader, Cat, 938F	1.3017	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	1.5287	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Trencher, Cat 140G	0.9951	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Truck, Concrete Pump, International	1.8601	1.9	3.7	3.7	3.7	3.7	3.7	3.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Welder, Multiquip, BLW-300SS	0.1128	0.1	0.1	0.1	0.2	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7
Welder, Multiquip, GA 3800	0.0512	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
Construction Equipment Total		**11.3**	**13.1**	**14.5**	**16.0**	**17.6**	**18.0**	**19.7**	**19.2**	**20.6**	**20.6**	**20.0**	**23.4**	**21.9**	**23.2**	**23.1**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.0017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.0017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Watering Truck	0.0415	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
On-Site Dump Truck	0.0415	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0017	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.5	0.5	0.7	0.7	0.7	0.5	0.5	0.3
Off-Site Asphalt Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.0415	0.0	0.0	4.1	4.1	4.1	4.1	4.1	5.0	5.0	2.5	0.8	0.8	0.8	0.8	0.8
Off-Site Construction Worker Commute	0.0016	6.2	7.2	8.1	8.9	9.9	12.2	12.7	12.9	13.0	13.2	13.2	13.8	13.2	12.5	11.0
Off-Site Dump Trucks	0.0415	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Off-Site Low Boy Trucks	0.0415	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0016	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Pipe Hauling Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	5.8	5.8	11.6	11.6	11.6	11.6	5.8	5.8	5.8	5.8
Off-Site Water Trucks	0.0415	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Off-Site Fuel/Lube Trucks	0.0017	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Motor Vehicle Total		**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Off-Site Motor Vehicle Total		**8.5**	**9.4**	**14.5**	**15.3**	**19.4**	**27.7**	**28.3**	**35.5**	**35.8**	**30.4**	**28.8**	**23.6**	**22.8**	**22.2**	**20.5**

Table 4-E (continued)
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle NOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.6466	3.2	3.2	3.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	0.0
Asphalt Paver, Cat A-8008	1.0649	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	0.0
Backhoe, Cat, 420E	0.6504	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	1.3421	0.0	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	0.0
Crane, 150-Ton, Manitowoc	1.3855	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0
Crane, 20-Ton, TR400	1.3855	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Crane, 225-Ton, Manitowoc, 4100W	1.9859	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	1.3855	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Loader, Cat, 938F	1.3017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	1.5287	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.9951	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	1.8601	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.1128	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Welder, Multiquip, GA 3800	0.0512	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
Construction Equipment Total		**16.5**	**16.5**	**14.9**	**15.5**	**14.5**	**15.8**	**15.9**	**15.3**	**15.3**	**13.9**	**13.9**	**6.5**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.0017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.0017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0122	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Watering Truck	0.0415	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
On-Site Dump Truck	0.0415	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0017	0.3	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7
Off-Site Cement Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0016	10.2	8.9	8.8	8.1	8.0	7.4	6.1	5.7	5.1	5.1	5.0	4.8
Off-Site Dump Trucks	0.0415	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Off-Site Low Boy Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0016	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Off-Site Pipe Hauling Trucks	0.0415	5.8	5.8	5.8	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.0415	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Fuel/Lube Trucks	0.0017	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Motor Vehicle Total		**0.5**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**
Off-Site Motor Vehicle Total		**18.6**	**17.3**	**17.0**	**12.0**	**11.8**	**11.1**	**9.9**	**9.5**	**8.9**	**8.8**	**8.8**	**8.5**

Note: Totals may not match sum of individual values because of rounding.

Table 4-F
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle SOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.00055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Asphalt Paver, Cat A-8008	0.00081	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.00061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	0.00122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	0.00126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.00126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 225-Ton, Manitowoc, 4100W	0.00177	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	0.00126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loader, Cat, 938F	0.00120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.00139	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.00076	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.00187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.00015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Dump Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00001	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Dump Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Low Boy Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Table 4-F (continued)
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle SOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.00055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Asphalt Paver, Cat A-8008	0.00081	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.00061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	0.00122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	0.00126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.00126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 225-Ton, Manitowoc, 4100W	0.00177	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	0.00126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Loader, Cat, 938F	0.00120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.00139	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.00076	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.00187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.00015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Dump Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00001	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Low Boy Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 4-G
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle Exhaust PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.05731	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Asphalt Paver, Cat A-8008	0.09228	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.05940	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Compactor, Cat CS-563	0.07161	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	0.05343	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Crane, 20-Ton, TR400	0.05343	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Crane, 225-Ton, Manitowoc, 4100W	0.07702	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Crane, 40-Ton, Grove, TR700B	0.05343	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Loader, Cat, 938F	0.07325	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.08638	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Trencher, Cat 140G	0.08367	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Truck, Concrete Pump, International	0.06588	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Welder, Multiquip, BLW-300SS	0.00841	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Welder, Multiquip, GA 3800	0.04095	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
Construction Equipment Total		**0.9**	**1.0**	**1.1**	**1.1**	**1.3**	**1.3**	**1.4**	**1.3**	**1.4**	**1.4**	**1.4**	**1.6**	**1.5**	**1.5**	**1.5**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Dump Truck	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00183	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00005	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
Off-Site Dump Trucks	0.00183	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Low Boy Trucks	0.00183	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.3
Off-Site Water Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.3**	**0.3**	**0.5**	**0.5**	**0.7**	**1.0**	**1.0**	**1.4**	**1.4**	**1.1**	**1.1**	**0.8**	**0.8**	**0.8**	**0.7**

Table 4-G (continued)
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle Exhaust PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.05731	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0
Asphalt Paver, Cat A-8008	0.09228	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.0
Backhoe, Cat, 420E	0.05940	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	0.07161	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Crane, 150-Ton, Manitowoc	0.05343	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.05343	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Crane, 225-Ton, Manitowoc, 4100W	0.07702	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	0.05343	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Loader, Cat, 938F	0.07325	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.08638	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.08367	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.06588	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00841	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.04095	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Construction Equipment Total		**1.3**	**1.3**	**1.2**	**1.2**	**1.2**	**1.2**	**1.3**	**1.2**	**1.2**	**1.2**	**1.2**	**0.6**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Dump Truck	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Cement Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00005	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Off-Site Dump Trucks	0.00183	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Low Boy Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00183	0.3	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.7**	**0.6**	**0.6**	**0.4**	**0.4**	**0.4**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**

Note: Totals may not match sum of individual values because of rounding.

Table 4-H
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle Exhaust PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.05273	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Asphalt Paver, Cat A-8008	0.08490	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.05465	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Compactor, Cat CS-563	0.06588	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 150-Ton, Manitowoc	0.04915	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.04915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Crane, 225-Ton, Manitowoc, 4100W	0.07085	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Crane, 40-Ton, Grove, TR700B	0.04915	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Loader, Cat, 938F	0.06739	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.07947	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Trencher, Cat 140G	0.07698	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Truck, Concrete Pump, International	0.06061	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Welder, Multiquip, BLW-300SS	0.00773	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Welder, Multiquip, GA 3800	0.03096	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Construction Equipment Total		**0.8**	**0.9**	**0.9**	**1.0**	**1.1**	**1.1**	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**	**1.4**	**1.3**	**1.4**	**1.3**
Motor Vehicles																
On-site Vehicles																
On-Site Welding Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Dump Truck	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00169	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00004	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3
Off-Site Dump Trucks	0.00169	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Low Boy Trucks	0.00169	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.5	0.5	0.5	0.2	0.2	0.2	0.2
Off-Site Water Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.3**	**0.3**	**0.5**	**0.5**	**0.7**	**1.0**	**1.0**	**1.3**	**1.3**	**1.1**	**1.0**	**0.8**	**0.7**	**0.7**	**0.7**

Table 4-H (continued)
Combined Cycle Facility Construction Maximum Hourly Construction Equipment and Motor Vehicle Exhaust PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.05273	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0
Asphalt Paver, Cat A-8008	0.08490	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.0
Backhoe, Cat, 420E	0.05465	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Compactor, Cat CS-563	0.06588	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Crane, 150-Ton, Manitowoc	0.04915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.04915	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Crane, 225-Ton, Manitowoc, 4100W	0.07085	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 40-Ton, Grove, TR700B	0.04915	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Loader, Cat, 938F	0.06739	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.07947	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.07698	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.06061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00773	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.03096	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Construction Equipment Total		**1.1**	**1.1**	**1.0**	**1.1**	**1.0**	**1.1**	**1.1**	**1.1**	**1.1**	**1.0**	**1.0**	**0.5**
Motor Vehicles													
On-site Vehicles													
On-Site Welding Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Fuel/Lube Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Watering Truck	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Dump Truck	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Cement Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00004	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Off-Site Dump Trucks	0.00169	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Low Boy Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00169	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.6**	**0.6**	**0.6**	**0.4**	**0.4**	**0.4**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**

Note: Totals may not match sum of individual values because of rounding.

Table 4-I
Combined Cycle Facility Construction Maximum Hourly Motor Vehicle Fugitive PM10 Emissions

Vehicle Type	Emission Factor (lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
On-site Vehicles																
On-Site Welding Truck	0.74	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.4	4.4	4.4	4.4	4.4
On-Site Fuel/Lube Truck	0.74	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0
On-Site Flatbed Truck	0.74	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
On-Site Watering Truck	0.74	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
On-Site Dump Truck	0.74	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00090	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.2
Off-Site Asphalt Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00100	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00090	3.5	4.0	4.5	5.0	5.5	6.8	7.1	7.2	7.3	7.4	7.4	7.7	7.4	7.0	6.1
Off-Site Dump Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Low Boy Trucks	0.00100	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00090	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Pipe Hauling Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.3	0.3	0.3	0.1	0.1	0.1	0.1
Off-Site Water Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00090	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Motor Vehicle Total		**12.6**	**12.6**	**12.6**	**12.6**	**12.6**	**14.0**	**14.0**	**14.0**	**15.5**	**17.0**	**18.5**	**18.5**	**18.5**	**18.5**	**18.5**
Off-Site Motor Vehicle Total		**3.7**	**4.2**	**4.9**	**5.4**	**5.9**	**7.5**	**7.8**	**8.3**	**8.3**	**8.3**	**8.3**	**8.5**	**8.1**	**7.7**	**6.8**

Table 4-I (continued)
Combined Cycle Facility Construction Maximum Hourly Motor Vehicle Fugitive PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/mile)	Maximum Hourly Emissions (lb/hr)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
On-site Vehicles													
On-Site Welding Truck	0.74	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
On-Site Fuel/Lube Truck	0.74	3.0	3.0	3.0	3.0	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5
On-Site Flatbed Truck	0.74	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
On-Site Watering Truck	0.74	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
On-Site Dump Truck	0.74	3.0	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00090	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00090	5.7	5.0	4.9	4.5	4.5	4.1	3.4	3.2	2.9	2.8	2.8	2.7
Off-Site Dump Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Low Boy Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00090	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Pipe Hauling Trucks	0.00100	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00090	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**18.5**	**18.5**	**18.5**	**17.0**	**17.0**	**17.0**	**15.5**	**15.5**	**15.5**	**15.5**	**15.5**	**15.5**
Off-Site Motor Vehicle Total		**6.2**	**5.5**	**5.3**	**4.8**	**4.7**	**4.3**	**3.6**	**3.4**	**3.1**	**3.0**	**3.0**	**2.9**

Note: Totals may not match sum of individual values because of rounding.

Table 4-J
Combined Cycle Facility Construction Maximum Hourly Motor Vehicle Fugitive PM2.5 Emissions

Vehicle Type	Emission Factor (lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
On-site Vehicles																
On-Site Welding Truck	0.16	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9
On-Site Fuel/Lube Truck	0.16	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.6	0.6	0.6	0.6
On-Site Flatbed Truck	0.16	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9
On-Site Watering Truck	0.16	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
On-Site Dump Truck	0.16	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00016	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.1
Off-Site Dump Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Low Boy Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**2.7**	**2.7**	**2.7**	**2.7**	**2.7**	**3.0**	**3.0**	**3.0**	**3.3**	**3.6**	**3.9**	**3.9**	**3.9**	**3.9**	**3.9**
Off-Site Motor Vehicle Total		**0.7**	**0.8**	**0.9**	**1.0**	**1.1**	**1.3**	**1.4**	**1.5**	**1.5**	**1.5**	**1.5**	**1.5**	**1.4**	**1.4**	**1.2**

Table 4-J (continued)
Combined Cycle Facility Construction Maximum Hourly Motor Vehicle Fugitive PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/mile)	Maximum Hourly Emissions (lb/hr)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
On-site Vehicles													
On-Site Welding Truck	0.16	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
On-Site Fuel/Lube Truck	0.16	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	0.3	0.3	0.3	0.3
On-Site Flatbed Truck	0.16	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
On-Site Watering Truck	0.16	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
On-Site Dump Truck	0.16	0.6	0.6	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Asphalt Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00016	1.0	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.5
Off-Site Dump Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Low Boy Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Fuel/Lube Trucks	0.00016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**3.9**	**3.9**	**3.9**	**3.6**	**3.6**	**3.6**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**	**3.3**
Off-Site Motor Vehicle Total		**1.1**	**1.0**	**1.0**	**0.9**	**0.8**	**0.8**	**0.7**	**0.6**	**0.6**	**0.5**	**0.5**	**0.5**

Note: Totals may not match sum of individual values because of rounding.

Table 4-K
Combined Cycle Facility Construction Maximum Hourly Fugitive PM10 and PM2.5 Activities

Activity	Units	Quantity per Hour														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	Cu. Yd.	1,478	1,478	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage Pile Wind Erosion[a]	Acre-Hours	1.50	1.50	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
Bulldozing and Grading	Hours	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Table 4-K (continued)
Combined Cycle Facility Construction Maximum Hourly Fugitive PM10 and PM2.5 Activities

Activity	Units	Quantity per Hour											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	Cu. Yd.	0	0	0	0	0	0	0	0	0	0	0	0
Storage Pile Wind Erosion[a]	Acre-Hours	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bulldozing and Grading	Hours	1	1	0	0	0	0	0	0	0	0	0	0

[a] Based on 30 days per month

Table 4-L
Combined Cycle Facility Construction Maximum Hourly Fugitive PM10 Emissions

Activity	Emission Factor	Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	4.97E-04	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.122	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.348	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total		**1.3**	**1.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**

Table 4-L (continued)
Combined Cycle Facility Construction Maximum Hourly Fugitive PM10 Emissions

Activity	Emission Factor	Emissions (lb/hr)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	4.97E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.348	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		**0.3**	**0.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 4-M
Combined Cycle Facility Construction Maximum Hourly Fugitive PM2.5 Emissions

Activity	Emission Factor	Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	1.03E-04	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.072	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total		**0.3**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Table 4-M (continued)
Combined Cycle Facility Construction Maximum Hourly Fugitive PM2.5 Emissions

Activity	Emission Factor	Emissions (lb/hr)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	1.03E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.072	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 5-A
Solar Array Construction CO Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
	21.6	25.4	28.6	31.8	34.2	36.6	38.9	38.9	37.9	36.7	34.8	31.0	27.3	23.5
On-Site														
Equipment	21.5	25.3	28.5	31.7	34.0	36.4	38.8	38.7	37.7	36.6	34.6	30.9	27.1	23.4
Motor Vehicles	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Total	**21.6**	**25.4**	**28.6**	**31.8**	**34.2**	**36.6**	**38.9**	**38.9**	**37.9**	**36.7**	**34.8**	**31.0**	**27.3**	**23.5**
Off-Site Motor Vehicles	**17.0**	**21.4**	**25.2**	**27.2**	**28.0**	**28.6**	**28.5**	**27.6**	**26.4**	**24.8**	**22.8**	**19.9**	**15.7**	**11.2**
12-Month Total	**38.7**	**46.8**	**53.8**	**59.0**	**62.2**	**65.1**	**67.4**	**66.4**	**64.3**	**61.6**	**57.6**	**50.9**	**42.9**	**34.7**
Maximum On-Site 12-Month Total (ton/year)	**38.9**													
Maximum 12-Month Total (ton/year)	**67.4**													
Monthly Emissions (lb/month)														
On-Site														
Equipment	0.0	1,091.5	1,091.5	1,091.5	1,091.5	1,125.0	3,710.1	5,555.7	5,868.2	7,454.7	7,473.3	7,473.3	7,522.1	7,522.1
Motor Vehicles	1.5	18.5	18.5	18.5	18.5	18.5	16.2	16.2	26.0	26.0	26.0	26.0	23.9	23.9
On-Site Total	**1.5**	**1,110.0**	**1,110.0**	**1,110.0**	**1,110.0**	**1,143.5**	**3,726.3**	**5,571.9**	**5,894.2**	**7,480.8**	**7,499.3**	**7,499.3**	**7,546.0**	**7,546.0**
Off-Site Motor Vehicles	**112.1**	**112.1**	**923.2**	**923.2**	**923.2**	**2,173.3**	**2,639.3**	**3,097.0**	**3,998.1**	**4,894.6**	**5,791.0**	**8,480.4**	**8,928.6**	**7,584.0**
Monthly Total	**113.6**	**1,222.0**	**2,033.2**	**2,033.2**	**2,033.2**	**3,316.8**	**6,365.6**	**8,668.8**	**9,892.3**	**12,375.3**	**13,290.4**	**15,979.7**	**16,474.7**	**15,130.0**
Maximum On-Site Monthly Total (lb/month)	**7,546.0**													
Maximum Monthly Total (lb/month)	**16,474.7**													
Daily Emissions (lb/day)[b]														
On-Site														
Equipment	0.0	49.6	49.6	49.6	49.6	51.1	168.6	252.5	266.7	338.9	339.7	339.7	341.9	341.9
Motor Vehicles	0.1	0.8	0.8	0.8	0.8	0.8	0.7	0.7	1.2	1.2	1.2	1.2	1.1	1.1
On-Site Total	**0.1**	**50.5**	**50.5**	**50.5**	**50.5**	**52.0**	**169.4**	**253.3**	**267.9**	**340.0**	**340.9**	**340.9**	**343.0**	**343.0**
Off-Site Motor Vehicles	**5.1**	**5.1**	**42.0**	**42.0**	**42.0**	**98.8**	**120.0**	**140.8**	**181.7**	**222.5**	**263.2**	**385.5**	**405.8**	**344.7**
Daily Total	**5.2**	**55.5**	**92.4**	**92.4**	**92.4**	**150.8**	**289.3**	**394.0**	**449.7**	**562.5**	**604.1**	**726.4**	**748.8**	**687.7**
Maximum On-Site Daily Total (lb/day)	**343.0**													
Maximum Off-Site Daily Total (lb/day)	**405.8**													
Maximum Daily Total (lb/day)	**748.8**													
Hourly Emissions (lb/hour)[c]														
On-Site														
Equipment	0.0	6.2	6.2	6.2	6.2	6.5	26.3	39.5	42.1	53.1	53.3	53.3	53.6	53.6
Motor Vehicles	0.0	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5
On-Site Total	**0.0**	**6.6**	**6.6**	**6.6**	**6.6**	**6.9**	**26.6**	**39.8**	**42.6**	**53.6**	**53.8**	**53.8**	**54.1**	**54.1**
Off-Site Motor Vehicles	**3.0**	**3.0**	**25.0**	**25.0**	**25.0**	**44.1**	**56.8**	**69.1**	**93.1**	**116.9**	**140.6**	**211.9**	**223.8**	**188.2**
Hourly Total	**3.0**	**9.6**	**31.6**	**31.6**	**31.6**	**51.0**	**83.4**	**108.9**	**135.7**	**170.5**	**194.4**	**265.7**	**277.9**	**242.3**
Maximum On-Site Hourly Total (lb/hour)	**54.1**													
Maximum Hourly Total (lb/hour)	**277.9**													

Table 5-A (continued)
Solar Array Construction CO Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	19.6	15.9	13.0	10.0	7.1	5.3	3.5	1.8	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**19.7**	**15.9**	**13.0**	**10.1**	**7.2**	**5.3**	**3.6**	**1.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**7.4**	**5.0**	**3.7**	**2.7**	**1.7**	**1.3**	**0.8**	**0.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
12-Month Total	**27.1**	**20.9**	**16.7**	**12.7**	**8.8**	**6.6**	**4.4**	**2.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Emissions (lb/month)													
On-Site													
Equipment	7,522.1	5,769.6	5,886.3	5,820.8	3,610.1	3,558.9	3,540.3	3,521.8	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	23.9	23.9	23.9	23.9	21.8	21.8	21.8	21.8	0.0	0.0	0.0	0.0	0.0
On-Site Total	**7,546.0**	**5,793.5**	**5,910.1**	**5,844.7**	**3,631.8**	**3,580.6**	**3,562.1**	**3,543.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**4,894.6**	**2,653.4**	**1,981.1**	**1,981.1**	**829.8**	**829.8**	**829.8**	**829.8**	**14.9**	**14.9**	**0.0**	**0.0**	**0.0**
Monthly Total	**12,440.6**	**8,447.0**	**7,891.3**	**7,825.8**	**4,461.7**	**4,410.5**	**4,391.9**	**4,373.4**	**14.9**	**14.9**	**0.0**	**0.0**	**0.0**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	341.9	262.3	267.6	264.6	164.1	161.8	160.9	160.1	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**343.0**	**263.3**	**268.6**	**265.7**	**165.1**	**162.8**	**161.9**	**161.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**222.5**	**120.6**	**90.1**	**90.1**	**37.7**	**37.7**	**37.7**	**37.7**	**0.7**	**0.7**	**0.0**	**0.0**	**0.0**
Daily Total	**565.5**	**384.0**	**358.7**	**355.7**	**202.8**	**200.5**	**199.6**	**198.8**	**0.7**	**0.7**	**0.0**	**0.0**	**0.0**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	53.6	41.1	42.0	41.5	25.7	25.3	25.1	25.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0
On-Site Total	**54.1**	**41.5**	**42.4**	**41.9**	**26.1**	**25.7**	**25.6**	**25.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**88.9**	**79.8**	**70.9**	**68.1**	**62.2**	**60.4**	**55.6**	**46.9**	**44.1**	**40.1**	**38.5**	**38.2**	**36.5**
Hourly Total	**143.0**	**121.3**	**113.3**	**110.0**	**88.3**	**86.1**	**81.2**	**72.3**	**44.1**	**40.1**	**38.5**	**38.2**	**36.5**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 5-B
Solar Array Construction Maximum On-Site CO Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	53.6	341.9	38.8
Motor Vehicles[a]	0.5	1.1	0.1
Maximum On-Site Total	**54.1**	**343.0**	**38.9**

[a] Emissions from source during period with maximum on-site total emissions

Table 5-C
Solar Array Construction VOC Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
On-Site														
Equipment	2.1	2.4	2.5	2.6	2.7	2.8	2.9	2.9	2.8	2.7	2.5	2.2	1.9	1.7
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**2.1**	**2.4**	**2.5**	**2.6**	**2.7**	**2.8**	**2.9**	**2.9**	**2.8**	**2.7**	**2.5**	**2.2**	**2.0**	**1.7**
Off-Site Motor Vehicles	**1.5**	**1.8**	**2.1**	**2.3**	**2.4**	**2.5**	**2.5**	**2.5**	**2.4**	**2.3**	**2.2**	**1.9**	**1.6**	**1.3**
12-Month Total	**3.6**	**4.2**	**4.7**	**5.0**	**5.2**	**5.4**	**5.5**	**5.4**	**5.2**	**5.0**	**4.7**	**4.2**	**3.6**	**3.0**
Maximum On-Site 12-Month Total (ton/year)	**2.9**													
Maximum 12-Month Total (ton/year)	**5.5**													
Monthly Emissions (lb/month)														
	0.1	286.5	286.5	286.5	286.5	297.4	263.0	394.0	494.3	533.3	540.6	540.6	554.3	554.3
On-Site														
Equipment	0.0	281.7	281.7	281.7	281.7	292.6	260.5	391.6	491.2	530.2	537.5	537.5	551.8	551.8
Motor Vehicles	0.1	4.8	4.8	4.8	4.8	4.8	2.4	2.4	3.1	3.1	3.1	3.1	2.5	2.5
On-Site Total	**0.1**	**286.5**	**286.5**	**286.5**	**286.5**	**297.4**	**263.0**	**394.0**	**494.3**	**533.3**	**540.6**	**540.6**	**554.3**	**554.3**
Off-Site Motor Vehicles	**6.8**	**6.8**	**58.7**	**58.7**	**58.7**	**260.7**	**292.9**	**322.7**	**378.5**	**433.0**	**487.5**	**650.9**	**678.1**	**596.4**
Monthly Total	**6.9**	**293.3**	**345.1**	**345.1**	**345.1**	**558.1**	**555.9**	**716.7**	**872.8**	**966.3**	**1,028.1**	**1,191.5**	**1,232.4**	**1,150.7**
Maximum On-Site Monthly Total (lb/month)	**554.3**													
Maximum Monthly Total (lb/month)	**1,232.4**													
Daily Emissions (lb/day)[b]														
On-Site														
Equipment	0.0	12.8	12.8	12.8	12.8	13.3	11.8	17.8	22.3	24.1	24.4	24.4	25.1	25.1
Motor Vehicles	0.0	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Total	**0.0**	**13.0**	**13.0**	**13.0**	**13.0**	**13.5**	**12.0**	**17.9**	**22.5**	**24.2**	**24.6**	**24.6**	**25.2**	**25.2**
Off-Site Motor Vehicles	**0.3**	**0.3**	**2.7**	**2.7**	**2.7**	**11.9**	**13.3**	**14.7**	**17.2**	**19.7**	**22.2**	**29.6**	**30.8**	**27.1**
Daily Total	**0.3**	**13.3**	**15.7**	**15.7**	**15.7**	**25.4**	**25.3**	**32.6**	**39.7**	**43.9**	**46.7**	**54.2**	**56.0**	**52.3**
Maximum On-Site Daily Total (lb/day)	**25.2**													
Maximum Off-Site Daily Total (lb/day)	**30.8**													
Maximum Daily Total (lb/day)	**56.0**													
Hourly Emissions (lb/hour)[c]														
	0.0	1.7	1.7	1.7	1.7	1.8	2.0	3.0	3.8	4.1	4.2	4.2	4.3	4.3
On-Site														
Equipment	0.0	1.6	1.6	1.6	1.6	1.7	1.9	2.9	3.8	4.0	4.1	4.1	4.2	4.2
Motor Vehicles	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0
On-Site Total	**0.0**	**1.7**	**1.7**	**1.7**	**1.7**	**1.8**	**2.0**	**3.0**	**3.8**	**4.1**	**4.2**	**4.2**	**4.3**	**4.3**
Off-Site Motor Vehicles	**0.2**	**0.2**	**1.6**	**1.6**	**1.6**	**3.9**	**4.8**	**5.7**	**7.2**	**8.6**	**10.1**	**14.4**	**15.1**	**13.0**
Hourly Total	**0.2**	**1.9**	**3.3**	**3.3**	**3.3**	**5.7**	**6.8**	**8.7**	**11.0**	**12.7**	**14.2**	**18.6**	**19.4**	**17.2**
Maximum On-Site Hourly Total (lb/hour)	**4.3**													
Maximum Hourly Total (lb/hour)	**19.4**													

Table 5-C (continued)
Solar Array Construction VOC Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	1.4	1.1	0.9	0.6	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**1.4**	**1.1**	**0.9**	**0.6**	**0.4**	**0.3**	**0.2**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**1.0**	**0.8**	**0.6**	**0.5**	**0.4**	**0.3**	**0.2**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
12-Month Total	**2.4**	**1.9**	**1.5**	**1.1**	**0.8**	**0.6**	**0.4**	**0.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Emissions (lb/month)													
On-Site													
Equipment	551.8	457.9	498.4	476.3	221.2	202.8	195.5	188.1	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	2.5	2.5	2.5	2.5	1.9	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0
On-Site Total	**554.3**	**460.4**	**500.9**	**478.8**	**223.1**	**204.7**	**197.4**	**190.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**433.0**	**296.8**	**255.9**	**255.9**	**179.3**	**179.3**	**179.3**	**179.3**	**0.9**	**0.9**	**0.0**	**0.0**	**0.0**
Monthly Total	**987.3**	**757.2**	**756.9**	**734.7**	**402.5**	**384.1**	**376.8**	**369.4**	**0.9**	**0.9**	**0.0**	**0.0**	**0.0**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	25.1	20.8	22.7	21.6	10.1	9.2	8.9	8.6	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
On-Site Total	**25.2**	**20.9**	**22.8**	**21.8**	**10.1**	**9.3**	**9.0**	**8.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**19.7**	**13.5**	**11.6**	**11.6**	**8.2**	**8.2**	**8.2**	**8.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Daily Total	**44.9**	**34.4**	**34.4**	**33.4**	**18.3**	**17.5**	**17.1**	**16.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	4.2	3.4	3.8	3.6	1.7	1.5	1.5	1.4	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**4.3**	**3.5**	**3.8**	**3.6**	**1.7**	**1.6**	**1.5**	**1.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**5.9**	**5.3**	**4.7**	**4.5**	**3.9**	**3.8**	**3.5**	**3.0**	**2.8**	**2.6**	**2.5**	**2.5**	**2.4**
Hourly Total	**10.1**	**8.7**	**8.5**	**8.2**	**5.7**	**5.4**	**5.1**	**4.5**	**2.8**	**2.6**	**2.5**	**2.5**	**2.4**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 5-D
Solar Array Construction Maximum On-Site VOC Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	4.2	25.1	2.9
Motor Vehicles[a]	0.0	0.1	0.0
Maximum On-Site Total	**4.3**	**25.2**	**2.9**

[a] Emissions from source during period with maximum on-site total emissions

Table 5-E
Solar Array Construction NOx Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
On-Site														
Equipment	13.3	14.6	14.6	14.5	14.4	14.4	14.3	14.0	13.4	12.3	11.3	10.1	8.8	7.5
Motor Vehicles	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Total	**13.5**	**14.9**	**14.8**	**14.7**	**14.6**	**14.5**	**14.4**	**14.2**	**13.5**	**12.5**	**11.4**	**10.2**	**8.9**	**7.6**
Off-Site Motor Vehicles	**9.9**	**11.5**	**13.0**	**14.4**	**15.6**	**16.8**	**16.9**	**16.8**	**16.6**	**16.4**	**16.1**	**14.7**	**13.1**	**11.5**
12-Month Total	**23.4**	**26.3**	**27.8**	**29.1**	**30.2**	**31.4**	**31.3**	**30.9**	**30.1**	**28.8**	**27.6**	**24.9**	**22.0**	**19.1**
Maximum On-Site 12-Month Total (ton/year)	**14.9**													
Maximum 12-Month Total (ton/year)	**31.4**													
Monthly Emissions (lb/month)														
On-Site														
Equipment	0.0	2,676.2	2,676.2	2,676.2	2,676.2	2,740.2	1,207.5	1,848.6	2,590.7	2,481.3	2,511.1	2,511.1	2,596.9	2,596.9
Motor Vehicles	0.1	65.9	65.9	65.9	65.9	65.9	26.1	26.1	27.6	27.6	27.6	27.6	19.4	19.4
On-Site Total	**0.1**	**2,742.1**	**2,742.1**	**2,742.1**	**2,742.1**	**2,806.1**	**1,233.6**	**1,874.7**	**2,618.3**	**2,508.9**	**2,538.7**	**2,538.7**	**2,616.3**	**2,616.3**
Off-Site Motor Vehicles	**10.6**	**10.6**	**132.2**	**132.2**	**132.2**	**2,453.9**	**2,564.9**	**2,644.0**	**2,747.3**	**2,832.5**	**2,917.6**	**3,173.0**	**3,215.5**	**3,087.8**
Monthly Total	**10.8**	**2,752.7**	**2,874.2**	**2,874.2**	**2,874.2**	**5,259.9**	**3,798.5**	**4,518.6**	**5,365.6**	**5,341.4**	**5,456.3**	**5,711.6**	**5,831.8**	**5,704.1**
Maximum On-Site Monthly Total (lb/month)	**2,806.1**													
Maximum Monthly Total (lb/month)	**5,831.8**													
Daily Emissions (lb/day)[b]														
On-Site														
Equipment	0.0	121.6	121.6	121.6	121.6	124.6	54.9	84.0	117.8	112.8	114.1	114.1	118.0	118.0
Motor Vehicles	0.0	3.0	3.0	3.0	3.0	3.0	1.2	1.2	1.3	1.3	1.3	1.3	0.9	0.9
On-Site Total	**0.0**	**124.6**	**124.6**	**124.6**	**124.6**	**127.5**	**56.1**	**85.2**	**119.0**	**114.0**	**115.4**	**115.4**	**118.9**	**118.9**
Off-Site Motor Vehicles	**0.5**	**0.5**	**6.0**	**6.0**	**6.0**	**111.5**	**116.6**	**120.2**	**124.9**	**128.7**	**132.6**	**144.2**	**146.2**	**140.4**
Daily Total	**0.5**	**125.1**	**130.6**	**130.6**	**130.6**	**239.1**	**172.7**	**205.4**	**243.9**	**242.8**	**248.0**	**259.6**	**265.1**	**259.3**
Maximum On-Site Daily Total (lb/day)	**127.5**													
Maximum Off-Site Daily Total (lb/day)	**146.2**													
Maximum Daily Total (lb/day)	**265.1**													
Hourly Emissions (lb/hour)[c]														
On-Site														
Equipment	0.0	15.2	15.2	15.2	15.2	15.9	9.3	14.5	20.6	19.7	19.9	19.9	20.6	20.6
Motor Vehicles	0.0	1.3	1.3	1.3	1.3	1.3	0.5	0.5	0.6	0.6	0.6	0.6	0.4	0.4
On-Site Total	**0.0**	**16.5**	**16.5**	**16.5**	**16.5**	**17.2**	**9.8**	**15.0**	**21.1**	**20.3**	**20.5**	**20.5**	**21.0**	**21.0**
Off-Site Motor Vehicles	**0.3**	**0.3**	**4.4**	**4.4**	**4.4**	**25.3**	**29.5**	**32.3**	**35.4**	**37.7**	**39.9**	**46.7**	**47.8**	**44.4**
Hourly Total	**0.3**	**16.8**	**20.9**	**20.9**	**20.9**	**42.5**	**39.3**	**47.3**	**56.5**	**57.9**	**60.4**	**67.2**	**68.8**	**65.4**
Maximum On-Site Hourly Total (lb/hour)	**21.3**													
Maximum Hourly Total (lb/hour)	**68.8**													

Table 5-E (continued)
Solar Array Construction NOx Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	6.2	4.9	3.7	2.4	1.1	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**6.3**	**5.0**	**3.8**	**2.4**	**1.1**	**0.8**	**0.5**	**0.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**9.9**	**8.5**	**7.2**	**5.9**	**4.7**	**3.5**	**2.3**	**1.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
12-Month Total	**16.2**	**13.5**	**11.0**	**8.4**	**5.8**	**4.3**	**2.8**	**1.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Emissions (lb/month)													
On-Site													
Equipment	2,596.9	2,382.9	2,697.1	2,565.8	710.0	527.1	497.3	467.6	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	19.4	19.4	19.4	19.4	11.2	11.2	11.2	11.2	0.0	0.0	0.0	0.0	0.0
On-Site Total	**2,616.3**	**2,402.3**	**2,716.5**	**2,585.2**	**721.1**	**538.3**	**508.5**	**478.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**2,832.5**	**2,619.7**	**2,555.8**	**2,555.8**	**2,330.8**	**2,330.8**	**2,330.8**	**2,330.8**	**1.4**	**1.4**	**0.0**	**0.0**	**0.0**
Monthly Total	**5,448.8**	**5,021.9**	**5,272.3**	**5,141.0**	**3,051.9**	**2,869.0**	**2,839.3**	**2,809.5**	**1.4**	**1.4**	**0.0**	**0.0**	**0.0**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	118.0	108.3	122.6	116.6	32.3	24.0	22.6	21.3	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.9	0.9	0.9	0.9	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
On-Site Total	**118.9**	**109.2**	**123.5**	**117.5**	**32.8**	**24.5**	**23.1**	**21.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**128.7**	**119.1**	**116.2**	**116.2**	**105.9**	**105.9**	**105.9**	**105.9**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**
Daily Total	**247.7**	**228.3**	**239.7**	**233.7**	**138.7**	**130.4**	**129.1**	**127.7**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	20.6	18.5	20.9	19.9	5.8	4.5	4.2	4.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
On-Site Total	**21.0**	**18.9**	**21.3**	**20.3**	**6.1**	**4.7**	**4.4**	**4.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**16.9**	**14.6**	**13.8**	**13.4**	**8.6**	**8.3**	**7.9**	**7.2**	**7.0**	**6.6**	**6.4**	**6.4**	**6.2**
Hourly Total	**37.9**	**33.5**	**35.0**	**33.7**	**14.6**	**13.0**	**12.3**	**11.4**	**7.0**	**6.6**	**6.4**	**6.4**	**6.2**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 5-F
Solar Array Construction Maximum On-Site NOx Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	20.9	124.6	14.6
Motor Vehicles[a]	0.4	3.0	0.3
Maximum On-Site Total	**21.3**	**127.5**	**14.9**

[a] Emissions from source during period with maximum on-site total emissions

Table 5-G
Solar Array Construction SOx Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
On-Site														
Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
12-Month Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Maximum On-Site 12-Month Total (ton/year)	**0.0**													
Maximum 12-Month Total (ton/year)	**0.0**													
Monthly Emissions (lb/month)														
On-Site														
Equipment	0.0	6.2	6.2	6.2	6.2	6.2	1.2	1.9	2.6	2.6	2.6	2.6	2.7	2.7
Motor Vehicles	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**1.3**	**1.9**	**2.6**	**2.6**	**2.6**	**2.6**	**2.7**	**2.7**
Off-Site Motor Vehicles	**0.1**	**0.1**	**0.5**	**0.5**	**0.5**	**3.1**	**3.4**	**3.6**	**4.1**	**4.6**	**5.1**	**6.6**	**6.8**	**6.1**
Monthly Total	**0.1**	**6.3**	**6.8**	**6.8**	**6.8**	**9.3**	**4.6**	**5.6**	**6.8**	**7.2**	**7.7**	**9.2**	**9.5**	**8.8**
Maximum On-Site Monthly Total (lb/month)	**6.3**													
Maximum Monthly Total (lb/month)	**9.5**													
Daily Emissions (lb/day)[b]														
On-Site														
Equipment	0.0	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Off-Site Motor Vehicles	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**
Daily Total	**0.0**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.2**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**
Maximum On-Site Daily Total (lb/day)	**0.3**													
Maximum Off-Site Daily Total (lb/day)	**0.3**													
Maximum Daily Total (lb/day)	**0.4**													
Hourly Emissions (lb/hour)[c]														
On-Site														
Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Hourly Total	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**
Maximum On-Site Hourly Total (lb/hour)	**0.0**													
Maximum Hourly Total (lb/hour)	**0.2**													

Table 5-G (continued)
Solar Array Construction SOx Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
12-Month Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Emissions (lb/month)													
On-Site													
Equipment	2.7	2.5	2.7	2.6	0.8	0.6	0.6	0.5	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**2.7**	**2.5**	**2.7**	**2.6**	**0.8**	**0.6**	**0.6**	**0.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**4.6**	**3.4**	**3.0**	**3.0**	**2.3**	**2.3**	**2.3**	**2.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total	**7.3**	**5.9**	**5.8**	**5.7**	**3.1**	**2.9**	**2.9**	**2.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Daily Total	**0.3**	**0.3**	**0.3**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Hourly Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 5-H
Solar Array Construction Maximum On-Site SOx Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	0.0	0.3	0.0
Motor Vehicles[a]	0.0	0.0	0.0
Maximum On-Site Total	**0.0**	**0.3**	**0.0**

[a] Emissions from source during period with maximum on-site total emissions

Table 5-I
Solar Array Construction PM10 Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
On-Site														
Equipment	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.6
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	6.4	6.5	6.1	5.5	5.0	4.4	4.1	4.0	3.9	3.8	3.6	3.2	2.8	2.5
On-Site Total	**7.2**	**7.4**	**7.0**	**6.5**	**6.0**	**5.4**	**5.1**	**5.0**	**4.9**	**4.7**	**4.5**	**4.0**	**3.5**	**3.1**
Off-Site Motor Vehicle Exhaust and Fugitive	**1.4**	**1.7**	**2.0**	**2.2**	**2.3**	**2.4**	**2.4**	**2.4**	**2.3**	**2.2**	**2.1**	**1.9**	**1.6**	**1.2**
12-Month Total	**8.6**	**9.2**	**9.1**	**8.7**	**8.3**	**7.8**	**7.5**	**7.4**	**7.2**	**6.9**	**6.6**	**5.9**	**5.1**	**4.4**
Maximum On-Site 12-Month Total (ton/year)	**7.4**													
Maximum 12-Month Total (ton/year)	**9.2**													
Monthly Emissions (lb/month)														
On-Site														
Equipment	0.0	117.9	117.9	117.9	117.9	123.6	91.6	137.9	181.4	187.9	190.1	190.1	197.9	197.9
Motor Vehicle Exhaust	0.0	2.9	2.9	2.9	2.9	2.9	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.7
Fugitive	309.7	1,479.6	1,769.8	1,769.8	1,769.8	1,280.7	630.8	630.8	777.0	777.0	777.0	777.0	630.8	630.8
On-Site Total	**309.7**	**1,600.4**	**1,890.7**	**1,890.7**	**1,890.7**	**1,407.3**	**723.5**	**769.8**	**959.5**	**966.0**	**968.2**	**968.2**	**829.4**	**829.4**
Off-Site Motor Vehicle Exhaust and Fugitive	**6.3**	**6.3**	**54.0**	**54.0**	**54.0**	**252.6**	**282.3**	**309.9**	**361.2**	**411.3**	**461.3**	**611.5**	**636.6**	**561.5**
Monthly Total	**316.0**	**1,606.7**	**1,944.7**	**1,944.7**	**1,944.7**	**1,659.9**	**1,005.8**	**1,079.6**	**1,320.6**	**1,377.2**	**1,429.5**	**1,579.7**	**1,466.0**	**1,390.9**
Maximum On-Site Monthly Total (lb/month)	**1,890.7**													
Maximum Monthly Total (lb/month)	**1,944.7**													
Daily Emissions (lb/day)[b]														
On-Site														
Equipment	0.0	5.4	5.4	5.4	5.4	5.6	4.2	6.3	8.2	8.5	8.6	8.6	9.0	9.0
Motor Vehicle Exhaust	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	14.1	67.3	80.4	80.4	80.4	58.2	28.7	28.7	35.3	35.3	35.3	35.3	28.7	28.7
On-Site Total	**14.1**	**72.7**	**85.9**	**85.9**	**85.9**	**64.0**	**32.9**	**35.0**	**43.6**	**43.9**	**44.0**	**44.0**	**37.7**	**37.7**
Off-Site Motor Vehicle Exhaust and Fugitive	**0.3**	**0.3**	**2.5**	**2.5**	**2.5**	**11.5**	**12.8**	**14.1**	**16.4**	**18.7**	**21.0**	**27.8**	**28.9**	**25.5**
Daily Total	**14.4**	**73.0**	**88.4**	**88.4**	**88.4**	**75.4**	**45.7**	**49.1**	**60.0**	**62.6**	**65.0**	**71.8**	**66.6**	**63.2**
Maximum On-Site Daily Total (lb/day)	**85.9**													
Maximum Off-Site Daily Total (lb/day)	**28.9**													
Maximum Daily Total (lb/day)	**88.4**													
Hourly Emissions (lb/hour)[c]														
On-Site														
Equipment	0.0	0.7	0.7	0.7	0.7	0.7	0.7	1.1	1.4	1.5	1.5	1.5	1.5	1.5
Motor Vehicle Exhaust	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	1.5	26.5	27.4	27.4	27.4	26.5	12.2	12.2	15.1	15.1	15.1	15.1	12.2	12.2
On-Site Total	**1.5**	**27.2**	**28.1**	**28.1**	**28.1**	**27.3**	**12.9**	**13.2**	**16.6**	**16.6**	**16.6**	**16.6**	**13.7**	**13.7**
Off-Site Motor Vehicle Exhaust and Fugitive	**0.2**	**0.2**	**1.5**	**1.5**	**1.5**	**3.7**	**4.6**	**5.4**	**6.7**	**8.1**	**9.4**	**13.4**	**14.0**	**12.0**
Hourly Total	**1.6**	**27.4**	**29.7**	**29.7**	**29.7**	**31.0**	**17.4**	**18.6**	**23.3**	**24.7**	**26.0**	**30.0**	**27.8**	**25.8**
Maximum On-Site Hourly Total (lb/hour)	**28.1**													
Maximum Hourly Total (lb/hour)	**31.0**													

Table 5-I (continued)
Solar Array Construction PM10 Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	2.2	1.9	1.6	1.3	0.9	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0
On-Site Total	**2.7**	**2.3**	**1.9**	**1.5**	**1.1**	**0.8**	**0.5**	**0.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**1.0**	**0.7**	**0.6**	**0.5**	**0.4**	**0.3**	**0.2**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
12-Month Total	**3.7**	**3.0**	**2.5**	**2.0**	**1.4**	**1.1**	**0.7**	**0.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Emissions (lb/month)													
On-Site													
Equipment	197.9	163.3	181.4	170.4	77.3	70.2	68.0	65.8	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Exhaust	0.7	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0
Fugitive	630.8	630.8	630.8	630.8	484.5	484.5	484.5	438.6	0.0	0.0	0.0	0.0	0.0
On-Site Total	**829.4**	**794.8**	**812.9**	**801.9**	**562.2**	**555.1**	**552.9**	**504.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**411.3**	**286.1**	**248.5**	**248.5**	**177.8**	**177.8**	**177.8**	**177.8**	**0.8**	**0.8**	**0.0**	**0.0**	**0.0**
Monthly Total	**1,240.7**	**1,080.9**	**1,061.5**	**1,050.4**	**740.0**	**733.0**	**730.7**	**682.6**	**0.8**	**0.8**	**0.0**	**0.0**	**0.0**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	9.0	7.4	8.2	7.7	3.5	3.2	3.1	3.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	28.7	28.7	28.7	28.7	22.0	22.0	22.0	19.9	0.0	0.0	0.0	0.0	0.0
On-Site Total	**37.7**	**36.1**	**37.0**	**36.5**	**25.6**	**25.2**	**25.1**	**22.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**18.7**	**13.0**	**11.3**	**11.3**	**8.1**	**8.1**	**8.1**	**8.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Daily Total	**56.4**	**49.1**	**48.2**	**47.7**	**33.6**	**33.3**	**33.2**	**31.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	1.5	1.2	1.4	1.3	0.6	0.6	0.5	0.5	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	12.2	12.2	12.2	12.2	9.2	9.2	9.2	9.2	0.0	0.0	0.0	0.0	0.0
On-Site Total	**13.7**	**13.4**	**13.6**	**13.5**	**9.8**	**9.8**	**9.8**	**9.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**5.5**	**5.0**	**4.5**	**4.2**	**3.7**	**3.5**	**3.3**	**2.8**	**2.6**	**2.4**	**2.3**	**2.3**	**2.2**
Hourly Total	**19.3**	**18.4**	**18.0**	**17.7**	**13.5**	**13.3**	**13.0**	**12.5**	**2.6**	**2.4**	**2.3**	**2.3**	**2.2**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 5-J
Solar Array Construction Maximum On-Site PM10 Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	0.7	5.4	0.9
Motor Vehicle Exhaust[a]	0.1	0.1	0.0
Fugitive[a]	27.4	80.4	6.5
Maximum On-Site Total	**28.1**	**85.9**	**7.4**

[a] Emissions from source during period with maximum on-site total emissions

Table 5-K
Solar Array Construction PM2.5 Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
12-Month Running Emissions (ton/year)[a]														
On-Site														
Equipment	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.5
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	1.3	1.4	1.3	1.2	1.1	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.5
On-Site Total	**2.1**	**2.2**	**2.1**	**2.0**	**1.9**	**1.8**	**1.8**	**1.7**	**1.7**	**1.6**	**1.5**	**1.4**	**1.2**	**1.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**0.6**	**0.7**	**0.8**	**0.9**	**0.9**	**1.0**	**1.0**	**1.0**	**0.9**	**0.9**	**0.9**	**0.8**	**0.7**	**0.6**
12-Month Total	**2.6**	**2.9**	**2.9**	**2.9**	**2.8**	**2.8**	**2.7**	**2.7**	**2.6**	**2.5**	**2.4**	**2.2**	**1.9**	**1.6**
Maximum On-Site 12-Month Total (ton/year)	**2.2**													
Maximum 12-Month Total (ton/year)	**2.9**													
Monthly Emissions (lb/month)														
On-Site														
Equipment	0.0	108.5	108.5	108.5	108.5	113.7	78.5	118.2	158.2	161.3	163.4	163.4	170.6	170.6
Motor Vehicle Exhaust	0.0	2.7	2.7	2.7	2.7	2.7	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7
Fugitive	64.7	312.7	373.1	373.1	373.1	271.4	133.6	133.6	164.6	164.6	164.6	164.6	133.5	133.5
On-Site Total	**64.7**	**423.9**	**484.3**	**484.3**	**484.3**	**387.8**	**213.0**	**252.8**	**323.8**	**326.9**	**328.9**	**328.9**	**304.8**	**304.8**
Off-Site Motor Vehicle Exhaust and Fugitive	**1.3**	**4.0**	**15.7**	**15.7**	**15.7**	**127.2**	**134.1**	**141.1**	**152.7**	**163.5**	**174.2**	**206.5**	**211.6**	**195.4**
Monthly Total	**66.0**	**427.9**	**500.0**	**500.0**	**500.0**	**515.0**	**347.1**	**393.9**	**476.5**	**490.3**	**503.1**	**535.4**	**516.4**	**500.2**
Maximum On-Site Monthly Total (lb/month)	**484.3**													
Maximum Monthly Total (lb/month)	**535.4**													
Daily Emissions (lb/day)[b]														
On-Site														
Equipment	0.0	4.9	4.9	4.9	4.9	5.2	3.6	5.4	7.2	7.3	7.4	7.4	7.8	7.8
Motor Vehicle Exhaust	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	2.9	14.2	17.0	17.0	17.0	12.3	6.1	6.1	7.5	7.5	7.5	7.5	6.1	6.1
On-Site Total	**2.9**	**19.3**	**22.0**	**22.0**	**22.0**	**17.6**	**9.7**	**11.5**	**14.7**	**14.9**	**15.0**	**15.0**	**13.9**	**13.9**
Off-Site Motor Vehicle Exhaust and Fugitive	**0.1**	**0.2**	**0.7**	**0.7**	**0.7**	**5.8**	**6.1**	**6.4**	**6.9**	**7.4**	**7.9**	**9.4**	**9.6**	**8.9**
Daily Total	**3.0**	**19.5**	**22.7**	**22.7**	**22.7**	**23.4**	**15.8**	**17.9**	**21.7**	**22.3**	**22.9**	**24.3**	**23.5**	**22.7**
Maximum On-Site Daily Total (lb/day)	**22.0**													
Maximum Off-Site Daily Total (lb/day)	**9.6**													
Maximum Daily Total (lb/day)	**24.3**													
Hourly Emissions (lb/hour)[c]														
On-Site														
Equipment	0.0	0.6	0.6	0.6	0.6	0.7	0.6	0.9	1.3	1.3	1.3	1.3	1.3	1.3
Motor Vehicle Exhaust	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	0.3	5.6	5.8	5.8	5.8	5.6	2.6	2.6	3.2	3.2	3.2	3.2	2.6	2.6
On-Site Total	**0.3**	**6.3**	**6.5**	**6.5**	**6.5**	**6.3**	**3.2**	**3.5**	**4.5**	**4.5**	**4.5**	**4.5**	**3.9**	**3.9**
Off-Site Motor Vehicle Exhaust and Fugitive	**0.0**	**0.1**	**0.4**	**0.4**	**0.4**	**1.5**	**1.8**	**2.0**	**2.3**	**2.6**	**2.9**	**3.7**	**3.9**	**3.4**
Hourly Total	**0.3**	**6.4**	**6.9**	**6.9**	**6.9**	**7.8**	**4.9**	**5.5**	**6.8**	**7.1**	**7.4**	**8.2**	**7.8**	**7.4**
Maximum On-Site Hourly Total (lb/hour)	**6.5**													
Maximum Hourly Total (lb/hour)	**8.2**													

Table 5-K (continued)
Solar Array Construction PM2.5 Emissions Summary

	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
12-Month Running Emissions (ton/yr)[a]													
On-Site													
Equipment	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	0.5	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.9**	**0.7**	**0.6**	**0.5**	**0.3**	**0.2**	**0.2**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**0.5**	**0.4**	**0.3**	**0.3**	**0.2**	**0.2**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
12-Month Total	**1.4**	**1.2**	**1.0**	**0.7**	**0.5**	**0.4**	**0.3**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Emissions (lb/month)													
On-Site													
Equipment	170.6	141.6	158.3	148.1	65.3	58.8	56.8	54.8	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Exhaust	0.7	0.7	0.7	0.7	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
Fugitive	133.5	133.5	133.5	133.5	102.5	102.5	102.5	93.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**304.8**	**275.9**	**292.5**	**282.3**	**168.2**	**161.7**	**159.7**	**148.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**163.1**	**136.2**	**128.1**	**128.1**	**109.0**	**109.0**	**109.0**	**109.0**	**0.2**	**0.2**	**0.0**	**0.0**	**0.0**
Monthly Total	**467.9**	**412.1**	**420.6**	**410.5**	**277.2**	**270.7**	**268.6**	**257.1**	**0.2**	**0.2**	**0.0**	**0.0**	**0.0**
Daily Emissions (lb/day)[b]													
On-Site													
Equipment	7.8	6.4	7.2	6.7	3.0	2.7	2.6	2.5	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	6.1	6.1	6.1	6.1	4.7	4.7	4.7	4.2	0.0	0.0	0.0	0.0	0.0
On-Site Total	**13.9**	**12.5**	**13.3**	**12.8**	**7.6**	**7.4**	**7.3**	**6.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**7.4**	**6.2**	**5.8**	**5.8**	**5.0**	**5.0**	**5.0**	**5.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Daily Total	**21.3**	**18.7**	**19.1**	**18.7**	**12.6**	**12.3**	**12.2**	**11.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Hourly Emissions (lb/hour)[c]													
On-Site													
Equipment	1.3	1.1	1.2	1.1	0.5	0.5	0.5	0.4	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	2.6	2.6	2.6	2.6	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**3.9**	**3.7**	**3.8**	**3.7**	**2.5**	**2.4**	**2.4**	**2.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**1.5**	**1.3**	**1.2**	**1.1**	**0.9**	**0.8**	**0.8**	**0.7**	**0.7**	**0.6**	**0.6**	**0.6**	**0.6**
Hourly Total	**5.4**	**5.0**	**5.0**	**4.9**	**3.4**	**3.3**	**3.2**	**3.1**	**0.7**	**0.6**	**0.6**	**0.6**	**0.6**

[a] The value for each month is the total for that month and the next 11 months

[b] Daily emissions = Monthly emissions / 22 working days/month

[c] Hourly emissions are based on simultaneous operation of all emission sources

Table 5-L
Solar Array Construction Maximum On-Site PM2.5 Emissions Summary

Source	Hourly (lb/hr)	Daily (lb/day)	Annual (ton/yr)
Equipment[a]	0.6	4.9	0.8
Motor Vehicle Exhaust[a]	0.1	0.1	0.0
Fugitive[a]	5.8	17.0	1.4
Maximum On-Site Total	**6.5**	**22.0**	**2.2**

[a] Emissions from source during period with maximum on-site total emissions

Table 6-A
Solar Array Construction Equipment and Motor Vehicle Numbers

Equipment/Vehicle Type	Fuel	Hours or Miles/Day	Monthly Number													
			Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
Construction Equipment																
Air Compressor, Ingersoll-Rand	Diesel	4.5	0	0	0	0	0	1	1	3	6	6	6	6	6	6
Crane, 20-Ton, TR400	Diesel	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welder, Multiquip, GA 3800	Gasoline	6.5	0	0	0	0	0	0	6	9	9	12	12	12	12	12
Welder, Multiquip, BLW-300SS	Diesel	6	0	0	0	0	0	0	2	2	4	4	6	6	6	6
Backhoe, Cat, 420E	Diesel	6	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Trencher, Cat 140G	Diesel	6	0	0	0	0	0	0	1	1	1	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	6	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Scraper, CAT 657G, Tractor Engine	Diesel	8	0	4	4	4	4	4	0	0	0	0	0	0	0	0
Scraper, CAT 657G, Scraper Engine	Diesel	8	0	4	4	4	4	4	0	0	0	0	0	0	0	0
Pipelayer, Cat 561N	Diesel	6	0	0	0	0	0	0	0	0	2	2	2	2	2	2
Truck, Concrete Pump, International	Diesel	6	0	0	0	0	0	0	3	5	6	6	6	6	6	6
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	Diesel	9	0	8	8	8	8	8	3	3	3	3	3	3	2	2
On-Site Flatbed Truck	Gasoline	5	0	0	0	0	0	0	1	1	2	2	2	2	2	2
On-Site Pickup Truck	Gasoline	4	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Off-Site Vehicles																
Off-Site Flat Bed Trucks	Gasoline	160	0	0	0	0	0	6	6	6	6	6	6	6	6	6
Off-Site Cement Trucks	Diesel	20	0	0	0	0	0	0	3	5	6	6	6	6	6	6
Off-Site Dump Trucks	Diesel	40	0	0	0	0	0	2	2	2	2	2	2	2	2	2
Off-Site Pickup Trucks	Gasoline	20	0	0	2	2	2	2	2	2	2	2	2	2	2	2
Off-Site Pipe Hauling Trucks	Diesel	14	0	0	0	0	0	2	2	2	2	2	2	2	2	2
Off-Site Water Trucks	Diesel	5	0	0	10	10	10	0	3	3	3	3	3	3	3	3
Off-Site Construction Worker Commute	Gasoline	60	5	5	40	40	40	60	80	100	140	180	220	340	360	300
Off-Site Tractor-Trailer	Diesel	200	0	0	0	0	0	12	12	12	12	12	12	12	12	12

Table 6-A (continued)
Solar Array Construction Equipment and Motor Vehicle Numbers

Equipment/Vehicle Type	Fuel	Hours or Miles/Day	Monthly Number												
			Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment															
Air Compressor, Ingersoll-Rand	Diesel	4.5	6	3	3	3	3	3	3	3	0	0	0	0	0
Crane, 20-Ton, TR400	Diesel	6	0	0	1	1	1	0	0	0	0	0	0	0	0
Welder, Multiquip, GA 3800	Gasoline	6.5	12	9	9	9	6	6	6	6	0	0	0	0	0
Welder, Multiquip, BLW-300SS	Diesel	6	6	6	6	6	6	6	4	2	0	0	0	0	0
Backhoe, Cat, 420E	Diesel	6	1	1	1	1	0	0	0	0	0	0	0	0	0
Trencher, Cat 140G	Diesel	6	0	0	1	0	0	0	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	6	1	1	1	1	1	1	1	1	0	0	0	0	0
Scraper, CAT 657G, Tractor Engine	Diesel	8	0	0	0	0	0	0	0	0	0	0	0	0	0
Scraper, CAT 657G, Scraper Engine	Diesel	8	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipelayer, Cat 561N	Diesel	6	2	2	2	2	0	0	0	0	0	0	0	0	0
Truck, Concrete Pump, International	Diesel	6	6	6	6	6	0	0	0	0	0	0	0	0	0
Motor Vehicles															
On-site Vehicles															
On-Site Watering Truck	Diesel	9	2	2	2	2	1	1	1	1	0	0	0	0	0
On-Site Flatbed Truck	Gasoline	5	2	2	2	2	2	2	2	2	0	0	0	0	0
On-Site Pickup Truck	Gasoline	4	2	2	2	2	2	2	2	2	0	0	0	0	0
Off-Site Vehicles															
Off-Site Flat Bed Trucks	Gasoline	160	6	6	6	6	6	6	6	6	0	0	0	0	0
Off-Site Cement Trucks	Diesel	20	6	6	6	6	0	0	0	0	0	0	0	0	0
Off-Site Dump Trucks	Diesel	40	2	2	2	2	2	2	2	2	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	20	2	2	2	2	2	2	2	2	2	2	0	0	0
Off-Site Pipe Hauling Trucks	Diesel	14	2	2	2	2	2	2	2	2	0	0	0	0	0
Off-Site Water Trucks	Diesel	5	3	3	3	3	1	1	1	1	0	0	0	0	0
Off-Site Construction Worker Commute	Gasoline	60	180	80	50	50	0	0	0	0	0	0	0	0	0
Off-Site Tractor-Trailer	Diesel	200	12	12	12	12	12	12	12	12	0	0	0	0	0

Table 6-B
Solar Array Construction Monthly Construction Equipment and Motor Vehicle Use

Equipment/Vehicle Type	Fuel	Monthly Operating Hours or Miles[a]														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	Diesel	0	0	0	0	0	99	99	297	594	594	594	594	594	594	594
Crane, 20-Ton, TR400	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welder, Multiquip, GA 3800	Gasoline	0	0	0	0	0	0	858	1,287	1,287	1,716	1,716	1,716	1,716	1,716	1,716
Welder, Multiquip, BLW-300SS	Diesel	0	0	0	0	0	0	264	264	528	528	792	792	792	792	792
Backhoe, Cat, 420E	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	132	132	132
Trencher, Cat 140G	Diesel	0	0	0	0	0	0	132	132	132	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	0	0	0	0	0	0	132	132	132	132	132	132	132	132	132
Scraper, CAT 657G, Tractor Engine	Diesel	0	704	704	704	704	704	0	0	0	0	0	0	0	0	0
Scraper, CAT 657G, Scraper Engine	Diesel	0	704	704	704	704	704	0	0	0	0	0	0	0	0	0
Pipelayer, Cat 561N	Diesel	0	0	0	0	0	0	0	0	264	264	264	264	264	264	264
Truck, Concrete Pump, International	Diesel	0	0	0	0	0	0	396	660	792	792	792	792	792	792	792
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	Diesel	0	1,584	1,584	1,584	1,584	1,584	594	594	594	594	594	594	396	396	396
On-Site Flatbed Truck	Gasoline	0	0	0	0	0	0	110	110	220	220	220	220	220	220	220
On-Site Pickup Truck	Gasoline	88	88	88	88	88	88	88	88	176	176	176	176	176	176	176
Off-Site Vehicles																
Off-Site Flat Bed Trucks	Gasoline	0	0	0	0	0	21,120	21,120	21,120	21,120	21,120	21,120	21,120	21,120	21,120	21,120
Off-Site Cement Trucks	Diesel	0	0	0	0	0	0	1,320	2,200	2,640	2,640	2,640	2,640	2,640	2,640	2,640
Off-Site Dump Trucks	Diesel	0	0	0	0	0	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760
Off-Site Pickup Trucks	Gasoline	0	0	880	880	880	880	880	880	880	880	880	880	880	880	880
Off-Site Pipe Hauling Trucks	Diesel	0	0	0	0	0	616	616	616	616	616	616	616	616	616	616
Off-Site Water Trucks	Diesel	0	0	1,100	1,100	1,100	0	330	330	330	330	330	330	330	330	330
Off-Site Construction Worker Commute	Gasoline	6,600	6,600	52,800	52,800	52,800	79,200	105,600	132,000	184,800	237,600	290,400	448,800	475,200	396,000	237,600
Off-Site Tractor-Trailer	Diesel	0	0	0	0	0	52,800	52,800	52,800	52,800	52,800	52,800	52,800	52,800	52,800	52,800

Table 6-B (continued)
Solar Array Construction Monthly Construction Equipment and Motor Vehicle Use

Equipment/Vehicle Type	Fuel	Monthly Operating Hours or Miles[a]											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	Diesel	297	297	297	297	297	297	297	0	0	0	0	0
Crane, 20-Ton, TR400	Diesel	0	132	132	132	0	0	0	0	0	0	0	0
Welder, Multiquip, GA 3800	Gasoline	1,287	1,287	1,287	858	858	858	858	0	0	0	0	0
Welder, Multiquip, BLW-300SS	Diesel	792	792	792	792	792	528	264	0	0	0	0	0
Backhoe, Cat, 420E	Diesel	132	132	132	0	0	0	0	0	0	0	0	0
Trencher, Cat 140G	Diesel	0	132	0	0	0	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	132	132	132	132	132	132	132	0	0	0	0	0
Scraper, CAT 657G, Tractor Engine	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Scraper, CAT 657G, Scraper Engine	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Pipelayer, Cat 561N	Diesel	264	264	264	0	0	0	0	0	0	0	0	0
Truck, Concrete Pump, International	Diesel	792	792	792	0	0	0	0	0	0	0	0	0
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	Diesel	396	396	396	198	198	198	198	0	0	0	0	0
On-Site Flatbed Truck	Gasoline	220	220	220	220	220	220	220	0	0	0	0	0
On-Site Pickup Truck	Gasoline	176	176	176	176	176	176	176	0	0	0	0	0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	Gasoline	21,120	21,120	21,120	21,120	21,120	21,120	21,120	0	0	0	0	0
Off-Site Cement Trucks	Diesel	2,640	2,640	2,640	0	0	0	0	0	0	0	0	0
Off-Site Dump Trucks	Diesel	1,760	1,760	1,760	1,760	1,760	1,760	1,760	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	880	880	880	880	880	880	880	880	880	0	0	0
Off-Site Pipe Hauling Trucks	Diesel	616	616	616	616	616	616	616	0	0	0	0	0
Off-Site Water Trucks	Diesel	330	330	330	110	110	110	110	0	0	0	0	0
Off-Site Construction Worker Commute	Gasoline	105,600	66,000	66,000	0	0	0	0	0	0	0	0	0
Off-Site Tractor-Trailer	Diesel	52,800	52,800	52,800	52,800	52,800	52,800	52,800	0	0	0	0	0

a Based on 22 working days per month

Table 6-C
Solar Array Construction Monthly Construction Equipment and Motor Vehicle CO Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.3383	0.0	0.0	0.0	0.0	0.0	33.5	33.5	100.5	201.0	201.0	201.0	201.0	201.0	201.0	201.0
Crane, 20-Ton, TR400	0.3877	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	3.8508	0.0	0.0	0.0	0.0	0.0	0.0	3,304.0	4,956.0	4,956.0	6,608.0	6,608.0	6,608.0	6,608.0	6,608.0	6,608.0
Welder, Multiquip, BLW-300SS	0.0703	0.0	0.0	0.0	0.0	0.0	0.0	18.5	18.5	37.1	37.1	55.6	55.6	55.6	55.6	55.6
Backhoe, Cat, 420E	0.3700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.8	48.8	48.8
Trencher, Cat 140G	0.4959	0.0	0.0	0.0	0.0	0.0	0.0	65.5	65.5	65.5	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.7480	0.0	0.0	0.0	0.0	0.0	0.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
Scraper, CAT 657G, Tractor Engine	0.9814	0.0	690.9	690.9	690.9	690.9	690.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.5690	0.0	400.6	400.6	400.6	400.6	400.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.4931	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130.2	130.2	130.2	130.2	130.2	130.2	130.2
Truck, Concrete Pump, International	0.4795	0.0	0.0	0.0	0.0	0.0	0.0	189.9	316.4	379.7	379.7	379.7	379.7	379.7	379.7	379.7
Construction Equipment Total		**0.0**	**1,091.5**	**1,091.5**	**1,091.5**	**1,091.5**	**1,125.0**	**3,710.1**	**5,555.7**	**5,868.2**	**7,454.7**	**7,473.3**	**7,473.3**	**7,522.1**	**7,522.1**	**7,522.1**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.0107	0.0	17.0	17.0	17.0	17.0	17.0	6.4	6.4	6.4	6.4	6.4	6.4	4.3	4.3	4.3
On-Site Flatbed Truck	0.0757	0.0	0.0	0.0	0.0	0.0	0.0	8.3	8.3	16.6	16.6	16.6	16.6	16.6	16.6	16.6
On-Site Pickup Truck	0.0170	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0105	0.0	0.0	0.0	0.0	0.0	221.5	221.5	221.5	221.5	221.5	221.5	221.5	221.5	221.5	221.5
Off-Site Cement Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	14.2	23.6	28.3	28.3	28.3	28.3	28.3	28.3	28.3
Off-Site Dump Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
Off-Site Pickup Trucks	0.0170	0.0	0.0	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
Off-Site Pipe Hauling Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
Off-Site Water Trucks	0.0107	0.0	0.0	11.8	11.8	11.8	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Off-Site Construction Worker Commute	0.0170	112.1	112.1	896.5	896.5	896.5	1,344.7	1,792.9	2,241.1	3,137.6	4,034.1	4,930.5	7,619.9	8,068.1	6,723.4	4,034.1
Off-Site Tractor-Trailer	0.0107	0.0	0.0	0.0	0.0	0.0	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
On-Site Motor Vehicle Total		**1.5**	**18.5**	**18.5**	**18.5**	**18.5**	**18.5**	**16.2**	**16.2**	**26.0**	**26.0**	**26.0**	**26.0**	**23.9**	**23.9**	**23.9**
Off-Site Motor Vehicle Total		**112.1**	**112.1**	**923.2**	**923.2**	**923.2**	**2,173.3**	**2,639.3**	**3,097.0**	**3,998.1**	**4,894.6**	**5,791.0**	**8,480.4**	**8,928.6**	**7,584.0**	**4,894.6**

Table 6-C (continued)
Solar Array Construction Monthly Construction Equipment and Motor Vehicle CO Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.3383	100.5	100.5	100.5	100.5	100.5	100.5	100.5	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.3877	0.0	51.2	51.2	51.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	3.8508	4,956.0	4,956.0	4,956.0	3,304.0	3,304.0	3,304.0	3,304.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.0703	55.6	55.6	55.6	55.6	55.6	37.1	18.5	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.3700	48.8	48.8	48.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.4959	0.0	65.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.7480	98.7	98.7	98.7	98.7	98.7	98.7	98.7	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	0.9814	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.5690	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.4931	130.2	130.2	130.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.4795	379.7	379.7	379.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**5,769.6**	**5,886.3**	**5,820.8**	**3,610.1**	**3,558.9**	**3,540.3**	**3,521.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.0107	4.3	4.3	4.3	2.1	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0757	16.6	16.6	16.6	16.6	16.6	16.6	16.6	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.0170	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0105	221.5	221.5	221.5	221.5	221.5	221.5	221.5	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.0107	28.3	28.3	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.0107	18.9	18.9	18.9	18.9	18.9	18.9	18.9	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0170	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.0107	6.6	6.6	6.6	6.6	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.0107	3.5	3.5	3.5	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0170	1,792.9	1,120.6	1,120.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.0107	566.7	566.7	566.7	566.7	566.7	566.7	566.7	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**23.9**	**23.9**	**23.9**	**21.8**	**21.8**	**21.8**	**21.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**2,653.4**	**1,981.1**	**1,981.1**	**829.8**	**829.8**	**829.8**	**829.8**	**14.9**	**14.9**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 6-D
Solar Array Construction Monthly Construction Equipment and Motor Vehicle VOC Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.1102	0.0	0.0	0.0	0.0	0.0	10.9	10.9	32.7	65.5	65.5	65.5	65.5	65.5	65.5	65.5
Crane, 20-Ton, TR400	0.1391	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.1425	0.0	0.0	0.0	0.0	0.0	0.0	122.3	183.4	183.4	244.5	244.5	244.5	244.5	244.5	244.5
Welder, Multiquip, BLW-300SS	0.0278	0.0	0.0	0.0	0.0	0.0	0.0	7.3	7.3	14.7	14.7	22.0	22.0	22.0	22.0	22.0
Backhoe, Cat, 420E	0.1082	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	14.3	14.3
Trencher, Cat 140G	0.1676	0.0	0.0	0.0	0.0	0.0	0.0	22.1	22.1	22.1	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.1954	0.0	0.0	0.0	0.0	0.0	0.0	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
Scraper, CAT 657G, Tractor Engine	0.2533	0.0	178.3	178.3	178.3	178.3	178.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.1468	0.0	103.4	103.4	103.4	103.4	103.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.1344	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.5	35.5	35.5	35.5	35.5	35.5	35.5
Truck, Concrete Pump, International	0.1821	0.0	0.0	0.0	0.0	0.0	0.0	72.1	120.2	144.2	144.2	144.2	144.2	144.2	144.2	144.2
Construction Equipment Total		**0.0**	**281.7**	**281.7**	**281.7**	**281.7**	**292.6**	**260.5**	**391.6**	**491.2**	**530.2**	**537.5**	**537.5**	**551.8**	**551.8**	**551.8**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.0030	0.0	4.7	4.7	4.7	4.7	4.7	1.8	1.8	1.8	1.8	1.8	1.8	1.2	1.2	1.2
On-Site Flatbed Truck	0.0052	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1
On-Site Pickup Truck	0.0010	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0007	0.0	0.0	0.0	0.0	0.0	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
Off-Site Cement Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	3.9	6.5	7.8	7.8	7.8	7.8	7.8	7.8	7.8
Off-Site Dump Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Off-Site Pickup Trucks	0.0010	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Off-Site Pipe Hauling Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Off-Site Water Trucks	0.0030	0.0	0.0	3.3	3.3	3.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Off-Site Construction Worker Commute	0.0010	6.8	6.8	54.5	54.5	54.5	81.7	109.0	136.2	190.7	245.2	299.6	463.1	490.3	408.6	245.2
Off-Site Tractor-Trailer	0.0030	0.0	0.0	0.0	0.0	0.0	156.7	156.7	156.7	156.7	156.7	156.7	156.7	156.7	156.7	156.7
On-Site Motor Vehicle Total		**0.1**	**4.8**	**4.8**	**4.8**	**4.8**	**4.8**	**2.4**	**2.4**	**3.1**	**3.1**	**3.1**	**3.1**	**2.5**	**2.5**	**2.5**
Off-Site Motor Vehicle Total		**6.8**	**6.8**	**58.7**	**58.7**	**58.7**	**260.7**	**292.9**	**322.7**	**378.5**	**433.0**	**487.5**	**650.9**	**678.1**	**596.4**	**433.0**

Table 6-D (continued)
Solar Array Construction Monthly Construction Equipment and Motor Vehicle VOC Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.1102	32.7	32.7	32.7	32.7	32.7	32.7	32.7	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.1391	0.0	18.4	18.4	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.1425	183.4	183.4	183.4	122.3	122.3	122.3	122.3	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.0278	22.0	22.0	22.0	22.0	22.0	14.7	7.3	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.1082	14.3	14.3	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.1676	0.0	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.1954	25.8	25.8	25.8	25.8	25.8	25.8	25.8	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	0.2533	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.1468	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.1344	35.5	35.5	35.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.1821	144.2	144.2	144.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**457.9**	**498.4**	**476.3**	**221.2**	**202.8**	**195.5**	**188.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.0030	1.2	1.2	1.2	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0052	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.0010	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0007	14.3	14.3	14.3	14.3	14.3	14.3	14.3	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.0030	7.8	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.0030	5.2	5.2	5.2	5.2	5.2	5.2	5.2	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0010	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.0030	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.0030	1.0	1.0	1.0	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0010	109.0	68.1	68.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.0030	156.7	156.7	156.7	156.7	156.7	156.7	156.7	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**2.5**	**2.5**	**2.5**	**1.9**	**1.9**	**1.9**	**1.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**296.8**	**255.9**	**255.9**	**179.3**	**179.3**	**179.3**	**179.3**	**0.9**	**0.9**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 6-E
Solar Array Construction Monthly Construction Equipment and Motor Vehicle NOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.6466	0.0	0.0	0.0	0.0	0.0	64.0	64.0	192.0	384.1	384.1	384.1	384.1	384.1	384.1	384.1
Crane, 20-Ton, TR400	1.3855	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.0512	0.0	0.0	0.0	0.0	0.0	0.0	44.0	65.9	65.9	87.9	87.9	87.9	87.9	87.9	87.9
Welder, Multiquip, BLW-300SS	0.1128	0.0	0.0	0.0	0.0	0.0	0.0	29.8	29.8	59.5	59.5	89.3	89.3	89.3	89.3	89.3
Backhoe, Cat, 420E	0.6504	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.9	85.9	85.9
Trencher, Cat 140G	0.9951	0.0	0.0	0.0	0.0	0.0	0.0	131.4	131.4	131.4	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	1.5287	0.0	0.0	0.0	0.0	0.0	0.0	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8	201.8
Scraper, CAT 657G, Tractor Engine	2.4062	0.0	1,694.0	1,694.0	1,694.0	1,694.0	1,694.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	1.3952	0.0	982.2	982.2	982.2	982.2	982.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	1.0408	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	274.8	274.8	274.8	274.8	274.8	274.8	274.8
Truck, Concrete Pump, International	1.8601	0.0	0.0	0.0	0.0	0.0	0.0	736.6	1,227.7	1,473.2	1,473.2	1,473.2	1,473.2	1,473.2	1,473.2	1,473.2
Construction Equipment Total		**0.0**	**2,676.2**	**2,676.2**	**2,676.2**	**2,676.2**	**2,740.2**	**1,207.5**	**1,848.6**	**2,590.7**	**2,481.3**	**2,511.1**	**2,511.1**	**2,596.9**	**2,596.9**	**2,596.9**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.0415	0.0	65.7	65.7	65.7	65.7	65.7	24.6	24.6	24.6	24.6	24.6	24.6	16.4	16.4	16.4
On-Site Flatbed Truck	0.0122	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.7	2.7	2.7	2.7	2.7	2.7	2.7
On-Site Pickup Truck	0.0016	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0017	0.0	0.0	0.0	0.0	0.0	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
Off-Site Cement Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	54.8	91.3	109.5	109.5	109.5	109.5	109.5	109.5	109.5
Off-Site Dump Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
Off-Site Pickup Trucks	0.0016	0.0	0.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Off-Site Pipe Hauling Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
Off-Site Water Trucks	0.0415	0.0	0.0	45.6	45.6	45.6	0.0	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
Off-Site Construction Worker Commute	0.0016	10.6	10.6	85.1	85.1	85.1	127.7	170.2	212.8	297.9	383.0	468.2	723.5	766.1	638.4	383.0
Off-Site Tractor-Trailer	0.0415	0.0	0.0	0.0	0.0	0.0	2,190.7	2,190.7	2,190.7	2,190.7	2,190.7	2,190.7	2,190.7	2,190.7	2,190.7	2,190.7
On-Site Motor Vehicle Total		**0.1**	**65.9**	**65.9**	**65.9**	**65.9**	**65.9**	**26.1**	**26.1**	**27.6**	**27.6**	**27.6**	**27.6**	**19.4**	**19.4**	**19.4**
Off-Site Motor Vehicle Total		**10.6**	**10.6**	**132.2**	**132.2**	**132.2**	**2,453.9**	**2,564.9**	**2,644.0**	**2,747.3**	**2,832.5**	**2,917.6**	**3,173.0**	**3,215.5**	**3,087.8**	**2,832.5**

Table 6-E (continued)
Solar Array Construction Monthly Construction Equipment and Motor Vehicle NOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.6466	192.0	192.0	192.0	192.0	192.0	192.0	192.0	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	1.3855	0.0	182.9	182.9	182.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.0512	65.9	65.9	65.9	44.0	44.0	44.0	44.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.1128	89.3	89.3	89.3	89.3	89.3	59.5	29.8	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.6504	85.9	85.9	85.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.9951	0.0	131.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	1.5287	201.8	201.8	201.8	201.8	201.8	201.8	201.8	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	2.4062	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	1.3952	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	1.0408	274.8	274.8	274.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	1.8601	1,473.2	1,473.2	1,473.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**2,382.9**	**2,697.1**	**2,565.8**	**710.0**	**527.1**	**497.3**	**467.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.0415	16.4	16.4	16.4	8.2	8.2	8.2	8.2	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0122	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.0016	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0017	35.5	35.5	35.5	35.5	35.5	35.5	35.5	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.0415	109.5	109.5	109.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.0415	73.0	73.0	73.0	73.0	73.0	73.0	73.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0016	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.0415	25.6	25.6	25.6	25.6	25.6	25.6	25.6	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.0415	13.7	13.7	13.7	4.6	4.6	4.6	4.6	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0016	170.2	106.4	106.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.0415	2,190.7	2,190.7	2,190.7	2,190.7	2,190.7	2,190.7	2,190.7	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**19.4**	**19.4**	**19.4**	**11.2**	**11.2**	**11.2**	**11.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**2,619.7**	**2,555.8**	**2,555.8**	**2,330.8**	**2,330.8**	**2,330.8**	**2,330.8**	**1.4**	**1.4**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 6-F
Solar Array Construction Monthly Construction Equipment and Motor Vehicle SOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.00055	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Crane, 20-Ton, TR400	0.00126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.00015	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
Welder, Multiquip, BLW-300SS	0.00014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Backhoe, Cat, 420E	0.00061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Trencher, Cat 140G	0.00076	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.00139	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Scraper, CAT 657G, Tractor Engine	0.00559	0.0	3.9	3.9	3.9	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.00316	0.0	2.2	2.2	2.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.00090	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Truck, Concrete Pump, International	0.00187	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Construction Equipment Total		**0.0**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**1.2**	**1.9**	**2.6**	**2.6**	**2.6**	**2.6**	**2.7**	**2.7**	**2.7**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.00004	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Cement Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Dump Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Pickup Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00001	0.1	0.1	0.5	0.5	0.5	0.7	1.0	1.2	1.7	2.2	2.7	4.1	4.4	3.6	2.2
Off-Site Tractor-Trailer	0.00004	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
On-Site Motor Vehicle Total		**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.1**	**0.1**	**0.5**	**0.5**	**0.5**	**3.1**	**3.4**	**3.6**	**4.1**	**4.6**	**5.1**	**6.6**	**6.8**	**6.1**	**4.6**

Table 6-F (continued)
Solar Array Construction Monthly Construction Equipment and Motor Vehicle SOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.00055	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.00126	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.00015	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00014	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.00061	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.00076	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.00139	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	0.00559	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.00316	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.00090	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.00187	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**2.5**	**2.7**	**2.6**	**0.8**	**0.6**	**0.6**	**0.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00001	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00004	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.00004	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00001	1.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.00004	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**3.4**	**3.0**	**3.0**	**2.3**	**2.3**	**2.3**	**2.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 6-G
Solar Array Construction Monthly Construction Equipment and Motor Vehicle Exhaust PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.05731	0.0	0.0	0.0	0.0	0.0	5.7	5.7	17.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
Crane, 20-Ton, TR400	0.05343	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.04095	0.0	0.0	0.0	0.0	0.0	0.0	35.1	52.7	52.7	70.3	70.3	70.3	70.3	70.3	70.3
Welder, Multiquip, BLW-300SS	0.00841	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.4	4.4	6.7	6.7	6.7	6.7	6.7
Backhoe, Cat, 420E	0.05940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	7.8	7.8
Trencher, Cat 140G	0.08367	0.0	0.0	0.0	0.0	0.0	0.0	11.0	11.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.08638	0.0	0.0	0.0	0.0	0.0	0.0	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
Scraper, CAT 657G, Tractor Engine	0.10605	0.0	74.7	74.7	74.7	74.7	74.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.06149	0.0	43.3	43.3	43.3	43.3	43.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.05885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	15.5	15.5	15.5	15.5	15.5	15.5
Truck, Concrete Pump, International	0.06588	0.0	0.0	0.0	0.0	0.0	0.0	26.1	43.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2
Construction Equipment Total		**0.0**	**117.9**	**117.9**	**117.9**	**117.9**	**123.6**	**91.6**	**137.9**	**181.4**	**187.9**	**190.1**	**190.1**	**197.9**	**197.9**	**197.9**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.00183	0.0	2.9	2.9	2.9	2.9	2.9	1.1	1.1	1.1	1.1	1.1	1.1	0.7	0.7	0.7
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00006	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Off-Site Cement Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Off-Site Dump Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Off-Site Pickup Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Off-Site Water Trucks	0.00183	0.0	0.0	2.0	2.0	2.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Off-Site Construction Worker Commute	0.00005	0.3	0.3	2.4	2.4	2.4	3.6	4.9	6.1	8.5	10.9	13.4	20.7	21.9	18.2	10.9
Off-Site Tractor-Trailer	0.00183	0.0	0.0	0.0	0.0	0.0	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
On-Site Motor Vehicle Total		**0.0**	**2.9**	**2.9**	**2.9**	**2.9**	**2.9**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**0.7**	**0.7**	**0.7**
Off-Site Motor Vehicle Total		**0.3**	**0.3**	**4.5**	**4.5**	**4.5**	**106.1**	**110.4**	**113.2**	**116.4**	**118.9**	**121.3**	**128.6**	**129.8**	**126.2**	**118.9**

Table 6-G (continued)
Solar Array Construction Monthly Construction Equipment and Motor Vehicle Exhaust PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.05731	17.0	17.0	17.0	17.0	17.0	17.0	17.0	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.05343	0.0	7.1	7.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.04095	52.7	52.7	52.7	35.1	35.1	35.1	35.1	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00841	6.7	6.7	6.7	6.7	6.7	4.4	2.2	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.05940	7.8	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.08367	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.08638	11.4	11.4	11.4	11.4	11.4	11.4	11.4	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	0.10605	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.06149	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.05885	15.5	15.5	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.06588	52.2	52.2	52.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**163.3**	**181.4**	**170.4**	**77.3**	**70.2**	**68.0**	**65.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.00183	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00006	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00183	4.8	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.00183	3.2	3.2	3.2	3.2	3.2	3.2	3.2	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00183	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00183	0.6	0.6	0.6	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00005	4.9	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.00183	96.9	96.9	96.9	96.9	96.9	96.9	96.9	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.7**	**0.7**	**0.7**	**0.4**	**0.4**	**0.4**	**0.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**112.8**	**111.0**	**111.0**	**102.7**	**102.7**	**102.7**	**102.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 6-H
Solar Array Construction Monthly Construction Equipment and Motor Vehicle Exhaust PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.05273	0.0	0.0	0.0	0.0	0.0	5.2	5.2	15.7	31.3	31.3	31.3	31.3	31.3	31.3	31.3
Crane, 20-Ton, TR400	0.04915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.03096	0.0	0.0	0.0	0.0	0.0	0.0	26.6	39.8	39.8	53.1	53.1	53.1	53.1	53.1	53.1
Welder, Multiquip, BLW-300SS	0.00773	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	4.1	4.1	6.1	6.1	6.1	6.1	6.1
Backhoe, Cat, 420E	0.05465	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2	7.2
Trencher, Cat 140G	0.07698	0.0	0.0	0.0	0.0	0.0	0.0	10.2	10.2	10.2	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.07947	0.0	0.0	0.0	0.0	0.0	0.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
Scraper, CAT 657G, Tractor Engine	0.09757	0.0	68.7	68.7	68.7	68.7	68.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.05657	0.0	39.8	39.8	39.8	39.8	39.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.05415	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	14.3	14.3	14.3	14.3	14.3	14.3
Truck, Concrete Pump, International	0.06061	0.0	0.0	0.0	0.0	0.0	0.0	24.0	40.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
Construction Equipment Total		**0.0**	**108.5**	**108.5**	**108.5**	**108.5**	**113.7**	**78.5**	**118.2**	**158.2**	**161.3**	**163.4**	**163.4**	**170.6**	**170.6**	**170.6**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.00169	0.0	2.7	2.7	2.7	2.7	2.7	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.7
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Off-Site Cement Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	2.2	3.7	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Off-Site Dump Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Off-Site Pickup Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Off-Site Water Trucks	0.00169	0.0	0.0	1.9	1.9	1.9	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Off-Site Construction Worker Commute	0.00004	0.3	0.3	2.3	2.3	2.3	3.4	4.5	5.6	7.9	10.2	12.4	19.2	20.3	16.9	10.2
Off-Site Tractor-Trailer	0.00169	0.0	0.0	0.0	0.0	0.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
On-Site Motor Vehicle Total		**0.0**	**2.7**	**2.7**	**2.7**	**2.7**	**2.7**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0.7**	**0.7**	**0.7**
Off-Site Motor Vehicle Total		**0.3**	**3.0**	**6.8**	**6.8**	**6.8**	**100.4**	**102.6**	**105.2**	**108.2**	**110.5**	**112.7**	**119.5**	**120.3**	**116.9**	**110.1**

Table 6-H (continued)
Solar Array Construction Monthly Construction Equipment and Motor Vehicle Exhaust PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.05273	15.7	15.7	15.7	15.7	15.7	15.7	15.7	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.04915	0.0	6.5	6.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.03096	39.8	39.8	39.8	26.6	26.6	26.6	26.6	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00773	6.1	6.1	6.1	6.1	6.1	4.1	2.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.05465	7.2	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.07698	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.07947	10.5	10.5	10.5	10.5	10.5	10.5	10.5	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	0.09757	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.05657	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.05415	14.3	14.3	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.06061	48.0	48.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**141.6**	**158.3**	**148.1**	**65.3**	**58.8**	**56.8**	**54.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.00169	0.7	0.7	0.7	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00005	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00169	4.5	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.00169	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00169	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00169	0.6	0.6	0.6	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00004	4.5	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.00169	89.1	89.1	89.1	89.1	89.1	89.1	89.1	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.7**	**0.7**	**0.7**	**0.3**	**0.3**	**0.3**	**0.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**104.5**	**102.8**	**102.8**	**94.8**	**94.8**	**94.8**	**94.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 6-I
Solar Array Construction Monthly Motor Vehicle Fugitive PM10 Emissions

Vehicle Type	Emission Factor (lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
On-site Vehicles																
On-Site Watering Truck	0.74	0.0	1,169.9	1,169.9	1,169.9	1,169.9	1,169.9	438.7	438.7	438.7	438.7	438.7	438.7	292.5	292.5	292.5
On-Site Flatbed Truck	0.74	0.0	0.0	0.0	0.0	0.0	0.0	81.2	81.2	162.4	162.4	162.4	162.4	162.4	162.4	162.4
On-Site Pickup Truck	0.74	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00090	0.0	0.0	0.0	0.0	0.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
Off-Site Cement Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Off-Site Dump Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Off-Site Pickup Trucks	0.00090	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Off-Site Pipe Hauling Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Off-Site Water Trucks	0.00100	0.0	0.0	1.1	1.1	1.1	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Construction Worker Commute	0.00090	6.0	6.0	47.6	47.6	47.6	71.5	95.3	119.1	166.7	214.4	262.0	404.9	428.7	357.3	214.4
Off-Site Tractor-Trailer	0.00100	0.0	0.0	0.0	0.0	0.0	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
On-Site Motor Vehicle Total		**65.0**	**1,234.8**	**1,234.8**	**1,234.8**	**1,234.8**	**1,234.8**	**584.9**	**584.9**	**731.1**	**731.1**	**731.1**	**731.1**	**584.9**	**584.9**	**584.9**
Off-Site Motor Vehicle Total		**6.0**	**6.0**	**49.5**	**49.5**	**49.5**	**146.5**	**172.0**	**196.7**	**244.7**	**292.4**	**340.0**	**482.9**	**506.7**	**435.3**	**292.4**

Table 6-I (continued)
Solar Array Construction Monthly Motor Vehicle Fugitive PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
On-site Vehicles													
On-Site Watering Truck	0.74	292.5	292.5	292.5	146.2	146.2	146.2	146.2	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.74	162.4	162.4	162.4	162.4	162.4	162.4	162.4	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.74	130.0	130.0	130.0	130.0	130.0	130.0	130.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00090	19.1	19.1	19.1	19.1	19.1	19.1	19.1	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00100	2.6	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.00100	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00090	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00100	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00100	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00090	95.3	59.5	59.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.00100	52.8	52.8	52.8	52.8	52.8	52.8	52.8	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**584.9**	**584.9**	**584.9**	**438.6**	**438.6**	**438.6**	**438.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**173.3**	**137.6**	**137.6**	**75.1**	**75.1**	**75.1**	**75.1**	**0.8**	**0.8**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 6-J
Solar Array Construction Monthly Motor Vehicle Fugitive PM2.5 Emissions

Vehicle Type	Emission Factor (lb/mile)	Monthly Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
On-site Vehicles																
On-Site Watering Truck	0.16	0.0	248.0	248.0	248.0	248.0	248.0	93.0	93.0	93.0	93.0	93.0	93.0	62.0	62.0	62.0
On-Site Flatbed Truck	0.16	0.0	0.0	0.0	0.0	0.0	0.0	17.2	17.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4
On-Site Pickup Truck	0.16	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	27.6	27.6	27.6	27.6	27.6	27.6	27.6
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00016	0.0	0.0	0.0	0.0	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
Off-Site Cement Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Off-Site Dump Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Pickup Trucks	0.00016	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Pipe Hauling Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Water Trucks	0.00019	0.0	0.0	0.2	0.2	0.2	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Construction Worker Commute	0.00016	1.1	1.1	8.5	8.5	8.5	12.8	17.0	21.3	29.8	38.3	46.8	72.3	76.6	63.8	38.3
Off-Site Tractor-Trailer	0.00019	0.0	0.0	0.0	0.0	0.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
On-Site Motor Vehicle Total		**13.8**	**261.8**	**261.8**	**261.8**	**261.8**	**261.8**	**124.0**	**124.0**	**155.0**	**155.0**	**155.0**	**155.0**	**124.0**	**124.0**	**124.0**
Off-Site Motor Vehicle Total		**1.1**	**1.1**	**8.9**	**8.9**	**8.9**	**26.9**	**31.5**	**35.9**	**44.5**	**53.0**	**61.5**	**87.0**	**91.3**	**78.5**	**53.0**

Table 6-J (continued)
Solar Array Construction Monthly Motor Vehicle Fugitive PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/mile)	Monthly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
On-site Vehicles													
On-Site Watering Truck	0.16	62.0	62.0	62.0	31.0	31.0	31.0	31.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.16	34.4	34.4	34.4	34.4	34.4	34.4	34.4	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.16	27.6	27.6	27.6	27.6	27.6	27.6	27.6	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00016	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00019	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.00019	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00016	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00019	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00019	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00016	17.0	10.6	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.00019	10.1	10.1	10.1	10.1	10.1	10.1	10.1	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**124.0**	**124.0**	**124.0**	**93.0**	**93.0**	**93.0**	**93.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**31.7**	**25.3**	**25.3**	**14.1**	**14.1**	**14.1**	**14.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 6-K
Solar Array Construction Monthly Fugitive PM10 and PM2.5 Activities

Activity	Units	Quantity per Month														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	Cu. Yd.	0	0	319,184	319,184	319,184	0	0	0	0	0	0	0	0	0	0
Storage Pile Wind Erosion[a]	Acres-Days	0.00	0.00	45.00	45.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bulldozing and Grading	Hours	704	704	704	704	704	132	132	132	132	132	132	132	132	132	132

Table 6-K (continued)
Solar Array Construction Monthly Fugitive PM10 and PM2.5 Activities

Activity	Units	Quantity per Day											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	Cu. Yd.	0	0	0	0	0	0	0	0	0	0	0	0
Storage Pile Wind Erosion[a]	Acres-Days	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bulldozing and Grading	Hours	132	132	132	132	132	132	0	0	0	0	0	0

[a] Based on 30 days per month

Table 6-L
Solar Array Construction Monthly Fugitive PM10 Emissions

Activity	Emission Factor	Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	4.97E-04	0.0	0.0	158.6	158.6	158.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	2.9	0.0	0.0	131.7	131.7	131.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.348	244.7	244.7	244.7	244.7	244.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
Total		**244.7**	**244.7**	**535.0**	**535.0**	**535.0**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**

Table 6-L (continued)
Solar Array Construction Monthly Fugitive PM10 Emissions

Activity	Emission Factor	Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	4.97E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.348	45.9	45.9	45.9	45.9	45.9	45.9	0.0	0.0	0.0	0.0	0.0	0.0
Total		**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**45.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 6-M
Solar Array Construction Monthly Fugitive PM2.5 Emissions

Activity	Emission Factor	Emissions (lb/month)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	1.03E-04	0.0	0.0	33.0	33.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.6	0.0	0.0	27.4	27.4	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.072	50.9	50.9	50.9	50.9	50.9	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
Total		**50.9**	**50.9**	**111.3**	**111.3**	**111.3**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**

Table 6-M (continued)
Solar Array Construction Monthly Fugitive PM2.5 Emissions

Activity	Emission Factor	Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	1.03E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.072	9.5	9.5	9.5	9.5	9.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0
Total		**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**9.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 7-A
Solar Array Construction Equipment and Motor Vehicle Numbers

Equipment/Vehicle Type	Fuel	Hours or Miles/Hour	Monthly Number													
			Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14
Construction Equipment																
Air Compressor, Ingersoll-Rand	Diesel	1	0	0	0	0	0	1	1	3	6	6	6	6	6	6
Crane, 20-Ton, TR400	Diesel	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welder, Multiquip, GA 3800	Gasoline	1	0	0	0	0	0	0	6	9	9	12	12	12	12	12
Welder, Multiquip, BLW-300SS	Diesel	1	0	0	0	0	0	0	2	2	4	4	6	6	6	6
Backhoe, Cat, 420E	Diesel	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Trencher, Cat 140G	Diesel	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Scraper, CAT 657G, Tractor Engine	Diesel	1	0	4	4	4	4	4	0	0	0	0	0	0	0	0
Scraper, CAT 657G, Scraper Engine	Diesel	1	0	4	4	4	4	4	0	0	0	0	0	0	0	0
Pipelayer, Cat 561N	Diesel	1	0	0	0	0	0	0	0	0	2	2	2	2	2	2
Truck, Concrete Pump, International	Diesel	1	0	0	0	0	0	0	3	5	6	6	6	6	6	6
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	Diesel	4	0	8	8	8	8	8	3	3	3	3	3	3	2	2
On-Site Flatbed Truck	Gasoline	2	0	0	0	0	0	0	1	1	2	2	2	2	2	2
On-Site Pickup Truck	Gasoline	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2
Off-Site Vehicles																
Off-Site Flat Bed Trucks	Gasoline	35	0	0	0	0	0	6	6	6	6	6	6	6	6	6
Off-Site Cement Trucks	Diesel	20	0	0	0	0	0	0	3	5	6	6	6	6	6	6
Off-Site Dump Trucks	Diesel	35	0	0	0	0	0	2	2	2	2	2	2	2	2	2
Off-Site Pickup Trucks	Gasoline	20	0	0	2	2	2	2	2	2	2	2	2	2	2	2
Off-Site Pipe Hauling Trucks	Diesel	14	0	0	0	0	0	2	2	2	2	2	2	2	2	2
Off-Site Water Trucks	Diesel	5	0	0	10	10	10	0	3	3	3	3	3	3	3	3
Off-Site Construction Worker Commute	Gasoline	35	5	5	40	40	40	60	80	100	140	180	220	340	360	300
Off-Site Tractor-Trailer	Diesel	35	0	0	0	0	0	12	12	12	12	12	12	12	12	12

Table 7-A (continued)
Solar Array Construction Equipment and Motor Vehicle Numbers

Equipment/Vehicle Type	Fuel	Hours or Miles/Hour	Monthly Number												
			Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment															
Air Compressor, Ingersoll-Rand	Diesel	1	6	3	3	3	3	3	3	3	0	0	0	0	0
Crane, 20-Ton, TR400	Diesel	1	0	0	1	1	1	0	0	0	0	0	0	0	0
Welder, Multiquip, GA 3800	Gasoline	1	12	9	9	9	6	6	6	6	0	0	0	0	0
Welder, Multiquip, BLW-300SS	Diesel	1	6	6	6	6	6	6	4	2	0	0	0	0	0
Backhoe, Cat, 420E	Diesel	1	1	1	1	1	0	0	0	0	0	0	0	0	0
Trencher, Cat 140G	Diesel	1	0	0	1	0	0	0	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	1	1	1	1	1	1	1	1	1	0	0	0	0	0
Scraper, CAT 657G, Tractor Engine	Diesel	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Scraper, CAT 657G, Scraper Engine	Diesel	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Pipelayer, Cat 561N	Diesel	1	2	2	2	2	0	0	0	0	0	0	0	0	0
Truck, Concrete Pump, International	Diesel	1	6	6	6	6	0	0	0	0	0	0	0	0	0
Motor Vehicles															
On-site Vehicles															
On-Site Watering Truck	Diesel	4	2	2	2	2	1	1	1	1	0	0	0	0	0
On-Site Flatbed Truck	Gasoline	2	2	2	2	2	2	2	2	2	0	0	0	0	0
On-Site Pickup Truck	Gasoline	2	2	2	2	2	2	2	2	2	0	0	0	0	0
Off-Site Vehicles															
Off-Site Flat Bed Trucks	Gasoline	35	10	10	10	5	5	1	1	1	1	1	1	1	1
Off-Site Cement Trucks	Diesel	20	0	0	0	0	0	0	0	2	2	2	2	2	2
Off-Site Dump Trucks	Diesel	35	1	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	20	227	210	184	181	167	166	152	126	118	106	105	104	99
Off-Site Pipe Hauling Trucks	Diesel	14	2	2	2	2	2	2	2	2	2	2	2	2	2
Off-Site Water Trucks	Diesel	5	0	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Construction Worker Commute	Gasoline	35	10	5	5	5	5	5	5	5	5	5	3	3	3
Off-Site Tractor-Trailer	Diesel	35	4	4	4	4	1	1	1	0	0	0	0	0	0

Table 7-B
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle Use

Equipment/Vehicle Type	Fuel	Maximum Hourly Operating Hours or Miles[a]														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	Diesel	0	0	0	0	0	1	1	3	6	6	6	6	6	6	6
Crane, 20-Ton, TR400	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Welder, Multiquip, GA 3800	Gasoline	0	0	0	0	0	0	6	9	9	12	12	12	12	12	12
Welder, Multiquip, BLW-300SS	Diesel	0	0	0	0	0	0	2	2	4	4	6	6	6	6	6
Backhoe, Cat, 420E	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Trencher, Cat 140G	Diesel	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
Scraper, CAT 657G, Tractor Engine	Diesel	0	4	4	4	4	4	0	0	0	0	0	0	0	0	0
Scraper, CAT 657G, Scraper Engine	Diesel	0	4	4	4	4	4	0	0	0	0	0	0	0	0	0
Pipelayer, Cat 561N	Diesel	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2
Truck, Concrete Pump, International	Diesel	0	0	0	0	0	0	3	5	6	6	6	6	6	6	6
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	Diesel	0	32	32	32	32	32	12	12	12	12	12	12	8	8	8
On-Site Flatbed Truck	Gasoline	0	0	0	0	0	0	2	2	4	4	4	4	4	4	4
On-Site Pickup Truck	Gasoline	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4
Off-Site Vehicles																
Off-Site Flat Bed Trucks	Gasoline	0	0	0	0	0	210	210	210	210	210	210	210	210	210	350
Off-Site Cement Trucks	Diesel	0	0	0	0	0	0	60	100	120	120	120	120	120	120	0
Off-Site Dump Trucks	Diesel	0	0	0	0	0	70	70	70	70	70	70	70	70	70	35
Off-Site Pickup Trucks	Gasoline	0	0	40	40	40	40	40	40	40	40	40	40	40	40	4,540
Off-Site Pipe Hauling Trucks	Diesel	0	0	0	0	0	28	28	28	28	28	28	28	28	28	28
Off-Site Water Trucks	Diesel	0	0	50	50	50	0	15	15	15	15	15	15	15	15	0
Off-Site Construction Worker Commute	Gasoline	175	175	1,400	1,400	1,400	2,100	2,800	3,500	4,900	6,300	7,700	11,900	12,600	10,500	350
Off-Site Tractor-Trailer	Diesel	0	0	0	0	0	420	420	420	420	420	420	420	420	420	140

Table 7-B (continued)
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle Use

Equipment/Vehicle Type	Fuel	Maximum Hourly Operating Hours or Miles											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	Diesel	3	3	3	3	3	3	3	0	0	0	0	0
Crane, 20-Ton, TR400	Diesel	0	1	1	1	0	0	0	0	0	0	0	0
Welder, Multiquip, GA 3800	Gasoline	9	9	9	6	6	6	6	0	0	0	0	0
Welder, Multiquip, BLW-300SS	Diesel	6	6	6	6	6	4	2	0	0	0	0	0
Backhoe, Cat, 420E	Diesel	1	1	1	0	0	0	0	0	0	0	0	0
Trencher, Cat 140G	Diesel	0	1	0	0	0	0	0	0	0	0	0	0
Motor Grader, Cat 135H	Diesel	1	1	1	1	1	1	1	0	0	0	0	0
Scraper, CAT 657G, Tractor Engine	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Scraper, CAT 657G, Scraper Engine	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Pipelayer, Cat 561N	Diesel	2	2	2	0	0	0	0	0	0	0	0	0
Truck, Concrete Pump, International	Diesel	6	6	6	0	0	0	0	0	0	0	0	0
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	Diesel	8	8	8	4	4	4	4	0	0	0	0	0
On-Site Flatbed Truck	Gasoline	4	4	4	4	4	4	4	0	0	0	0	0
On-Site Pickup Truck	Gasoline	4	4	4	4	4	4	4	0	0	0	0	0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	Gasoline	350	350	175	175	35	35	35	35	35	35	35	35
Off-Site Cement Trucks	Diesel	0	0	0	0	0	0	40	40	40	40	40	40
Off-Site Dump Trucks	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Pickup Trucks	Gasoline	4,200	3,680	3,620	3,340	3,320	3,040	2,520	2,360	2,120	2,100	2,080	1,980
Off-Site Pipe Hauling Trucks	Diesel	28	28	28	28	28	28	28	28	28	28	28	28
Off-Site Water Trucks	Diesel	0	0	0	0	0	0	0	0	0	0	0	0
Off-Site Construction Worker Commute	Gasoline	175	175	175	175	175	175	175	175	175	105	105	105
Off-Site Tractor-Trailer	Diesel	140	140	140	35	35	35	0	0	0	0	0	0

Table 7-C
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle CO Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.3383	0.0	0.0	0.0	0.0	0.0	0.3	0.3	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Crane, 20-Ton, TR400	0.3877	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	3.8508	0.0	0.0	0.0	0.0	0.0	0.0	23.1	34.7	34.7	46.2	46.2	46.2	46.2	46.2	46.2
Welder, Multiquip, BLW-300SS	0.0703	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.3	0.4	0.4	0.4	0.4	0.4
Backhoe, Cat, 420E	0.3700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
Trencher, Cat 140G	0.4959	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.7480	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Scraper, CAT 657G, Tractor Engine	0.9814	0.0	3.9	3.9	3.9	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.5690	0.0	2.3	2.3	2.3	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.4931	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Truck, Concrete Pump, International	0.4795	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.4	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Construction Equipment Total		**0.0**	**6.2**	**6.2**	**6.2**	**6.2**	**6.5**	**26.3**	**39.5**	**42.1**	**53.1**	**53.3**	**53.3**	**53.6**	**53.6**	**53.6**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.0107	0.0	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
On-Site Flatbed Truck	0.0757	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
On-Site Pickup Truck	0.0170	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0105	0.0	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.7
Off-Site Cement Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1	1.3	1.3	1.3	1.3	1.3	1.3	0.0
Off-Site Dump Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.4
Off-Site Pickup Trucks	0.0170	0.0	0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	77.1
Off-Site Pipe Hauling Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Water Trucks	0.0107	0.0	0.0	0.5	0.5	0.5	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0
Off-Site Construction Worker Commute	0.0170	3.0	3.0	23.8	23.8	23.8	35.7	47.5	59.4	83.2	107.0	130.7	202.0	213.9	178.3	5.9
Off-Site Tractor-Trailer	0.0107	0.0	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	1.5
On-Site Motor Vehicle Total		**0.0**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.3**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**
Off-Site Motor Vehicle Total		**3.0**	**3.0**	**25.0**	**25.0**	**25.0**	**44.1**	**56.8**	**69.1**	**93.1**	**116.9**	**140.6**	**211.9**	**223.8**	**188.2**	**88.9**

Table 7-C (continued)
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle CO Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.3383	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.3877	0.0	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	3.8508	34.7	34.7	34.7	23.1	23.1	23.1	23.1	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.0703	0.4	0.4	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.3700	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.4959	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.7480	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	0.9814	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.5690	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.4931	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.4795	2.9	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**41.1**	**42.0**	**41.5**	**25.7**	**25.3**	**25.1**	**25.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.0107	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0757	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.0170	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0105	3.7	3.7	1.8	1.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Off-Site Cement Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4
Off-Site Dump Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0170	71.3	62.5	61.5	56.7	56.4	51.6	42.8	40.1	36.0	35.7	35.3	33.6
Off-Site Pipe Hauling Trucks	0.0107	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Off-Site Water Trucks	0.0107	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0170	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.8	1.8	1.8
Off-Site Tractor-Trailer	0.0107	1.5	1.5	1.5	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.5**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**79.8**	**70.9**	**68.1**	**62.2**	**60.4**	**55.6**	**46.9**	**44.1**	**40.1**	**38.5**	**38.2**	**36.5**

Note: Totals may not match sum of individual values because of rounding.

Table 7-D
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle VOC Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.1102	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Crane, 20-Ton, TR400	0.1391	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.1425	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.3	1.3	1.7	1.7	1.7	1.7	1.7	1.7
Welder, Multiquip, BLW-300SS	0.0278	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Backhoe, Cat, 420E	0.1082	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Trencher, Cat 140G	0.1676	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.1954	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Scraper, CAT 657G, Tractor Engine	0.2533	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.1468	0.0	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.1344	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Truck, Concrete Pump, International	0.1821	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Construction Equipment Total		**0.0**	**1.6**	**1.6**	**1.6**	**1.6**	**1.7**	**1.9**	**2.9**	**3.8**	**4.0**	**4.1**	**4.1**	**4.2**	**4.2**	**4.2**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.0030	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0052	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.0010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0007	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Off-Site Cement Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.0
Off-Site Dump Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Off-Site Pickup Trucks	0.0010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
Off-Site Pipe Hauling Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Water Trucks	0.0030	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0010	0.2	0.2	1.4	1.4	1.4	2.2	2.9	3.6	5.1	6.5	7.9	12.3	13.0	10.8	0.4
Off-Site Tractor-Trailer	0.0030	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.4
On-Site Motor Vehicle Total		**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.2**	**0.2**	**1.6**	**1.6**	**1.6**	**3.9**	**4.8**	**5.7**	**7.2**	**8.6**	**10.1**	**14.4**	**15.1**	**13.0**	**5.9**

Table 7-D (continued)
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle VOC Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.1102	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.1391	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.1425	1.3	1.3	1.3	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.0278	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.1082	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.1676	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.1954	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	0.2533	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.1468	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.1344	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.1821	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**3.4**	**3.8**	**3.6**	**1.7**	**1.5**	**1.5**	**1.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0052	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.0010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0007	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Dump Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0010	4.3	3.8	3.7	3.4	3.4	3.1	2.6	2.4	2.2	2.2	2.1	2.0
Off-Site Pipe Hauling Trucks	0.0030	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Water Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0010	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Off-Site Tractor-Trailer	0.0030	0.4	0.4	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**5.3**	**4.7**	**4.5**	**3.9**	**3.8**	**3.5**	**3.0**	**2.8**	**2.6**	**2.5**	**2.5**	**2.4**

Note: Totals may not match sum of individual values because of rounding.

Table 7-E
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle NOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.6466	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Crane, 20-Ton, TR400	1.3855	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.0512	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Welder, Multiquip, BLW-300SS	0.1128	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.5	0.7	0.7	0.7	0.7	0.7
Backhoe, Cat, 420E	0.6504	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
Trencher, Cat 140G	0.9951	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	1.5287	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Scraper, CAT 657G, Tractor Engine	2.4062	0.0	9.6	9.6	9.6	9.6	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	1.3952	0.0	5.6	5.6	5.6	5.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	1.0408	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Truck, Concrete Pump, International	1.8601	0.0	0.0	0.0	0.0	0.0	0.0	5.6	9.3	11.2	11.2	11.2	11.2	11.2	11.2	11.2
Construction Equipment Total		**0.0**	**15.2**	**15.2**	**15.2**	**15.2**	**15.9**	**9.3**	**14.5**	**20.6**	**19.7**	**19.9**	**19.9**	**20.6**	**20.6**	**20.6**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.0415	0.0	1.3	1.3	1.3	1.3	1.3	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.3
On-Site Flatbed Truck	0.0122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.0016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.0017	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6
Off-Site Cement Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	2.5	4.1	5.0	5.0	5.0	5.0	5.0	5.0	0.0
Off-Site Dump Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.5
Off-Site Pickup Trucks	0.0016	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	7.3
Off-Site Pipe Hauling Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Off-Site Water Trucks	0.0415	0.0	0.0	2.1	2.1	2.1	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0
Off-Site Construction Worker Commute	0.0016	0.3	0.3	2.3	2.3	2.3	3.4	4.5	5.6	7.9	10.2	12.4	19.2	20.3	16.9	0.6
Off-Site Tractor-Trailer	0.0415	0.0	0.0	0.0	0.0	0.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	5.8
On-Site Motor Vehicle Total		**0.0**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.4**	**0.4**	**0.4**
Off-Site Motor Vehicle Total		**0.3**	**0.3**	**4.4**	**4.4**	**4.4**	**25.3**	**29.5**	**32.3**	**35.4**	**37.7**	**39.9**	**46.7**	**47.8**	**44.4**	**16.9**

Table 7-E (continued)
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle NOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.6466	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	1.3855	0.0	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.0512	0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.1128	0.7	0.7	0.7	0.7	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.6504	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.9951	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	1.5287	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	2.4062	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	1.3952	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	1.0408	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	1.8601	11.2	11.2	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**18.5**	**20.9**	**19.9**	**5.8**	**4.5**	**4.2**	**4.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.0415	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.0122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.0016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.0017	0.6	0.6	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Cement Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7
Off-Site Dump Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.0016	6.8	5.9	5.8	5.4	5.4	4.9	4.1	3.8	3.4	3.4	3.4	3.2
Off-Site Pipe Hauling Trucks	0.0415	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Off-Site Water Trucks	0.0415	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0016	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
Off-Site Tractor-Trailer	0.0415	5.8	5.8	5.8	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.4**	**0.4**	**0.4**	**0.2**	**0.2**	**0.2**	**0.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**14.6**	**13.8**	**13.4**	**8.6**	**8.3**	**7.9**	**7.2**	**7.0**	**6.6**	**6.4**	**6.4**	**6.2**

Note: Totals may not match sum of individual values because of rounding.

Table 7-F
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle SOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.00055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.00126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.00015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.00061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.00076	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.00139	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	0.00559	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.00316	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.00090	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.00187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0
Off-Site Tractor-Trailer	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Table 7-F (continued)
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle SOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.00055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.00126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.00015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.00061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.00076	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.00139	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	0.00559	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.00316	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.00090	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.00187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 7-G
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle Exhaust PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.05731	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Crane, 20-Ton, TR400	0.05343	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.04095	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
Welder, Multiquip, BLW-300SS	0.00841	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
Backhoe, Cat, 420E	0.05940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Trencher, Cat 140G	0.08367	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.08638	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Scraper, CAT 657G, Tractor Engine	0.10605	0.0	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.06149	0.0	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.05885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Truck, Concrete Pump, International	0.06588	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Construction Equipment Total		**0.0**	**0.7**	**0.7**	**0.7**	**0.7**	**0.7**	**0.7**	**1.1**	**1.4**	**1.5**	**1.5**	**1.5**	**1.5**	**1.5**	**1.5**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.00183	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0
Off-Site Dump Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Pickup Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Off-Site Pipe Hauling Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Water Trucks	0.00183	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00005	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.5	0.0
Off-Site Tractor-Trailer	0.00183	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.3
On-Site Motor Vehicle Total		**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.0**	**0.0**	**0.2**	**0.2**	**0.2**	**1.1**	**1.2**	**1.3**	**1.4**	**1.5**	**1.6**	**1.8**	**1.8**	**1.7**	**0.6**

Table 7-G (continued)
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle Exhaust PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.05731	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.05343	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.04095	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00841	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.05940	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.08367	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.08638	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	0.10605	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.06149	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.05885	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.06588	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**1.2**	**1.4**	**1.3**	**0.6**	**0.6**	**0.5**	**0.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Dump Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00005	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Pipe Hauling Trucks	0.00183	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Water Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.00183	0.3	0.3	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.5**	**0.5**	**0.5**	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

Note: Totals may not match sum of individual values because of rounding.

Table 7-H
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle Exhaust PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Construction Equipment																
Air Compressor, Ingersoll-Rand	0.05273	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Crane, 20-Ton, TR400	0.04915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.03096	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Welder, Multiquip, BLW-300SS	0.00773	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.05465	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Trencher, Cat 140G	0.07698	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.07947	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Scraper, CAT 657G, Tractor Engine	0.09757	0.0	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.05657	0.0	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.05415	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Truck, Concrete Pump, International	0.06061	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Construction Equipment Total		**0.0**	**0.6**	**0.6**	**0.6**	**0.6**	**0.7**	**0.6**	**0.9**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**
Motor Vehicles																
On-site Vehicles																
On-Site Watering Truck	0.00169	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0
Off-Site Dump Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Pickup Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Off-Site Pipe Hauling Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00169	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00004	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.5	0.5	0.4	0.0
Off-Site Tractor-Trailer	0.00169	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.2
On-Site Motor Vehicle Total		**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.0**	**0.1**	**0.2**	**0.2**	**0.2**	**1.0**	**1.2**	**1.3**	**1.3**	**1.4**	**1.5**	**1.6**	**1.7**	**1.6**	**0.6**

Table 7-H (continued)
Solar Array Construction Maximum Hourly Construction Equipment and Motor Vehicle Exhaust PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Maximum Hourly Emissions (lb/month)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Construction Equipment													
Air Compressor, Ingersoll-Rand	0.05273	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Crane, 20-Ton, TR400	0.04915	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, GA 3800	0.03096	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Welder, Multiquip, BLW-300SS	0.00773	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe, Cat, 420E	0.05465	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trencher, Cat 140G	0.07698	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Grader, Cat 135H	0.07947	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Tractor Engine	0.09757	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scraper, CAT 657G, Scraper Engine	0.05657	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipelayer, Cat 561N	0.05415	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Truck, Concrete Pump, International	0.06061	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**1.1**	**1.2**	**1.1**	**0.5**	**0.5**	**0.5**	**0.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles													
On-site Vehicles													
On-Site Watering Truck	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.00000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Dump Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00004	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Off-Site Pipe Hauling Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.00169	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.5**	**0.5**	**0.5**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

Note: Totals may not match sum of individual values because of rounding.

Table 7-I
Solar Array Construction Maximum Hourly Motor Vehicle Fugitive PM10 Emissions

Vehicle Type	Emission Factor (lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
On-site Vehicles																
On-Site Watering Truck	0.74	0.0	23.6	23.6	23.6	23.6	23.6	8.9	8.9	8.9	8.9	8.9	8.9	5.9	5.9	5.9
On-Site Flatbed Truck	0.74	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0
On-Site Pickup Truck	0.74	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00090	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Off-Site Cement Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Off-Site Dump Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Off-Site Pickup Trucks	0.00090	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
Off-Site Pipe Hauling Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00100	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00090	0.2	0.2	1.3	1.3	1.3	1.9	2.5	3.2	4.4	5.7	6.9	10.7	11.4	9.5	0.3
Off-Site Tractor-Trailer	0.00100	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.1
On-Site Motor Vehicle Total		**1.5**	**25.1**	**25.1**	**25.1**	**25.1**	**25.1**	**11.8**	**11.8**	**14.8**	**14.8**	**14.8**	**14.8**	**11.8**	**11.8**	**11.8**
Off-Site Motor Vehicle Total		**0.2**	**0.2**	**1.3**	**1.3**	**1.3**	**2.6**	**3.3**	**4.0**	**5.3**	**6.6**	**7.8**	**11.6**	**12.2**	**10.4**	**4.9**

Table 7-I (continued)
Solar Array Construction Maximum Hourly Motor Vehicle Fugitive PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/mile)	Maximum Hourly Emissions (lb/hr)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
On-site Vehicles													
On-Site Watering Truck	0.74	5.9	5.9	5.9	3.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.74	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.74	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00090	0.3	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00090	3.8	3.3	3.3	3.0	3.0	2.7	2.3	2.1	1.9	1.9	1.9	1.8
Off-Site Pipe Hauling Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00090	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Off-Site Tractor-Trailer	0.00100	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**11.8**	**11.8**	**11.8**	**8.9**	**8.9**	**8.9**	**8.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**4.4**	**4.0**	**3.7**	**3.4**	**3.2**	**3.0**	**2.5**	**2.4**	**2.2**	**2.1**	**2.1**	**2.0**

Note: Totals may not match sum of individual values because of rounding.

Table 7-J
Solar Array Construction Maximum Hourly Motor Vehicle Fugitive PM2.5 Emissions

Vehicle Type	Emission Factor (lb/mile)	Maxum Hourly Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
On-site Vehicles																
On-Site Watering Truck	0.16	0.0	5.0	5.0	5.0	5.0	5.0	1.9	1.9	1.9	1.9	1.9	1.9	1.3	1.3	1.3
On-Site Flatbed Truck	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6
On-Site Pickup Truck	0.16	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Off-Site Vehicles																
Off-Site Flat Bed Trucks	0.00016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Off-Site Cement Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Off-Site Pipe Hauling Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00016	0.0	0.0	0.2	0.2	0.2	0.3	0.5	0.6	0.8	1.0	1.2	1.9	2.0	1.7	0.1
Off-Site Tractor-Trailer	0.00019	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
On-Site Motor Vehicle Total		**0.3**	**5.3**	**5.3**	**5.3**	**5.3**	**5.3**	**2.5**	**2.5**	**3.1**	**3.1**	**3.1**	**3.1**	**2.5**	**2.5**	**2.5**
Off-Site Motor Vehicle Total		**0.0**	**0.0**	**0.2**	**0.2**	**0.2**	**0.5**	**0.6**	**0.7**	**1.0**	**1.2**	**1.4**	**2.1**	**2.2**	**1.9**	**0.9**

Table 7-J (continued)
Solar Array Construction Maximum Hourly Motor Vehicle Fugitive PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/mile)	Maximum Hourly Emissions (lb/hr)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
On-site Vehicles													
On-Site Watering Truck	0.16	1.3	1.3	1.3	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
On-Site Flatbed Truck	0.16	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
On-Site Pickup Truck	0.16	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
Off-Site Vehicles													
Off-Site Flat Bed Trucks	0.00016	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Cement Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Dump Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pickup Trucks	0.00016	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3
Off-Site Pipe Hauling Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Water Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Tractor-Trailer	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Motor Vehicle Total		**2.5**	**2.5**	**2.5**	**1.9**	**1.9**	**1.9**	**1.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Total		**0.8**	**0.7**	**0.7**	**0.6**	**0.6**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**

Note: Totals may not match sum of individual values because of rounding.

Table 7-K
Solar Array Construction Maximum Hourly Fugitive PM10 and PM2.5 Activities

Activity	Units	Quantity per Hour														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	Cu. Yd.	0	0	1,478	1,478	1,478	0	0	0	0	0	0	0	0	0	0
Storage Pile Wind Erosion[a]	Acre-Hours	0.00	0.00	1.50	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bulldozing and Grading	Hours	0	4	4	4	4	4	1	1	1	1	1	1	1	1	1

Table 7-K (continued)
Solar Array Construction Maximum Hourly Fugitive PM10 and PM2.5 Activities

Activity	Units	Quantity per Hour											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	Cu. Yd.	0	0	0	0	0	0	0	0	0	0	0	0
Storage Pile Wind Erosion[a]	Acre-Hours	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bulldozing and Grading	Hours	1	1	1	1	1	1	1	0	0	0	0	0

[a] Based on 30 days per month

Table 7-L
Solar Array Construction Maximum Hourly Fugitive PM10 Emissions

Activity	Emission Factor	Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	4.97E-04	0.0	0.0	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.122	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.348	0.0	1.4	1.4	1.4	1.4	1.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total		**0.0**	**1.4**	**2.3**	**2.3**	**2.3**	**1.4**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**

Table 7-L (continued)
Solar Array Construction Maximum Hourly Fugitive PM10 Emissions

Activity	Emission Factor	Emissions (lb/hr)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	4.97E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.348	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
Total		**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 7-M
Solar Array Construction Maximum Hourly Fugitive PM2.5 Emissions

Activity	Emission Factor	Emissions (lb/hr)														
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15
Excavation	1.03E-04	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.072	0.0	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total		**0.0**	**0.3**	**0.5**	**0.5**	**0.5**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Table 7-M (continued)
Solar Array Construction Maximum Hourly Fugitive PM2.5 Emissions

Activity	Emission Factor	Emissions (lb/hr)											
		Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24	Month 25	Month 26	Month 27
Excavation	1.03E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.072	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Total		**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 8-A
Reclaimed Water and Sewer Pipelines Construction Daily CO Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	10.6	10.8	8.6	7.4	21.3	18.2	17.1	14.8	14.8
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**10.6**	**10.8**	**8.6**	**7.4**	**21.3**	**18.2**	**17.1**	**14.8**	**14.8**
Off-Site Motor Vehicles	**49.0**	**49.5**	**49.5**	**49.5**	**73.5**	**73.5**	**73.9**	**73.9**	**73.9**
Monthly Total	**59.7**	**60.3**	**58.0**	**56.9**	**94.8**	**91.7**	**91.1**	**88.8**	**88.8**
Maximum Daily Total (lb/day)	**94.8**								

Table 8-B
Reclaimed Water and Sewer Pipelines Construction Daily VOC Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	3.7	3.7	3.1	2.6	7.5	6.3	6.1	5.2	5.2
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**3.7**	**3.7**	**3.1**	**2.6**	**7.5**	**6.3**	**6.1**	**5.2**	**5.2**
Off-Site Motor Vehicles	**3.0**	**3.1**	**3.1**	**3.1**	**4.5**	**4.5**	**4.6**	**4.6**	**4.6**
Monthly Total	**6.8**	**6.8**	**6.2**	**5.7**	**12.0**	**10.8**	**10.7**	**9.8**	**9.8**
Maximum Daily Total (lb/day)	**12.0**								

Table 8-C
Reclaimed Water and Sewer Pipelines Construction Daily NOx Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	24.0	17.2	13.3	12.3	47.9	27.8	26.5	24.6	24.6
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**24.0**	**17.2**	**13.3**	**12.3**	**47.9**	**27.8**	**26.5**	**24.6**	**24.6**
Off-Site Motor Vehicles	**5.2**	**6.9**	**6.9**	**6.9**	**7.5**	**7.5**	**9.2**	**9.2**	**9.2**
Monthly Total	**29.2**	**24.1**	**20.2**	**19.2**	**55.4**	**35.3**	**35.7**	**33.8**	**33.8**
Maximum Daily Total (lb/day)	**55.4**								

Table 8-D
Reclaimed Water and Sewer Pipelines Construction Daily SOx Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Maximum Daily Total (lb/day)	**0.1**								

Table 8-E
Reclaimed Water and Sewer Pipelines Construction Daily PM10 Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	1.5	1.6	1.2	1.1	3.1	2.6	2.5	2.2	2.2
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	2.1	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0
On-Site Total	**3.6**	**1.6**	**1.2**	**1.1**	**7.3**	**2.6**	**2.5**	**2.2**	**2.2**
Off-Site Motor Vehicle Exhaust and Fugitive	**2.8**	**2.9**	**2.9**	**2.9**	**4.1**	**4.1**	**4.2**	**4.2**	**4.2**
Monthly Total	**6.4**	**4.5**	**4.1**	**4.0**	**11.4**	**6.7**	**6.7**	**6.5**	**6.5**
Maximum Daily Total (lb/day)	**11.4**								

Table 8-F
Reclaimed Water and Sewer Pipelines Construction Daily PM2.5 Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	1.4	1.5	1.1	1.0	2.8	2.4	2.3	2.1	2.1
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	0.4	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0
On-Site Total	**1.9**	**1.5**	**1.1**	**1.0**	**3.7**	**2.4**	**2.3**	**2.1**	**2.1**
Off-Site Motor Vehicle Exhaust and Fugitive	**0.6**	**0.7**	**0.7**	**0.7**	**0.9**	**0.9**	**1.0**	**1.0**	**1.0**
Monthly Total	**2.5**	**2.1**	**1.8**	**1.7**	**4.6**	**3.3**	**3.2**	**3.0**	**3.0**
Maximum Daily Total (lb/day)	**4.6**								

Table 9-A
Reclaimed Water and Sewer Pipelines Construction Equipment and Motor Vehicle Numbers

Equipment/Vehicle Type	Fuel	Hours or Miles/Day	Monthly Number								
			Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment											
Dozer	Diesel	6	1	0	0	0	2	0	0	0	0
Compressor, 250 cfm	Diesel	8	1	1	1	1	2	2	2	2	2
Tractor/Loader/Backhoe	Diesel	3	1	2	0	0	2	4	0	0	0
Backhoe	Diesel	3	0	1	1	0	0	2	2	0	0
Crane, 5 ton	Diesel	3	1	1	1	1	2	2	2	2	2
Welder	Diesel	6	1	1	1	1	2	2	2	2	2
Vibratory Compactor	Diesel	2	0	1	1	1	0	0	2	2	2
Roller, 5 ton	Diesel	2	0	1	1	1	0	0	2	2	2
Motor Vehicles											
Off-Site Vehicles											
Off-Site Dump Trucks	Diesel	40	0	1	1	1	0	0	1	1	1
Off-Site Pipe Hauling Trucks	Diesel	14	1	1	1	1	1	1	1	1	1
Off-Site Construction Worker Commute	Gasoline	60	48	48	48	48	72	72	72	72	72

Table 9-B
Reclaimed Water and Sewer Pipelines Construction Daily Construction Equipment and Motor Vehicle Use

Equipment/Vehicle Type	Fuel	Daily Operating Hours or Miles								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	Diesel	6	0	0	0	12	0	0	0	0
Compressor, 250 cfm	Diesel	8	8	8	8	16	16	16	16	16
Tractor/Loader/Backhoe	Diesel	3	6	0	0	6	12	0	0	0
Backhoe	Diesel	0	3	3	0	0	6	6	0	0
Crane, 5 ton	Diesel	3	3	3	3	6	6	6	6	6
Welder	Diesel	6	6	6	6	12	12	12	12	12
Vibratory Compactor	Diesel	0	2	2	2	0	0	4	4	4
Roller, 5 ton	Diesel	0	2	2	2	0	0	4	4	4
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	Diesel	0	40	40	40	0	0	40	40	40
Off-Site Pipe Hauling Trucks	Diesel	14	14	14	14	14	14	14	14	14
Off-Site Construction Worker Commute	Gasoline	2,880	2,880	2,880	2,880	4,320	4,320	4,320	4,320	4,320

Table 9-C
Reclaimed Water and Sewer Pipelines Construction Daily Construction Equipment and Motor Vehicle CO Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	0.6354	3.8	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.3383	2.7	2.7	2.7	2.7	5.4	5.4	5.4	5.4	5.4
Tractor/Loader/Backhoe	0.3700	1.1	2.2	0.0	0.0	2.2	4.4	0.0	0.0	0.0
Backhoe	0.3828	0.0	1.1	1.1	0.0	0.0	2.3	2.3	0.0	0.0
Crane, 5 ton	0.3803	1.1	1.1	1.1	1.1	2.3	2.3	2.3	2.3	2.3
Welder	0.3105	1.9	1.9	1.9	1.9	3.7	3.7	3.7	3.7	3.7
Vibratory Compactor	0.4267	0.0	0.9	0.9	0.9	0.0	0.0	1.7	1.7	1.7
Roller, 5 ton	0.4267	0.0	0.9	0.9	0.9	0.0	0.0	1.7	1.7	1.7
Construction Equipment Total		**10.6**	**10.8**	**8.6**	**7.4**	**21.3**	**18.2**	**17.1**	**14.8**	**14.8**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.0107	0.0	0.4	0.4	0.4	0.0	0.0	0.4	0.4	0.4
Off-Site Pipe Hauling Trucks	0.0107	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Off-Site Construction Worker Commute	0.0170	48.9	48.9	48.9	48.9	73.3	73.3	73.3	73.3	73.3
Off-Site Motor Vehicle Total		**49.0**	**49.5**	**49.5**	**49.5**	**73.5**	**73.5**	**73.9**	**73.9**	**73.9**

Table 9-D
Reclaimed Water and Sewer Pipelines Construction Daily Construction Equipment and Motor Vehicle VOC Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	0.2261	1.4	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.1102	0.9	0.9	0.9	0.9	1.8	1.8	1.8	1.8	1.8
Tractor/Loader/Backhoe	0.1082	0.3	0.6	0.0	0.0	0.6	1.3	0.0	0.0	0.0
Backhoe	0.1535	0.0	0.5	0.5	0.0	0.0	0.9	0.9	0.0	0.0
Crane, 5 ton	0.1260	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8	0.8
Welder	0.1329	0.8	0.8	0.8	0.8	1.6	1.6	1.6	1.6	1.6
Vibratory Compactor	0.1362	0.0	0.3	0.3	0.3	0.0	0.0	0.5	0.5	0.5
Roller, 5 ton	0.1362	0.0	0.3	0.3	0.3	0.0	0.0	0.5	0.5	0.5
Construction Equipment Total		**3.7**	**3.7**	**3.1**	**2.6**	**7.5**	**6.3**	**6.1**	**5.2**	**5.2**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.0030	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1
Off-Site Pipe Hauling Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0010	3.0	3.0	3.0	3.0	4.5	4.5	4.5	4.5	4.5
Off-Site Motor Vehicle Total		**3.0**	**3.1**	**3.1**	**3.1**	**4.5**	**4.5**	**4.6**	**4.6**	**4.6**

Table 9-E
Reclaimed Water and Sewer Pipelines Construction Daily Construction Equipment and Motor Vehicle NOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	2.1629	13.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.6466	5.2	5.2	5.2	5.2	10.3	10.3	10.3	10.3	10.3
Tractor/Loader/Backhoe	0.6504	2.0	3.9	0.0	0.0	3.9	7.8	0.0	0.0	0.0
Backhoe	0.3219	0.0	1.0	1.0	0.0	0.0	1.9	1.9	0.0	0.0
Crane, 5 ton	0.7268	2.2	2.2	2.2	2.2	4.4	4.4	4.4	4.4	4.4
Welder	0.2782	1.7	1.7	1.7	1.7	3.3	3.3	3.3	3.3	3.3
Vibratory Compactor	0.8196	0.0	1.6	1.6	1.6	0.0	0.0	3.3	3.3	3.3
Roller, 5 ton	0.8196	0.0	1.6	1.6	1.6	0.0	0.0	3.3	3.3	3.3
Construction Equipment Total		**24.0**	**17.2**	**13.3**	**12.3**	**47.9**	**27.8**	**26.5**	**24.6**	**24.6**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.0415	0.0	1.7	1.7	1.7	0.0	0.0	1.7	1.7	1.7
Off-Site Pipe Hauling Trucks	0.0415	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Off-Site Construction Worker Commute	0.0016	4.6	4.6	4.6	4.6	7.0	7.0	7.0	7.0	7.0
Off-Site Motor Vehicle Total		**5.2**	**6.9**	**6.9**	**6.9**	**7.5**	**7.5**	**9.2**	**9.2**	**9.2**

Table 9-F
Reclaimed Water and Sewer Pipelines Construction Daily Construction Equipment and Motor Vehicle SOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	0.00187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.00055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tractor/Loader/Backhoe	0.00061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe	0.00039	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 5 ton	0.00059	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder	0.00034	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vibratory Compactor	0.00069	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Roller, 5 ton	0.00069	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Table 9-G
Reclaimed Water and Sewer Pipelines Construction Daily Construction Equipment and Motor Vehicle Exhaust PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	0.08788	0.5	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.05731	0.5	0.5	0.5	0.5	0.9	0.9	0.9	0.9	0.9
Tractor/Loader/Backhoe	0.05940	0.2	0.4	0.0	0.0	0.4	0.7	0.0	0.0	0.0
Backhoe	0.03621	0.0	0.1	0.1	0.0	0.0	0.2	0.2	0.0	0.0
Crane, 5 ton	0.06632	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4
Welder	0.03055	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4
Vibratory Compactor	0.07026	0.0	0.1	0.1	0.1	0.0	0.0	0.3	0.3	0.3
Roller, 5 ton	0.07026	0.0	0.1	0.1	0.1	0.0	0.0	0.3	0.3	0.3
Construction Equipment Total		**1.5**	**1.6**	**1.2**	**1.1**	**3.1**	**2.6**	**2.5**	**2.2**	**2.2**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.00183	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1
Off-Site Pipe Hauling Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00005	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Off-Site Motor Vehicle Total		**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**

Table 9-H
Reclaimed Water and Sewer Pipelines Construction Daily Construction Equipment and Motor Vehicle Exhaust PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	0.08085	0.5	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.05273	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8	0.8
Tractor/Loader/Backhoe	0.05465	0.2	0.3	0.0	0.0	0.3	0.7	0.0	0.0	0.0
Backhoe	0.03331	0.0	0.1	0.1	0.0	0.0	0.2	0.2	0.0	0.0
Crane, 5 ton	0.06102	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4
Welder	0.02811	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
Vibratory Compactor	0.06464	0.0	0.1	0.1	0.1	0.0	0.0	0.3	0.3	0.3
Roller, 5 ton	0.06464	0.0	0.1	0.1	0.1	0.0	0.0	0.3	0.3	0.3
Construction Equipment Total		**1.4**	**1.5**	**1.1**	**1.0**	**2.8**	**2.4**	**2.3**	**2.1**	**2.1**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.00169	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1
Off-Site Pipe Hauling Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00004	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Off-Site Motor Vehicle Total		**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**

Table 9-I
Reclaimed Water and Sewer Pipelines Construction Daily Motor Vehicle Fugitive PM10 Emissions

Vehicle Type	Emission Factor (lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Off-Site Vehicles										
Off-Site Dump Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00090	2.6	2.6	2.6	2.6	3.9	3.9	3.9	3.9	3.9
Off-Site Motor Vehicle Total		**2.6**	**2.7**	**2.7**	**2.7**	**3.9**	**3.9**	**4.0**	**4.0**	**4.0**

Table 9-J
Reclaimed Water and Sewer Pipelines Construction Daily Motor Vehicle Fugitive PM2.5 Emissions

Vehicle Type	Emission Factor (lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Off-Site Vehicles										
Off-Site Dump Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00016	0.5	0.5	0.5	0.5	0.7	0.7	0.7	0.7	0.7
Off-Site Motor Vehicle Total		**0.5**	**0.5**	**0.5**	**0.5**	**0.7**	**0.7**	**0.7**	**0.7**	**0.7**

Table 9-K
Reclaimed Water and Sewer Pipelines Construction Daily Fugitive PM10 and PM2.5 Activities

Activity	Units	Quantity per Day								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Excavation	Cu. Yd.	0	0	0	0	0	0	0	0	0
Storage Pile Wind Erosion[a]	Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bulldozing and Grading	Hours	6	0	0	0	12	0	0	0	0

Table 9-L
Reclaimed Water and Sewer Pipelines Construction Daily Fugitive PM10 Emissions

Activity	Emission Factor	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Excavation	4.97E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.348	2.1	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0
Total		**2.1**	**0.0**	**0.0**	**0.0**	**4.2**	**0.0**	**0.0**	**0.0**	**0.0**

Table 9-M
Reclaimed Water and Sewer Pipelines Construction Daily Fugitive PM2.5 Emissions

Activity	Emission Factor	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Excavation	1.03E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.072	0.4	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0
Total		**0.4**	**0.0**	**0.0**	**0.0**	**0.9**	**0.0**	**0.0**	**0.0**	**0.0**

Table 10-A
Gas and Backup Water Supply Lines Construction Daily CO Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	14.6	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**14.6**	**14.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**56.6**	**56.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total	**71.2**	**71.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Maximum Daily Total (lb/day)	**71.2**								

Table 10-B
Gas and Backup Water Supply Lines Construction Daily VOC Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	5.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**5.1**	**5.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**3.6**	**3.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total	**8.6**	**8.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Maximum Daily Total (lb/day)	**8.6**								

Table 10-C
Gas and Backup Water Supply Lines Construction Daily NOx Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	30.1	30.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**30.1**	**30.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**7.6**	**7.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total	**37.7**	**37.7**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Maximum Daily Total (lb/day)	**37.7**								

Table 10-D
Gas and Backup Water Supply Lines Construction Daily SOx Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicles	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Maximum Daily Total (lb/day)	**0.1**								

Table 10-E
Gas and Backup Water Supply Lines Construction Daily PM10 Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**4.2**	**4.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**3.3**	**3.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total	**7.5**	**7.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Maximum Daily Total (lb/day)	**7.5**								

Table 10-F
Gas and Backup Water Supply Lines Construction Daily PM2.5 Emissions Summary

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
On-Site									
Equipment	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Exhaust	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
On-Site Total	**2.4**	**2.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Off-Site Motor Vehicle Exhaust and Fugitive	**0.8**	**0.8**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total	**3.2**	**3.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Maximum Daily Total (lb/day)	**3.2**								

Table 11-A
Gas and Backup Water Supply Lines Construction Equipment and Motor Vehicle Numbers

Equipment/Vehicle Type	Fuel	Hours or Miles/Day	Monthly Number								
			Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
			1	2	3	4	5	6	7	8	9
Construction Equipment											
Dozer	Diesel	6	1	1	0	0	0	0	0	0	0
Compressor, 250 cfm	Diesel	8	1	1	0	0	0	0	0	0	0
Tractor/Loader/Backhoe	Diesel	3	2	2	0	0	0	0	0	0	0
Backhoe	Diesel	3	1	1	0	0	0	0	0	0	0
Crane, 5 ton	Diesel	3	1	1	0	0	0	0	0	0	0
Welder	Diesel	6	1	1	0	0	0	0	0	0	0
Vibratory Compactor	Diesel	2	1	1	0	0	0	0	0	0	0
Roller, 5 ton	Diesel	2	1	1	0	0	0	0	0	0	0
Motor Vehicles											
Off-Site Vehicles											
Off-Site Dump Trucks	Diesel	40	1	1	0	0	0	0	0	0	0
Off-Site Pipe Hauling Trucks	Diesel	14	1	1	0	0	0	0	0	0	0
Off-Site Construction Worker Commute	Gasoline	60	55	55	0	0	0	0	0	0	0

Table 11-B
Gas and Backup Water Supply Lines Construction Monthly Construction Equipment and Motor Vehicle Use

Equipment/Vehicle Type	Fuel	Daily Operating Hours or Miles								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	Diesel	6	6	0	0	0	0	0	0	0
Compressor, 250 cfm	Diesel	8	8	0	0	0	0	0	0	0
Tractor/Loader/Backhoe	Diesel	6	6	0	0	0	0	0	0	0
Backhoe	Diesel	3	3	0	0	0	0	0	0	0
Crane, 5 ton	Diesel	3	3	0	0	0	0	0	0	0
Welder	Diesel	6	6	0	0	0	0	0	0	0
Vibratory Compactor	Diesel	2	2	0	0	0	0	0	0	0
Roller, 5 ton	Diesel	2	2	0	0	0	0	0	0	0
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	Diesel	40	40	0	0	0	0	0	0	0
Off-Site Pipe Hauling Trucks	Diesel	14	14	0	0	0	0	0	0	0
Off-Site Construction Worker Commute	Gasoline	3,300	3,300	0	0	0	0	0	0	0

Table 11-C
Gas and Backup Water Supply Lines Construction Daily Construction Equipment and Motor Vehicle CO Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	0.6354	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.3383	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tractor/Loader/Backhoe	0.3700	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe	0.3828	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 5 ton	0.3803	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder	0.3105	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vibratory Compactor	0.4267	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Roller, 5 ton	0.4267	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**14.6**	**14.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.0107	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.0107	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0170	56.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Motor Vehicle Total		**56.6**	**56.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Table 11-D
Gas and Backup Water Supply Lines Construction Daily Construction Equipment and Motor Vehicle VOC Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	0.2261	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.1102	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tractor/Loader/Backhoe	0.1082	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe	0.1535	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 5 ton	0.1260	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder	0.1329	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vibratory Compactor	0.1362	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Roller, 5 ton	0.1362	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**5.1**	**5.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.0030	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.0030	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0010	3.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Motor Vehicle Total		**3.6**	**3.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Table 11-E
Gas and Backup Water Supply Lines Construction Daily Construction Equipment and Motor Vehicle NOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	2.1629	13.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.6466	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tractor/Loader/Backhoe	0.6504	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe	0.3219	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 5 ton	0.7268	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder	0.2782	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vibratory Compactor	0.8196	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Roller, 5 ton	0.8196	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**30.1**	**30.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.0415	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.0415	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.0016	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Motor Vehicle Total		**7.6**	**7.6**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Table 11-F
Gas and Backup Water Supply Lines Construction Daily Construction Equipment and Motor Vehicle SOx Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	0.00187	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.00055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tractor/Loader/Backhoe	0.00061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe	0.00039	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 5 ton	0.00059	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder	0.00034	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vibratory Compactor	0.00069	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Roller, 5 ton	0.00069	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Motor Vehicle Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Table 11-G
Gas and Backup Water Supply Lines Construction Daily Construction Equipment and Motor Vehicle Exhaust PM10 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	0.08788	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.05731	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tractor/Loader/Backhoe	0.05940	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe	0.03621	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 5 ton	0.06632	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder	0.03055	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vibratory Compactor	0.07026	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Roller, 5 ton	0.07026	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**2.1**	**2.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.00183	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00183	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00005	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Motor Vehicle Total		**0.3**	**0.3**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Table 11-H
Gas and Backup Water Supply Lines Construction Daily Construction Equipment and Motor Vehicle Exhaust PM2.5 Emissions

Equipment/Vehicle Type	Emission Factor (lb/hr or lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Construction Equipment										
Dozer	0.08085	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Compressor, 250 cfm	0.05273	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tractor/Loader/Backhoe	0.05465	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Backhoe	0.03331	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crane, 5 ton	0.06102	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Welder	0.02811	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vibratory Compactor	0.06464	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Roller, 5 ton	0.06464	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Construction Equipment Total		**1.9**	**1.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Motor Vehicles										
Off-Site Vehicles										
Off-Site Dump Trucks	0.00169	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00169	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00004	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Motor Vehicle Total		**0.2**	**0.2**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Table 11-I
Gas and Backup Water Supply Lines Construction Daily Motor Vehicle Fugitive PM10 Emissions

Vehicle Type	Emission Factor (lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Off-Site Vehicles										
Off-Site Dump Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00090	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Motor Vehicle Total		**3.0**	**3.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Table 11-J
Gas and Backup Water Supply Lines Construction Daily Motor Vehicle Fugitive PM2.5 Emissions

Vehicle Type	Emission Factor (lb/mile)	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Off-Site Vehicles										
Off-Site Dump Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Pipe Hauling Trucks	0.00019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Construction Worker Commute	0.00016	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Motor Vehicle Total		**0.5**	**0.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Table 11-K
Gas and Backup Water Supply Lines Construction Daily Fugitive PM10 and PM2.5 Activities

Activity	Units	Quantity per Day								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Excavation	Cu. Yd.	0	0	0	0	0	0	0	0	0
Storage Pile Wind Erosion	Acres	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bulldozing and Grading	Hours	6	6	0	0	0	0	0	0	0

Table 11-L
Gas and Backup Water Supply Lines Construction Daily Fugitive PM10 Emissions

Activity	Emission Factor	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Excavation	4.97E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.348	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		**2.1**	**2.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Table 11-M
Gas and Backup Water Supply Lines Construction Daily Fugitive PM2.5 Emissions

Activity	Emission Factor	Daily Emissions (lb/day)								
		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9
Excavation	1.03E-04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Storage Pile Wind Erosion	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulldozing and Grading	0.072	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		**0.4**	**0.4**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Table 12-A
Transmission Line Segment 1 Construction Daily CO Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	26	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Road Work	1	4	15.7	15.7	15.7	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.9	31.9	31.9
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**20.3**	**20.3**	**20.3**	**20.3**	**57.0**	**57.0**	**57.0**	**57.0**	**57.0**	**88.9**	**88.9**	**88.9**
Motor Vehicles														
Marshalling Yards	1	26	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Road Work	1	4	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	1.3
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.8**	**0.8**	**0.8**	**0.8**	**1.9**	**1.9**	**1.9**	**1.9**	**1.9**	**3.2**	**3.2**	**3.2**
On-Site Total			**21.1**	**21.1**	**21.1**	**21.1**	**58.9**	**58.9**	**58.9**	**58.9**	**58.9**	**92.1**	**92.1**	**92.1**
Off-Site Motor Vehicles														
Marshalling Yards	1	26	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Road Work	1	4	3.1	3.1	3.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.5	28.5	28.5
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**9.2**	**9.2**	**9.2**	**9.2**	**26.5**	**26.5**	**26.5**	**26.5**	**26.5**	**55.0**	**55.0**	**55.0**
Monthly Total			**30.3**	**30.3**	**30.3**	**30.3**	**85.4**	**85.4**	**85.4**	**85.4**	**85.4**	**147.1**	**147.1**	**147.1**
Maximum Daily Total (lb/day)			**180.1**											

Table 12-A (continued)
Transmission Line Segment 1 Construction Daily CO Emissions Summary

	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
On-Site														
Equipment														
Marshalling Yards	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	52.4	52.4	52.4	52.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	31.9	31.9	31.9	31.9	31.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	16.4
Equipment Total	**88.9**	**88.9**	**88.9**	**88.9**	**127.5**	**95.6**	**95.6**	**95.6**	**95.6**	**95.6**	**95.6**	**95.6**	**21.0**	**21.0**
Motor Vehicles														
Marshalling Yards	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8
Motor Vehicle Total	**3.2**	**3.2**	**3.2**	**3.2**	**2.6**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**2.4**	**2.4**
On-Site Total	**92.1**	**92.1**	**92.1**	**92.1**	**130.2**	**96.9**	**96.9**	**96.9**	**96.9**	**96.9**	**96.9**	**96.9**	**23.4**	**23.4**
Off-Site Motor Vehicles														
Marshalling Yards	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	20.4	20.4	20.4	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	28.5	28.5	28.5	28.5	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.1
Off-Site Total	**55.0**	**55.0**	**55.0**	**55.0**	**49.9**	**21.4**	**21.4**	**21.4**	**21.4**	**21.4**	**21.4**	**21.4**	**10.2**	**10.2**
Monthly Total	**147.1**	**147.1**	**147.1**	**147.1**	**180.1**	**118.3**	**118.3**	**118.3**	**118.3**	**118.3**	**118.3**	**118.3**	**33.6**	**33.6**

Note: Totals may not match sum of individual values because of rounding.

Table 12-B
Transmission Line Segment 1 Construction Daily VOC Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	26	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Road Work	1	4	4.0	4.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	9.9	9.9
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**5.2**	**5.2**	**5.2**	**5.2**	**9.9**	**9.9**	**9.9**	**9.9**	**9.9**	**19.8**	**19.8**	**19.8**
Motor Vehicles														
Marshalling Yards	1	26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Road Work	1	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**
On-Site Total			**5.3**	**5.3**	**5.3**	**5.3**	**10.1**	**10.1**	**10.1**	**10.1**	**10.1**	**20.1**	**20.1**	**20.1**
Off-Site Motor Vehicles														
Marshalling Yards	1	26	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Road Work	1	4	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	1.7
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**0.6**	**0.6**	**0.6**	**0.6**	**1.6**	**1.6**	**1.6**	**1.6**	**1.6**	**3.3**	**3.3**	**3.3**
Monthly Total			**5.8**	**5.8**	**5.8**	**5.8**	**11.7**	**11.7**	**11.7**	**11.7**	**11.7**	**23.5**	**23.5**	**23.5**
Maximum Daily Total (lb/day)			**29.0**											

Table 12-B (continued)
Transmission Line Segment 1 Construction Daily VOC Emissions Summary

	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
On-Site														
Equipment														
Marshalling Yards	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	8.7	8.7	8.7	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	9.9	9.9	9.9	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0
Equipment Total	**19.8**	**19.8**	**19.8**	**19.8**	**25.7**	**15.8**	**15.8**	**15.8**	**15.8**	**15.8**	**15.8**	**15.8**	**6.2**	**6.2**
Motor Vehicles														
Marshalling Yards	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Motor Vehicle Total	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**
On-Site Total	**20.1**	**20.1**	**20.1**	**20.1**	**26.0**	**15.9**	**15.9**	**15.9**	**15.9**	**15.9**	**15.9**	**15.9**	**6.5**	**6.5**
Off-Site Motor Vehicles														
Marshalling Yards	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	1.7	1.7	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Off-Site Total	**3.3**	**3.3**	**3.3**	**3.3**	**3.0**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**1.3**	**0.6**	**0.6**
Monthly Total	**23.5**	**23.5**	**23.5**	**23.5**	**29.0**	**17.2**	**17.2**	**17.2**	**17.2**	**17.2**	**17.2**	**17.2**	**7.1**	**7.1**

Note: Totals may not match sum of individual values because of rounding.

Table 12-C
Transmission Line Segment 1 Construction Daily NOx Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	26	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Road Work	1	4	32.5	32.5	32.5	32.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.9	87.9	87.9
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**42.2**	**42.2**	**42.2**	**42.2**	**89.2**	**89.2**	**89.2**	**89.2**	**89.2**	**177.1**	**177.1**	**177.1**
Motor Vehicles														
Marshalling Yards	1	26	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Road Work	1	4	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.8**	**0.8**	**0.8**	**0.8**	**1.7**	**1.7**	**1.7**	**1.7**	**1.7**	**2.6**	**2.6**	**2.6**
On-Site Total			**43.0**	**43.0**	**43.0**	**43.0**	**90.9**	**90.9**	**90.9**	**90.9**	**90.9**	**179.7**	**179.7**	**179.7**
Off-Site Motor Vehicles														
Marshalling Yards	1	26	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Road Work	1	4	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.7	2.7
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**0.9**	**0.9**	**0.9**	**0.9**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**	**5.2**	**5.2**	**5.2**
Monthly Total			**43.9**	**43.9**	**43.9**	**43.9**	**93.4**	**93.4**	**93.4**	**93.4**	**93.4**	**184.9**	**184.9**	**184.9**
Maximum Daily Total (lb/day)			**234.9**											

Table 12-C (continued)
Transmission Line Segment 1 Construction Daily NOx Emissions Summary

	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
On-Site														
Equipment														
Marshalling Yards	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	79.6	79.6	79.6	79.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	87.9	87.9	87.9	87.9	87.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.9	37.9
Equipment Total	**177.1**	**177.1**	**177.1**	**177.1**	**228.4**	**140.6**	**140.6**	**140.6**	**140.6**	**140.6**	**140.6**	**140.6**	**47.6**	**47.6**
Motor Vehicles														
Marshalling Yards	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5
Motor Vehicle Total	**2.6**	**2.6**	**2.6**	**2.6**	**1.8**	**0.9**	**0.9**	**0.9**	**0.9**	**0.9**	**0.9**	**0.9**	**1.7**	**1.7**
On-Site Total	**179.7**	**179.7**	**179.7**	**179.7**	**230.2**	**141.4**	**141.4**	**141.4**	**141.4**	**141.4**	**141.4**	**141.4**	**49.3**	**49.3**
Off-Site Motor Vehicles														
Marshalling Yards	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	1.9	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	2.7	2.7	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
Off-Site Total	**5.2**	**5.2**	**5.2**	**5.2**	**4.7**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**1.0**	**1.0**
Monthly Total	**184.9**	**184.9**	**184.9**	**184.9**	**234.9**	**143.5**	**143.5**	**143.5**	**143.5**	**143.5**	**143.5**	**143.5**	**50.3**	**50.3**

Note: Totals may not match sum of individual values because of rounding.

Table 12-D
Transmission Line Segment 1 Construction Daily SOx Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**
Motor Vehicles														
Marshalling Yards	1	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
On-Site Total			**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**
Off-Site Motor Vehicles														
Marshalling Yards	1	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total			**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**
Maximum Daily Total (lb/day)			**0.2**											

Table 12-D (continued)
Transmission Line Segment 1 Construction Daily SOx Emissions Summary

	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
On-Site														
Equipment														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**
Motor Vehicles														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
On-Site Total	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**
Off-Site Motor Vehicles														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 12-E
Transmission Line Segment 1 Construction Daily PM10 Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	26	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Road Work	1	4	1.7	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.1	4.1
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**2.3**	**2.3**	**2.3**	**2.3**	**3.9**	**3.9**	**3.9**	**3.9**	**3.9**	**7.9**	**7.9**	**7.9**
Motor Vehicle Exhaust														
Marshalling Yards	1	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Fugitive														
Marshalling Yards			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	26	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
Foundations	1	4	35.4	35.4	35.4	35.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	5	16	0.0	0.0	0.0	0.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
Conductor	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	20.8	20.8
Cleanup	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Total	25	26	**54.3**	**54.3**	**54.3**	**54.3**	**52.0**	**52.0**	**52.0**	**52.0**	**52.0**	**72.8**	**72.8**	**72.8**
On-Site Total			**56.6**	**56.6**	**56.6**	**56.6**	**55.9**	**55.9**	**55.9**	**55.9**	**55.9**	**80.8**	**80.8**	**80.8**
Off-Site Motor Vehicle Exhaust and Fugitive														
Marshalling Yards	1	26	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Road Work	1	4	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	1.6
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**0.5**	**0.5**	**0.5**	**0.5**	**1.5**	**1.5**	**1.5**	**1.5**	**1.5**	**3.1**	**3.1**	**3.1**
Monthly Total			**57.1**	**57.1**	**57.1**	**57.1**	**57.4**	**57.4**	**57.4**	**57.4**	**57.4**	**83.9**	**83.9**	**83.9**
Maximum Daily Total (lb/day)			**83.9**											

Table 12-E (continued)
Transmission Line Segment 1 Construction Daily PM10 Emissions Summary

	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
On-Site														
Equipment														
Marshalling Yards	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	3.3	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	4.1	4.1	4.1	4.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3
Equipment Total	**7.9**	**7.9**	**7.9**	**7.9**	**9.8**	**5.7**	**5.7**	**5.7**	**5.7**	**5.7**	**5.7**	**5.7**	**2.8**	**2.8**
Motor Vehicle Exhaust														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Motor Vehicle Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**
Fugitive														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
Foundations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	33.1	33.1	33.1	33.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	20.8	20.8	20.8	20.8	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	0.0	0.0
Fugitive Total	**72.8**	**72.8**	**72.8**	**72.8**	**55.5**	**34.7**	**34.7**	**34.7**	**34.7**	**34.7**	**34.7**	**34.7**	**18.9**	**18.9**
On-Site Total	**80.8**	**80.8**	**80.8**	**80.8**	**65.3**	**40.4**	**40.4**	**40.4**	**40.4**	**40.4**	**40.4**	**40.4**	**21.8**	**21.8**
Off-Site Motor Vehicle Exhaust and Fugitive														
Marshalling Yards	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	1.6	1.6	1.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Off-Site Total	**3.1**	**3.1**	**3.1**	**3.1**	**2.8**	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**	**0.6**	**0.6**
Monthly Total	**83.9**	**83.9**	**83.9**	**83.9**	**68.1**	**41.6**	**41.6**	**41.6**	**41.6**	**41.6**	**41.6**	**41.6**	**22.3**	**22.3**

Note: Totals may not match sum of individual values because of rounding.

Table 12-F
Transmission Line Segment 1 Construction Daily PM2.5 Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	26	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Road Work	1	4	1.6	1.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.7	3.7
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**2.1**	**2.1**	**2.1**	**2.1**	**3.5**	**3.5**	**3.5**	**3.5**	**3.5**	**7.3**	**7.3**	**7.3**
Motor Vehicle Exhaust														
Marshalling Yards	1	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Fugitive														
Marshalling Yards			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	26	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Foundations	1	4	7.5	7.5	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	5	16	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Conductor	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4	4.4
Cleanup	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Total	25	26	**11.5**	**11.5**	**11.5**	**11.5**	**11.0**	**11.0**	**11.0**	**11.0**	**11.0**	**15.4**	**15.4**	**15.4**
On-Site Total			**13.6**	**13.6**	**13.6**	**13.6**	**14.6**	**14.6**	**14.6**	**14.6**	**14.6**	**22.8**	**22.8**	**22.8**
Off-Site Motor Vehicle Exhaust and Fugitive														
Marshalling Yards	1	26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Road Work	1	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	5	16	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Steel	10	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
Conductor	17	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	25	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**0.1**	**0.1**	**0.1**	**0.1**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.7**	**0.7**	**0.7**
Monthly Total			**13.7**	**13.7**	**13.7**	**13.7**	**14.9**	**14.9**	**14.9**	**14.9**	**14.9**	**23.4**	**23.4**	**23.4**
Maximum Daily Total (lb/day)			**23.4**											

Table 12-F (continued)
Transmission Line Segment 1 Construction Daily PM2.5 Emissions Summary

	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
On-Site														
Equipment														
Marshalling Yards	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	3.1	3.1	3.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1
Equipment Total	**7.3**	**7.3**	**7.3**	**7.3**	**9.0**	**5.2**	**5.2**	**5.2**	**5.2**	**5.2**	**5.2**	**5.2**	**2.6**	**2.6**
Motor Vehicle Exhaust														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Motor Vehicle Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**
Fugitive														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Foundations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	7.0	7.0	7.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	4.4	4.4	4.4	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	0.0	0.0
Fugitive Total	**15.4**	**15.4**	**15.4**	**15.4**	**11.7**	**7.3**	**7.3**	**7.3**	**7.3**	**7.3**	**7.3**	**7.3**	**4.0**	**4.0**
On-Site Total	**22.8**	**22.8**	**22.8**	**22.8**	**20.7**	**12.5**	**12.5**	**12.5**	**12.5**	**12.5**	**12.5**	**12.5**	**6.7**	**6.7**
Off-Site Motor Vehicle Exhaust and Fugitive														
Marshalling Yards	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total	**0.7**	**0.7**	**0.7**	**0.7**	**0.6**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.1**	**0.1**
Monthly Total	**23.4**	**23.4**	**23.4**	**23.4**	**21.3**	**12.8**	**12.8**	**12.8**	**12.8**	**12.8**	**12.8**	**12.8**	**6.8**	**6.8**

Note: Totals may not match sum of individual values because of rounding.

Table 13-A
Transmission Line Segment 1 Construction Equipment Emissions

Phase	Equipment Type	Fuel	Hours/Day	Number	Emission Factors (lb/hr)						Emissions (lb/day)					
					CO	VOC	NOx	SOx	PM10	PM2.5	CO	VOC	NOx	SOx	PM10	PM2.5
Construction Equipment																
Marshalling Yards	Crane, Hydraulic, Rough Terrain, 30 Ton	Diesel	4	1	0.4931	0.1344	1.0408	0.0009	0.0589	0.0541	2.0	0.5	4.2	0.0	0.2	0.2
	Loader, Front End, w/ Bucket	Diesel	1	1	0.6377	0.1657	1.3017	0.0012	0.0733	0.0674	0.6	0.2	1.3	0.0	0.1	0.1
	Forklift, 5 Ton	Diesel	3	1	0.3314	0.0852	0.6976	0.0007	0.0370	0.0341	1.0	0.3	2.1	0.0	0.1	0.1
	Forklift, 10 Ton	Diesel	3	1	0.3314	0.0852	0.6976	0.0007	0.0370	0.0341	1.0	0.3	2.1	0.0	0.1	0.1
Marshalling Yards Total											**4.6**	**1.2**	**9.7**	**0.0**	**0.5**	**0.5**
Road Work	Crawler, Track Type, w/ Blade (D8 type)	Diesel	8	1	1.4035	0.3172	3.0282	0.0025	0.1221	0.1123	11.2	2.5	24.2	0.0	1.0	0.9
	Motor Grader	Diesel	8	1	0.5580	0.1778	1.0396	0.0009	0.0947	0.0871	4.5	1.4	8.3	0.0	0.8	0.7
Road Work Total											**15.7**	**4.0**	**32.5**	**0.0**	**1.7**	**1.6**
Foundations	Drill Rig, Truck Mount	Diesel	8.5	2	0.3499	0.1054	1.4592	0.0021	0.0409	0.0376	5.9	1.8	24.8	0.0	0.7	0.6
	Truck, Flatbed w/Boom, 5 Ton	Diesel	6	2	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	4.7	1.7	16.6	0.0	0.6	0.6
	Crawler, Track Type, Drill Rig, Pneumatic	Diesel	2	1	1.4035	0.3172	3.0282	0.0025	0.1221	0.1123	2.8	0.6	6.1	0.0	0.2	0.2
	Concrete Pumper	Diesel	8.5	2	0.5533	0.1569	0.9876	0.0009	0.0841	0.0774	9.4	2.7	16.8	0.0	1.4	1.3
	Loader, Front End, w/ Bucket	Diesel	3.5	1	0.6377	0.1657	1.3017	0.0012	0.0733	0.0674	2.2	0.6	4.6	0.0	0.3	0.2
	Generator	Gasoline	8.5	2	1.6086	0.0776	0.6324	0.0005	0.0043	0.0033	27.3	1.3	10.8	0.0	0.1	0.1
Foundations Total											**52.4**	**8.7**	**79.6**	**0.1**	**3.3**	**3.1**
Steel	Crane, Hydraulic, 150 Ton	Diesel	9	2	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	7.0	2.5	24.9	0.0	1.0	0.9
	Crane, Hydraulic, Rough Terrain, 30 Ton	Diesel	9	3	0.4931	0.1344	1.0408	0.0009	0.0589	0.0541	13.3	3.6	28.1	0.0	1.6	1.5
	Truck, Flatbed w/Boom, 5 Ton	Diesel	9	2	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	7.0	2.5	24.9	0.0	1.0	0.9
	Crawler, Track Type, w/ Blade (D6 type)	Diesel	6	1	0.7727	0.2144	1.6459	0.0014	0.0937	0.0862	4.6	1.3	9.9	0.0	0.6	0.5
Steel Total											**31.9**	**9.9**	**87.9**	**0.1**	**4.1**	**3.7**
Conductor	Truck, Flatbed w/Boom, 5 Ton	Diesel	10	3	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	11.6	4.2	41.6	0.0	1.6	1.5
	Tension Machine	Diesel	2.5	1	0.5927	0.1355	1.1441	0.0012	0.0605	0.0557	1.5	0.3	2.9	0.0	0.2	0.1
	Truck, Wire Puller, 3 Drum	Diesel	2.5	1	0.7059	0.1942	2.2750	0.0025	0.0769	0.0708	1.8	0.5	5.7	0.0	0.2	0.2
	Truck, Wire Puller, 1 Drum (OVHD Gr. Wr.)	Diesel	2.5	1	0.7059	0.1942	2.2750	0.0025	0.0769	0.0708	1.8	0.5	5.7	0.0	0.2	0.2
	Crawler, Track Type, w/ Blade (D8 type)	Diesel	2.5	1	1.4035	0.3172	3.0282	0.0025	0.1221	0.1123	3.5	0.8	7.6	0.0	0.3	0.3
	Crawler, Track Type, Sagging (D8 type)	Diesel	4	1	1.4035	0.3172	3.0282	0.0025	0.1221	0.1123	5.6	1.3	12.1	0.0	0.5	0.4
	Backhoe, w/Bucket	Diesel	3.5	1	0.3700	0.1082	0.6504	0.0006	0.0594	0.0547	1.3	0.4	2.3	0.0	0.2	0.2
	Digger, Transmission Type, Truck Mount	Diesel	1	1	0.9000	0.3074	2.9473	0.0025	0.1226	0.1128	0.9	0.3	2.9	0.0	0.1	0.1
	Crane, Hydraulic, Rough Terrain, 30 Ton	Diesel	10	3	0.4931	0.1344	1.0408	0.0009	0.0589	0.0541	14.8	4.0	31.2	0.0	1.8	1.6
	Generator	Gasoline	10	3	1.6086	0.0776	0.6324	0.0005	0.0043	0.0033	48.3	2.3	19.0	0.0	0.1	0.1
Conductor Total											**91.0**	**14.6**	**130.9**	**0.1**	**5.2**	**4.7**
Cleanup	Truck, Flatbed w/Boom, 5 Ton	Diesel	8	1	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	3.1	1.1	11.1	0.0	0.4	0.4
	Crawler, Track Type, w/ Blade (D6 type)	Diesel	10	1	0.7727	0.2144	1.6459	0.0014	0.0937	0.0862	7.7	2.1	16.5	0.0	0.9	0.9
	Motor Grader	Diesel	10	1	0.5580	0.1778	1.0396	0.0009	0.0947	0.0871	5.6	1.8	10.4	0.0	0.9	0.9
Cleanup Total											**16.4**	**5.0**	**37.9**	**0.0**	**2.3**	**2.1**

Note: Totals may not match sum of individual values because of rounding.

Table 13-B
Transmission Line Segment 1 Construction Motor Vehicle Exhaust Emissions

Phase	Vehicle Type	Fuel	Miles/Day	Number	Emission Factors (lb/hr)						Emissions (lb/day)					
					CO	VOC	NOx	SOx	PM10	PM2.5	CO	VOC	NOx	SOx	PM10	PM2.5
On-site Vehicles																
Marshalling Yards	On-Site Semi Tractor	Diesel	5	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.2	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	5	2	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.2	0.0	0.0	0.0	0.0	0.0
	On-Site Flatbed Truck	Diesel	5	1	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.4	0.0	0.1	0.0	0.0	0.0
Marshalling Yards Total											**0.6**	**0.1**	**0.3**	**0.0**	**0.0**	**0.0**
Road Work	On-Site Semi Tractor	Diesel	6	2	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.5	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	6	1	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.1	0.0	0.0	0.0	0.0	0.0
Road Work Total											**0.2**	**0.0**	**0.5**	**0.0**	**0.0**	**0.0**
Foundations	On-Site Flatbed Truck, 2 Ton	Gasoline	3	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.5	0.0	0.1	0.0	0.0	0.0
	On-Site Cement Trucks	Diesel	3	4	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.5	0.0	0.0	0.0
	On-Site Semi Tractor	Diesel	3	2	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.2	0.0	0.0	0.0
	On-Site Dump Truck	Diesel	3	2	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.2	0.0	0.0	0.0
	On-Site Watering Truck	Diesel	3	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.0	0.0	0.1	0.0	0.0	0.0
	On-Site Mechanics Truck	Diesel	3	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.0	0.0	0.1	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	3	2	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.1	0.0	0.0	0.0	0.0	0.0
	On-Site Flatbed Truck	Gasoline	3	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.5	0.0	0.1	0.0	0.0	0.0
Foundations Total											**1.3**	**0.2**	**1.4**	**0.0**	**0.1**	**0.1**
Steel	On-Site Flatbed Truck, 2 Ton	Gasoline	3	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.5	0.0	0.1	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	3	4	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.2	0.0	0.0	0.0	0.0	0.0
	On-Site Flatbed Truck	Gasoline	3	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.5	0.0	0.1	0.0	0.0	0.0
	On-Site Semi Tractor	Diesel	3	4	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.5	0.0	0.0	0.0
	On-Site Watering Truck	Diesel	3	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.0	0.0	0.1	0.0	0.0	0.0
	On-Site Mechanics Truck	Diesel	3	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.0	0.0	0.1	0.0	0.0	0.0
Steel Total											**1.3**	**0.1**	**0.9**	**0.0**	**0.0**	**0.0**
Conductor	On-Site Semi Tractor	Diesel	3	2	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.2	0.0	0.0	0.0
	On-Site Watering Truck	Diesel	3	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.0	0.0	0.1	0.0	0.0	0.0
	On-Site Flatbed Truck	Gasoline	3	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.5	0.0	0.1	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	3	3	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.2	0.0	0.0	0.0	0.0	0.0
	On-Site Mechanics Truck	Diesel	3	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.0	0.0	0.1	0.0	0.0	0.0
Conductor Total											**0.7**	**0.1**	**0.6**	**0.0**	**0.0**	**0.0**
Cleanup	On-Site Dump Truck	Diesel	3	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.0	0.0	0.1	0.0	0.0	0.0
	On-Site Semi Tractor	Diesel	3	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.0	0.0	0.1	0.0	0.0	0.0
	On-Site Flatbed Truck	Gasoline	3	1	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.2	0.0	0.0	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	3	1	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.1	0.0	0.0	0.0	0.0	0.0
Cleanup Total											**1.8**	**0.2**	**1.5**	**0.0**	**0.1**	**0.1**
Off-Site Vehicles																
Marshalling Yards	Off-Site Construction Worker Commute	Gasoline	60	6	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	6.1	0.4	0.6	0.0	0.0	0.0
Road Work	Off-Site Construction Worker Commute	Gasoline	60	3	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	3.1	0.2	0.3	0.0	0.0	0.0
Foundations	Off-Site Construction Worker Commute	Gasoline	60	20	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	20.4	1.2	1.9	0.0	0.1	0.1
Steel	Off-Site Construction Worker Commute	Gasoline	60	28	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	28.5	1.7	2.7	0.0	0.1	0.1
Conductor	Off-Site Construction Worker Commute	Gasoline	60	15	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	15.3	0.9	1.5	0.0	0.0	0.0
Cleanup	Off-Site Construction Worker Commute	Gasoline	60	4	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	4.1	0.2	0.4	0.0	0.0	0.0

Note: Totals may not match sum of individual values because of rounding.

Table 13-C
Transmission Line Segment 1 Construction Motor Vehicle Fugitive PM10 and PM2.5 Emissions

Phase	Vehicle Type	Miles/Day	Number	Emission Factors (lb/mi)		Emissions (lb/day)	
				PM10	PM2.5	PM10	PM2.5
On-site Vehicles							
Marshalling Yards	On-Site Semi Tractor	5	1	0.7385	0.1566	3.7	0.8
	On-Site Pickup Truck	5	2	0.7384	0.1566	7.4	1.6
	On-Site Flatbed Truck	5	1	0.7384	0.1565	3.7	0.8
Marshalling Yards Total						**14.8**	**3.1**
Road Work	On-Site Semi Tractor	6	2	0.7385	0.1566	8.9	1.9
	On-Site Pickup Truck	6	1	0.7384	0.1566	4.4	0.9
Road Work Total						**13.3**	**2.8**
Foundations	On-Site Flatbed Truck, 2 Ton	3	2	0.7384	0.1565	4.4	0.9
	On-Site Cement Trucks	3	4	0.7385	0.1566	8.9	1.9
	On-Site Semi Tractor	3	2	0.7385	0.1566	4.4	0.9
	On-Site Dump Truck	3	2	0.7385	0.1566	4.4	0.9
	On-Site Watering Truck	3	1	0.7385	0.1566	2.2	0.5
	On-Site Mechanics Truck	3	1	0.7385	0.1566	2.2	0.5
	On-Site Pickup Truck	3	2	0.7384	0.1566	4.4	0.9
	On-Site Flatbed Truck	3	2	0.7384	0.1565	4.4	0.9
Foundations Total						**35.4**	**7.5**
Steel	On-Site Flatbed Truck, 2 Ton	3	2	0.7384	0.1565	4.4	0.9
	On-Site Pickup Truck	3	4	0.7384	0.1566	8.9	1.9
	On-Site Flatbed Truck	3	2	0.7384	0.1565	4.4	0.9
	On-Site Semi Tractor	3	4	0.7385	0.1566	8.9	1.9
	On-Site Watering Truck	3	1	0.7385	0.1566	2.2	0.5
	On-Site Mechanics Truck	3	1	0.7385	0.1566	2.2	0.5
Steel Total						**31.0**	**6.6**
Conductor	On-Site Semi Tractor	3	2	0.7385	0.1566	4.4	0.9
	On-Site Watering Truck	3	1	0.7385	0.1566	2.2	0.5
	On-Site Flatbed Truck	3	2	0.7384	0.1565	4.4	0.9
	On-Site Pickup Truck	3	3	0.7384	0.1566	6.6	1.4
	On-Site Mechanics Truck	3	1	0.7385	0.1566	2.2	0.5
Conductor Total						**19.9**	**4.2**
Cleanup	On-Site Dump Truck	3	1	0.7385	0.1566	2.2	0.5
	On-Site Semi Tractor	3	1	0.7385	0.1566	2.2	0.5
	On-Site Flatbed Truck	3	1	0.7384	0.1565	2.2	0.5
	On-Site Pickup Truck	3	1	0.7384	0.1566	2.2	0.5
Cleanup Total						**8.9**	**1.9**
Off-Site Vehicles							
Marshalling Yards	Off-Site Construction Worker Commute	60	6	0.0009	0.0002	0.3	0.1
Road Work	Off-Site Construction Worker Commute	60	3	0.0009	0.0002	0.2	0.0
Foundations	Off-Site Construction Worker Commute	60	20	0.0009	0.0002	1.1	0.2
Steel	Off-Site Construction Worker Commute	60	28	0.0009	0.0002	1.5	0.3
Conductor	Off-Site Construction Worker Commute	60	15	0.0009	0.0002	0.8	0.1
Cleanup	Off-Site Construction Worker Commute	60	4	0.0009	0.0002	0.2	0.0

Note: Totals may not match sum of individual values because of rounding.

Table 13-D
Transmission Line Segment 1 Construction Daily Fugitive PM10 and PM2.5 Emissions

Phase	Activity	Units	Quantity/ Day	Emission Factors		Emissions (lb/day)	
				PM10	PM2.5	PM10	PM2.5
Marshalling Yards	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	0.0	0.348	0.072	0.0	0.0
Marshalling Yards Total						**0.0**	**0.0**
Road Work	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	16.0	0.348	0.072	5.6	1.2
Road Work Total						**5.6**	**1.2**
Foundations	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	0.0	0.348	0.072	0.0	0.0
Foundations Total						**0.0**	**0.0**
Steel	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	6.0	0.348	0.072	2.1	0.4
Steel Total						**2.1**	**0.4**
Conductor	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	2.5	0.348	0.072	0.9	0.2
Conductor Total						**0.9**	**0.2**
Cleanup	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	20.0	0.348	0.072	7.0	1.4
Cleanup Total						**7.0**	**1.4**

Note: Totals may not match sum of individual values because of rounding.

Table 14-A
Transmission Line Segment 2 Construction Daily CO Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	12	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Foundations	1	2	10.1	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	67.6	67.6	67.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	148.5	148.5	148.5	148.5	148.5	148.5	148.5	148.5	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.2	37.2
Equipment Total			**12.1**	**12.1**	**218.1**	**218.1**	**218.1**	**150.5**	**150.5**	**150.5**	**150.5**	**150.5**	**39.2**	**39.2**
Motor Vehicles														
Marshalling Yards	1	12	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Foundations	1	2	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	3.1	3.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	7.3
Motor Vehicle Total			**3.3**	**3.3**	**6.8**	**6.8**	**6.8**	**3.8**	**3.8**	**3.8**	**3.8**	**3.8**	**7.9**	**7.9**
On-Site Total			**15.4**	**15.4**	**224.9**	**224.9**	**224.9**	**154.3**	**154.3**	**154.3**	**154.3**	**154.3**	**47.1**	**47.1**
Off-Site Motor Vehicles														
Marshalling Yards	1	12	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Foundations	1	2	21.4	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	22.4	22.4	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.1
Off-Site Total			**27.5**	**27.5**	**42.8**	**42.8**	**42.8**	**20.4**	**20.4**	**20.4**	**20.4**	**20.4**	**10.2**	**10.2**
Monthly Total			**42.9**	**42.9**	**267.7**	**267.7**	**267.7**	**174.6**	**174.6**	**174.6**	**174.6**	**174.6**	**57.3**	**57.3**
Maximum Daily Total (lb/day)			**267.7**											

Note: Totals may not match sum of individual values because of rounding.

Table 14-B
Transmission Line Segment 2 Construction Daily VOC Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	12	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Foundations	1	2	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	6.4	6.4	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.2
Equipment Total			**4.0**	**4.0**	**19.3**	**19.3**	**19.3**	**12.9**	**12.9**	**12.9**	**12.9**	**12.9**	**3.7**	**3.7**
Motor Vehicles														
Marshalling Yards	1	12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Foundations	1	2	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
Motor Vehicle Total			**0.3**	**0.3**	**0.6**	**0.6**	**0.6**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.7**	**0.7**
On-Site Total			**4.3**	**4.3**	**19.9**	**19.9**	**19.9**	**13.2**	**13.2**	**13.2**	**13.2**	**13.2**	**4.4**	**4.4**
Off-Site Motor Vehicles														
Marshalling Yards	1	12	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Foundations	1	2	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Off-Site Total			**1.7**	**1.7**	**2.6**	**2.6**	**2.6**	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**	**0.6**	**0.6**
Monthly Total			**6.0**	**6.0**	**22.5**	**22.5**	**22.5**	**14.5**	**14.5**	**14.5**	**14.5**	**14.5**	**5.1**	**5.1**
Maximum Daily Total (lb/day)			**22.5**											

Note: Totals may not match sum of individual values because of rounding.

Table 14-C
Transmission Line Segment 2 Construction Daily NOx Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	12	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
Foundations	1	2	38.1	38.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	47.6	47.6	47.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	23.6
Equipment Total			**42.2**	**42.2**	**138.5**	**138.5**	**138.5**	**90.8**	**90.8**	**90.8**	**90.8**	**90.8**	**27.8**	**27.8**
Motor Vehicles														
Marshalling Yards	1	12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Foundations	1	2	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3
Motor Vehicle Total			**2.0**	**2.0**	**2.8**	**2.8**	**2.8**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**4.6**	**4.6**
On-Site Total			**44.2**	**44.2**	**141.3**	**141.3**	**141.3**	**92.9**	**92.9**	**92.9**	**92.9**	**92.9**	**32.3**	**32.3**
Off-Site Motor Vehicles														
Marshalling Yards	1	12	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Foundations	1	2	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
Off-Site Total			**2.6**	**2.6**	**4.1**	**4.1**	**4.1**	**1.9**	**1.9**	**1.9**	**1.9**	**1.9**	**1.0**	**1.0**
Monthly Total			**46.8**	**46.8**	**145.3**	**145.3**	**145.3**	**94.8**	**94.8**	**94.8**	**94.8**	**94.8**	**33.3**	**33.3**
Maximum Daily Total (lb/day)			**145.3**											

Note: Totals may not match sum of individual values because of rounding.

Table 14-D
Transmission Line Segment 2 Construction Daily SOx Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	1	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**
Motor Vehicles														
Marshalling Yards	1	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	1	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
On-Site Total			**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**
Off-Site Motor Vehicles														
Marshalling Yards	1	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	1	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	3	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	11	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total			**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**
Maximum Daily Total (lb/day)			**0.2**											

Note: Totals may not match sum of individual values because of rounding.

Table 14-E
Transmission Line Segment 2 Construction Daily PM10 Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Foundations	2	7	0.0	1.3	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**0.2**	**1.6**	**1.6**	**1.6**	**1.6**	**4.2**	**4.2**	**2.9**	**2.9**	**2.9**	**2.9**	**2.9**
Motor Vehicle Exhaust														
Marshalling Yards	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	2	7	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Fugitive														
Marshalling Yards	1	27	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
Foundations	2	7	0.0	65.0	65.0	65.0	65.0	65.0	65.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Total			**14.8**	**79.8**	**79.8**	**79.8**	**79.8**	**132.9**	**132.9**	**67.9**	**67.9**	**67.9**	**67.9**	**67.9**
On-Site Total			**15.0**	**81.4**	**81.4**	**81.4**	**81.4**	**137.2**	**137.2**	**70.8**	**70.8**	**70.8**	**70.8**	**70.8**
Off-Site Motor Vehicle Exhaust and Fugitive														
Marshalling Yards	1	27	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Foundations	2	7	0.0	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**0.3**	**1.5**	**1.5**	**1.5**	**1.5**	**2.8**	**2.8**	**1.6**	**1.6**	**1.6**	**1.6**	**1.6**
Monthly Total			**15.3**	**82.9**	**82.9**	**82.9**	**82.9**	**140.0**	**140.0**	**72.4**	**72.4**	**72.4**	**72.4**	**72.4**
Maximum Daily Total (lb/day)			**140.0**											

Note: Totals may not match sum of individual values because of rounding.

Table 14-F
Transmission Line Segment 2 Construction Daily PM2.5 Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
On-Site														
Equipment														
Marshalling Yards	1	27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Foundations	2	7	0.0	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**0.2**	**1.4**	**1.4**	**1.4**	**1.4**	**3.8**	**3.8**	**2.5**	**2.5**	**2.5**	**2.5**	**2.5**
Motor Vehicle Exhaust														
Marshalling Yards	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foundations	2	7	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Fugitive														
Marshalling Yards	1	27	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Foundations	2	7	0.0	13.8	13.8	13.8	13.8	13.8	13.8	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Total			**3.1**	**16.9**	**16.9**	**16.9**	**16.9**	**28.2**	**28.2**	**14.4**	**14.4**	**14.4**	**14.4**	**14.4**
On-Site Total			**3.4**	**18.4**	**18.4**	**18.4**	**18.4**	**32.0**	**32.0**	**17.0**	**17.0**	**17.0**	**17.0**	**17.0**
Off-Site Motor Vehicle Exhaust and Fugitive														
Marshalling Yards	1	27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Foundations	2	7	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**0.1**	**0.3**	**0.3**	**0.3**	**0.3**	**0.6**	**0.6**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**
Monthly Total			**3.4**	**18.7**	**18.7**	**18.7**	**18.7**	**32.6**	**32.6**	**17.3**	**17.3**	**17.3**	**17.3**	**17.3**
Maximum Daily Total (lb/day)			**32.6**											

Note: Totals may not match sum of individual values because of rounding.

Table 15-A
Transmission Line Segment 2 Construction Equipment Emissions

Phase	Equipment Type	Fuel	Hours/Day	Number	Emission Factors (lb/hr)						Emissions (lb/day)					
					CO	VOC	NOx	SOx	PM10	PM2.5	CO	VOC	NOx	SOx	PM10	PM2.5
Construction Equipment																
Marshalling Yards	Crane, Hydraulic, Rough Terrain, 30 Ton	Diesel	2	1	0.4931	0.1344	1.0408	0.0009	0.0589	0.0541	1.0	0.3	2.1	0.0	0.1	0.1
	Forklift, 10 Ton	Diesel	3	1	0.3314	0.0852	0.6976	0.0007	0.0370	0.0341	1.0	0.3	2.1	0.0	0.1	0.1
Marshalling Yards Total											**2.0**	**0.5**	**4.2**	**0.0**	**0.2**	**0.2**
Foundations	Drill Rig, Truck Mount	Diesel	4.5	2	0.3499	0.1054	1.4592	0.0021	0.0409	0.0376	3.1	0.9	13.1	0.0	0.4	0.3
	Truck, Flatbed w/Boom, 5 Ton	Diesel	6	3	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	7.0	2.5	24.9	0.0	1.0	0.9
Foundations Total											**10.1**	**3.5**	**38.1**	**0.0**	**1.3**	**1.2**
Steel	Crane, Hydraulic, 150 Ton	Diesel	9	1	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	3.5	1.3	12.5	0.0	0.5	0.4
	Crane, Hydraulic, Rough Terrain, 30 Ton	Diesel	9	1	0.4931	0.1344	1.0408	0.0009	0.0589	0.0541	4.4	1.2	9.4	0.0	0.5	0.5
	Compressor	Gasoline	9	1	5.8528	0.1632	0.0952	0.0002	0.0756	0.0571	52.7	1.5	0.9	0.0	0.7	0.5
	Truck, Flatbed w/Boom, 5 Ton	Diesel	9	2	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	7.0	2.5	24.9	0.0	1.0	0.9
Steel Total											**67.6**	**6.4**	**47.6**	**0.0**	**2.7**	**2.3**
Conductor	Truck, Flatbed w/Boom, 5 Ton	Diesel	9	2	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	7.0	2.5	24.9	0.0	1.0	0.9
	Tension Machine	Diesel	2.5	1	0.5927	0.1355	1.1441	0.0012	0.0605	0.0557	1.5	0.3	2.9	0.0	0.2	0.1
	Truck, Wire Puller, 3 Drum	Diesel	2.5	1	0.7059	0.1942	2.2750	0.0025	0.0769	0.0708	1.8	0.5	5.7	0.0	0.2	0.2
	Truck, Wire Puller, 1 Drum (OVHD Gr. Wr.)	Diesel	2.5	1	0.7059	0.1942	2.2750	0.0025	0.0769	0.0708	1.8	0.5	5.7	0.0	0.2	0.2
	Compressor	Gasoline	9	2	5.8528	0.1632	0.0952	0.0002	0.0756	0.0571	105.4	2.9	1.7	0.0	1.4	1.0
	Crawler, Track Type, Sagging (D8 type)	Diesel	2	1	1.4035	0.3172	3.0282	0.0025	0.1221	0.1123	2.8	0.6	6.1	0.0	0.2	0.2
	Backhoe, w/Bucket	Diesel	1	1	0.3700	0.1082	0.6504	0.0006	0.0594	0.0547	0.4	0.1	0.7	0.0	0.1	0.1
	Digger, Transmission Type, Truck Mount	Diesel	1	2	0.9000	0.3074	2.9473	0.0025	0.1226	0.1128	1.8	0.6	5.9	0.0	0.2	0.2
	Crane, Hydraulic, Rough Terrain, 30 Ton	Diesel	9	3	0.4931	0.1344	1.0408	0.0009	0.0589	0.0541	13.3	3.6	28.1	0.0	1.6	1.5
	Generator	Gasoline	4	2	1.6086	0.0776	0.6324	0.0005	0.0043	0.0033	12.9	0.6	5.1	0.0	0.0	0.0
Conductor Total											**148.5**	**12.4**	**86.6**	**0.1**	**5.0**	**4.4**
Cleanup	Truck, Flatbed w/Boom, 5 Ton	Diesel	8	1	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	3.1	1.1	11.1	0.0	0.4	0.4
	Forklift, 10 Ton	Diesel	3	1	0.3314	0.0852	0.6976	0.0007	0.0370	0.0341	1.0	0.3	2.1	0.0	0.1	0.1
	Compressor	Gasoline	5	1	5.8528	0.1632	0.0952	0.0002	0.0756	0.0571	29.3	0.8	0.5	0.0	0.4	0.3
	Truck, Boom	Diesel	5	1	0.7754	0.2010	1.9859	0.0018	0.0770	0.0709	3.9	1.0	9.9	0.0	0.4	0.4
Cleanup Total											**37.2**	**3.2**	**23.6**	**0.0**	**1.3**	**1.1**

Note: Totals may not match sum of individual values because of rounding.

Table 15-B
Transmission Line Segment 2 Construction Motor Vehicle Exhaust Emissions

Phase	Vehicle Type	Fuel	Miles/Day	Number	Emission Factors (lb/hr)						Emissions (lb/day)					
					CO	VOC	NOx	SOx	PM10	PM2.5	CO	VOC	NOx	SOx	PM10	PM2.5
On-site Vehicles																
Marshalling Yards	On-Site Semi Tractor	Diesel	5	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.2	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	5	2	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.2	0.0	0.0	0.0	0.0	0.0
	On-Site Flatbed Truck	Diesel	5	1	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.4	0.0	0.1	0.0	0.0	0.0
Marshalling Yards Total											**0.6**	**0.1**	**0.3**	**0.0**	**0.0**	**0.0**
Foundations	On-Site Flatbed Truck, 2 Ton	Gasoline	8	3	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	1.8	0.1	0.3	0.0	0.0	0.0
	On-Site Cement Trucks	Diesel	8	4	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.3	0.1	1.3	0.0	0.1	0.1
	On-Site Pickup Truck	Gasoline	8	4	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.5	0.0	0.1	0.0	0.0	0.0
Foundations Total											**2.7**	**0.3**	**1.7**	**0.0**	**0.1**	**0.1**
Steel	On-Site Flatbed Truck, 2 Ton	Gasoline	8	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	1.2	0.1	0.2	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	8	4	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.5	0.0	0.1	0.0	0.0	0.0
	On-Site Flatbed Truck	Gasoline	8	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	1.2	0.1	0.2	0.0	0.0	0.0
	On-Site Semi Tractor	Diesel	8	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.3	0.0	0.0	0.0
Steel Total											**3.1**	**0.2**	**0.8**	**0.0**	**0.0**	**0.0**
Conductor	On-Site Semi Tractor	Diesel	8	2	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.2	0.0	0.7	0.0	0.0	0.0
	On-Site Watering Truck	Diesel	8	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.3	0.0	0.0	0.0
	On-Site Flatbed Truck	Gasoline	8	4	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	2.4	0.2	0.4	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	8	3	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.4	0.0	0.0	0.0	0.0	0.0
	On-Site Mechanics Truck	Diesel	8	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.3	0.0	0.0	0.0
Conductor Total											**3.2**	**0.3**	**1.8**	**0.0**	**0.1**	**0.1**
Cleanup	On-Site Dump Truck	Diesel	8	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.3	0.0	0.0	0.0
	On-Site Semi Tractor	Diesel	8	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.3	0.0	0.0	0.0
	On-Site Flatbed Truck	Gasoline	8	1	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.6	0.0	0.1	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	8	1	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.1	0.0	0.0	0.0	0.0	0.0
Cleanup Total											**7.3**	**0.7**	**4.3**	**0.0**	**0.1**	**0.1**
Off-Site Vehicles																
Marshalling Yards	Off-Site Construction Worker Commute	Gasoline	60	6	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	6.1	0.4	0.6	0.0	0.0	0.0
Foundations	Off-Site Construction Worker Commute	Gasoline	60	21	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	21.4	1.3	2.0	0.0	0.1	0.1
Steel	Off-Site Construction Worker Commute	Gasoline	60	22	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	22.4	1.4	2.1	0.0	0.1	0.1
Conductor	Off-Site Construction Worker Commute	Gasoline	60	14	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	14.3	0.9	1.4	0.0	0.0	0.0
Cleanup	Off-Site Construction Worker Commute	Gasoline	60	4	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	4.1	0.2	0.4	0.0	0.0	0.0

Note: Totals may not match sum of individual values because of rounding.

Table 15-C
Transmission Line Segment 2 Construction Motor Vehicle Fugitive PM10 and PM2.5 Emissions

Phase	Vehicle Type	Miles/Day	Number	Emission Factors (lb/mi)		Emissions (lb/day)	
				PM10	PM2.5	PM10	PM2.5
On-site Vehicles							
Marshalling Yards	On-Site Semi Tractor	5	1	0.7385	0.1566	3.7	0.8
	On-Site Pickup Truck	5	2	0.7384	0.1566	7.4	1.6
	On-Site Flatbed Truck	5	1	0.7384	0.1565	3.7	0.8
Marshalling Yards Total						**14.8**	**3.1**
Foundations	On-Site Flatbed Truck, 2 Ton	8	3	0.7384	0.1565	17.7	3.8
	On-Site Cement Trucks	8	4	0.7385	0.1566	23.6	5.0
	On-Site Pickup Truck	8	4	0.7384	0.1566	23.6	5.0
Foundations Total						**65.0**	**13.8**
Steel	On-Site Flatbed Truck, 2 Ton	8	2	0.7384	0.1565	11.8	2.5
	On-Site Pickup Truck	8	4	0.7384	0.1566	23.6	5.0
	On-Site Flatbed Truck	8	2	0.7384	0.1565	11.8	2.5
	On-Site Semi Tractor	8	1	0.7385	0.1566	5.9	1.3
Steel Total						**53.2**	**11.3**
Conductor	On-Site Semi Tractor	8	2	0.7385	0.1566	11.8	2.5
	On-Site Watering Truck	8	1	0.7385	0.1566	5.9	1.3
	On-Site Flatbed Truck	8	4	0.7384	0.1565	23.6	5.0
	On-Site Pickup Truck	8	3	0.7384	0.1566	17.7	3.8
	On-Site Mechanics Truck	8	1	0.7385	0.1566	5.9	1.3
Conductor Total						**65.0**	**13.8**
Cleanup	On-Site Dump Truck	8	1	0.7385	0.1566	5.9	1.3
	On-Site Semi Tractor	8	1	0.7385	0.1566	5.9	1.3
	On-Site Flatbed Truck	8	1	0.7384	0.1565	5.9	1.3
	On-Site Pickup Truck	8	1	0.7384	0.1566	5.9	1.3
Cleanup Total						**23.6**	**5.0**
Off-Site Vehicles							
Marshalling Yards	Off-Site Construction Worker Commute	60	6	0.0009	0.0002	0.3	0.1
Foundations	Off-Site Construction Worker Commute	60	21	0.0009	0.0002	1.1	0.2
Steel	Off-Site Construction Worker Commute	60	22	0.0009	0.0002	1.2	0.2
Conductor	Off-Site Construction Worker Commute	60	14	0.0009	0.0002	0.8	0.1
Cleanup	Off-Site Construction Worker Commute	60	4	0.0009	0.0002	0.2	0.0

Note: Totals may not match sum of individual values because of rounding.

Table 15-D
Transmission Line Segment 2 Construction Daily Fugitive PM10 and PM2.5 Emissions

Phase	Activity	Units	Quantity/ Day	Emission Factors		Emissions (lb/day)	
				PM10	PM2.5	PM10	PM2.5
Marshalling Yards	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	0.0	0.348	0.072	0.0	0.0
Marshalling Yards Total						**0.0**	**0.0**
Foundations	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	0.0	0.348	0.072	0.0	0.0
Foundations Total						**0.0**	**0.0**
Steel	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	0.0	0.348	0.072	0.0	0.0
Steel Total						**0.0**	**0.0**
Conductor	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	0.0	0.348	0.072	0.0	0.0
Conductor Total						**0.0**	**0.0**
Cleanup	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	0.0	0.348	0.072	0.0	0.0
Cleanup Total						**0.0**	**0.0**

Note: Totals may not match sum of individual values because of rounding.

Table 16-A
Transmission Line Segment 3 Construction Daily CO Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
On-Site															
Equipment															
Marshalling Yards	1	27	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
Road Work	1	1	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	65.0	65.0	65.0	65.0	65.0	65.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	39.8	39.8	39.8	39.8	39.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**64.1**	**117.3**	**117.3**	**117.3**	**117.3**	**109.5**	**109.5**	**44.4**	**44.4**	**44.4**	**44.4**	**44.4**	**44.4**
Motor Vehicles															
Marshalling Yards	1	27	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Road Work	1	1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	5.4	5.4	5.4	5.4	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	3.9	3.9	3.9	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**4.8**	**9.7**	**9.7**	**9.7**	**9.7**	**7.1**	**7.1**	**1.8**	**1.8**	**1.8**	**1.8**	**1.8**	**1.8**
On-Site Total			**68.8**	**127.0**	**127.0**	**127.0**	**127.0**	**116.6**	**116.6**	**46.2**	**46.2**	**46.2**	**46.2**	**46.2**	**46.2**
Off-Site Motor Vehicles															
Marshalling Yards	1	27	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Road Work	1	1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	29.5	29.5	29.5	29.5	29.5	29.5	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	14.3	14.3	14.3	14.3	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**23.4**	**49.9**	**49.9**	**49.9**	**49.9**	**60.1**	**60.1**	**30.6**	**30.6**	**30.6**	**30.6**	**30.6**	**30.6**
Monthly Total			**92.3**	**176.9**	**176.9**	**176.9**	**176.9**	**176.7**	**176.7**	**76.7**	**76.7**	**76.7**	**76.7**	**76.7**	**76.7**
Maximum Daily Total (lb/day)			**209.6**												

Table 16-A (continued)
Transmission Line Segment 3 Construction Daily CO Emissions Summary

	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27
On-Site														
Equipment														
Marshalling Yards	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	31.9	31.9	31.9	31.9	31.9	31.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	112.8	112.8	112.8	112.8	112.8	112.8	112.8	112.8	112.8	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.3	42.3	42.3	42.3
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total	**44.4**	**44.4**	**44.4**	**44.4**	**157.2**	**157.2**	**125.3**	**125.3**	**125.3**	**125.3**	**167.6**	**167.6**	**167.6**	**54.8**
Motor Vehicles														
Marshalling Yards	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	1.3	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	6.8	6.8	6.8
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total	**1.8**	**1.8**	**1.8**	**1.8**	**4.5**	**4.5**	**3.2**	**3.2**	**3.2**	**3.2**	**9.9**	**9.9**	**9.9**	**7.2**
On-Site Total	**46.2**	**46.2**	**46.2**	**46.2**	**161.7**	**161.7**	**128.5**	**128.5**	**128.5**	**128.5**	**177.5**	**177.5**	**177.5**	**62.0**
Off-Site Motor Vehicles														
Marshalling Yards	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	24.4	24.4	24.4	24.4	24.4	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.1	6.1	6.1
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total	**30.6**	**30.6**	**30.6**	**30.6**	**47.9**	**47.9**	**23.4**	**23.4**	**23.4**	**23.4**	**29.5**	**29.5**	**29.5**	**12.2**
Monthly Total	**76.7**	**76.7**	**76.7**	**76.7**	**209.6**	**209.6**	**151.9**	**151.9**	**151.9**	**151.9**	**207.1**	**207.1**	**207.1**	**74.3**

Note: Totals may not match sum of individual values because of rounding.

Table 16-B
Transmission Line Segment 3 Construction Daily VOC Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
On-Site															
Equipment															
Marshalling Yards	1	27	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Road Work	1	1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	7.3	7.3	7.3	7.3	7.3	7.3	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	11.7	11.7	11.7	11.7	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**18.3**	**22.9**	**22.9**	**22.9**	**22.9**	**21.0**	**21.0**	**13.7**	**13.7**	**13.7**	**13.7**	**13.7**	**13.7**
Motor Vehicles															
Marshalling Yards	1	27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Road Work	1	1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.6**	**1.2**	**1.2**	**1.2**	**1.2**	**0.9**	**0.9**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**
On-Site Total			**18.8**	**24.1**	**24.1**	**24.1**	**24.1**	**21.9**	**21.9**	**13.9**	**13.9**	**13.9**	**13.9**	**13.9**	**13.9**
Off-Site Motor Vehicles															
Marshalling Yards	1	27	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Road Work	1	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**1.4**	**3.0**	**3.0**	**3.0**	**3.0**	**3.7**	**3.7**	**1.9**	**1.9**	**1.9**	**1.9**	**1.9**	**1.9**
Monthly Total			**20.3**	**27.1**	**27.1**	**27.1**	**27.1**	**25.6**	**25.6**	**15.8**	**15.8**	**15.8**	**15.8**	**15.8**	**15.8**
Maximum Daily Total (lb/day)			**31.5**												

Table 16-B (continued)
Transmission Line Segment 3 Construction Daily VOC Emissions Summary

	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27
On-Site														
Equipment														
Marshalling Yards	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	9.9	9.9	9.9	9.9	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total	**13.7**	**13.7**	**13.7**	**13.7**	**28.1**	**28.1**	**18.2**	**18.2**	**18.2**	**18.2**	**22.9**	**22.9**	**22.9**	**8.6**
Motor Vehicles														
Marshalling Yards	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.7
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total	**0.2**	**0.2**	**0.2**	**0.2**	**0.5**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**1.1**	**1.1**	**1.1**	**0.8**
On-Site Total	**13.9**	**13.9**	**13.9**	**13.9**	**28.6**	**28.6**	**18.5**	**18.5**	**18.5**	**18.5**	**24.0**	**24.0**	**24.0**	**9.4**
Off-Site Motor Vehicles														
Marshalling Yards	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total	**1.9**	**1.9**	**1.9**	**1.9**	**2.9**	**2.9**	**1.4**	**1.4**	**1.4**	**1.4**	**1.8**	**1.8**	**1.8**	**0.7**
Monthly Total	**15.8**	**15.8**	**15.8**	**15.8**	**31.5**	**31.5**	**19.9**	**19.9**	**19.9**	**19.9**	**25.8**	**25.8**	**25.8**	**10.1**

Note: Totals may not match sum of individual values because of rounding.

Table 16-C
Transmission Line Segment 3 Construction Daily NOx Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
On-Site															
Equipment															
Marshalling Yards	1	27	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
Road Work	1	1	25.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	76.3	76.3	76.3	76.3	76.3	76.3	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	110.0	110.0	110.0	110.0	110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**169.5**	**220.5**	**220.5**	**220.5**	**220.5**	**198.4**	**198.4**	**122.1**	**122.1**	**122.1**	**122.1**	**122.1**	**122.1**
Motor Vehicles															
Marshalling Yards	1	27	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Road Work	1	1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	7.0	7.0	7.0	7.0	7.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	3.6	3.6	3.6	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**5.4**	**11.5**	**11.5**	**11.5**	**11.5**	**8.7**	**8.7**	**1.8**	**1.8**	**1.8**	**1.8**	**1.8**	**1.8**
On-Site Total			**174.9**	**232.0**	**232.0**	**232.0**	**232.0**	**207.1**	**207.1**	**123.9**	**123.9**	**123.9**	**123.9**	**123.9**	**123.9**
Off-Site Motor Vehicles															
Marshalling Yards	1	27	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Road Work	1	1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	2.8	2.8	2.8	2.8	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**2.2**	**4.7**	**4.7**	**4.7**	**4.7**	**5.7**	**5.7**	**2.9**	**2.9**	**2.9**	**2.9**	**2.9**	**2.9**
Monthly Total			**177.2**	**236.7**	**236.7**	**236.7**	**236.7**	**212.8**	**212.8**	**126.8**	**126.8**	**126.8**	**126.8**	**126.8**	**126.8**
Maximum Daily Total (lb/day)			**252.8**												

Table 16-C (continued)
Transmission Line Segment 3 Construction Daily NOx Emissions Summary

	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27
On-Site														
Equipment														
Marshalling Yards	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	87.9	87.9	87.9	87.9	87.9	87.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	29.5	29.5	29.5
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total	**122.1**	**122.1**	**122.1**	**122.1**	**244.3**	**244.3**	**156.5**	**156.5**	**156.5**	**156.5**	**186.0**	**186.0**	**186.0**	**63.8**
Motor Vehicles														
Marshalling Yards	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	5.8	5.8	5.8
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total	**1.8**	**1.8**	**1.8**	**1.8**	**3.9**	**3.9**	**3.0**	**3.0**	**3.0**	**3.0**	**8.8**	**8.8**	**8.8**	**6.7**
On-Site Total	**123.9**	**123.9**	**123.9**	**123.9**	**248.2**	**248.2**	**159.5**	**159.5**	**159.5**	**159.5**	**194.8**	**194.8**	**194.8**	**70.4**
Off-Site Motor Vehicles														
Marshalling Yards	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	2.3	2.3	2.3	2.3	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.6
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total	**2.9**	**2.9**	**2.9**	**2.9**	**4.5**	**4.5**	**2.2**	**2.2**	**2.2**	**2.2**	**2.8**	**2.8**	**2.8**	**1.2**
Monthly Total	**126.8**	**126.8**	**126.8**	**126.8**	**252.8**	**252.8**	**161.7**	**161.7**	**161.7**	**161.7**	**197.6**	**197.6**	**197.6**	**71.6**

Note: Totals may not match sum of individual values because of rounding.

Table 16-D
Transmission Line Segment 3 Construction Daily SOx Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
On-Site															
Equipment															
Marshalling Yards	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Motor Vehicles															
Marshalling Yards	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
On-Site Total			**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Off-Site Motor Vehicles															
Marshalling Yards	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total			**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Maximum Daily Total (lb/day)			**0.3**												

Table 16-D (continued)
Transmission Line Segment 3 Construction Daily SOx Emissions Summary

	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27
On-Site														
Equipment														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.1**
Motor Vehicles														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
On-Site Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.1**
Off-Site Motor Vehicles														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Monthly Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**

Note: Totals may not match sum of individual values because of rounding.

Table 16-E
Transmission Line Segment 3 Construction Daily PM10 Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
On-Site															
Equipment															
Marshalling Yards	1	27	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Road Work	1	1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	2.1	2.1	2.1	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	4.8	4.8	4.8	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**7.4**	**8.4**	**8.4**	**8.4**	**8.4**	**7.7**	**7.7**	**5.6**	**5.6**	**5.6**	**5.6**	**5.6**	**5.6**
Motor Vehicle Exhaust															
Marshalling Yards	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.2**	**0.5**	**0.5**	**0.5**	**0.5**	**0.4**	**0.4**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Fugitive															
Marshalling Yards	1	27	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
Road Work	1	1	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	162.5	162.5	162.5	162.5	162.5	162.5	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	108.7	108.7	108.7	108.7	108.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Total			**162.1**	**297.1**	**297.1**	**297.1**	**297.1**	**221.4**	**221.4**	**58.9**	**58.9**	**58.9**	**58.9**	**58.9**	**58.9**
On-Site Total			**169.7**	**305.9**	**305.9**	**305.9**	**305.9**	**229.5**	**229.5**	**64.7**	**64.7**	**64.7**	**64.7**	**64.7**	**64.7**
Off-Site Motor Vehicle Exhaust and Fugitive															
Marshalling Yards	1	27	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Road Work	1	1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	1.7	1.7	1.7	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**1.3**	**2.8**	**2.8**	**2.8**	**2.8**	**3.4**	**3.4**	**1.7**	**1.7**	**1.7**	**1.7**	**1.7**	**1.7**
Monthly Total			**171.0**	**308.7**	**308.7**	**308.7**	**308.7**	**232.9**	**232.9**	**66.4**	**66.4**	**66.4**	**66.4**	**66.4**	**66.4**
Maximum Daily Total (lb/day)			**308.7**												

Table 16-E (continued)
Transmission Line Segment 3 Construction Daily PM10 Emissions Summary

	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27
On-Site														
Equipment														
Marshalling Yards	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	4.1	4.1	4.1	4.1	4.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total	**5.6**	**5.6**	**5.6**	**5.6**	**10.8**	**10.8**	**6.7**	**6.7**	**6.7**	**6.7**	**9.0**	**9.0**	**9.0**	**3.8**
Motor Vehicle Exhaust														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.3**	**0.3**	**0.3**	**0.3**
Fugitive														
Marshalling Yards	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	33.1	33.1	33.1	33.1	33.1	33.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.8	45.8	45.8	45.8
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Total	**58.9**	**58.9**	**58.9**	**58.9**	**132.9**	**132.9**	**99.8**	**99.8**	**99.8**	**99.8**	**145.7**	**145.7**	**145.7**	**71.7**
On-Site Total	**64.7**	**64.7**	**64.7**	**64.7**	**143.9**	**143.9**	**106.7**	**106.7**	**106.7**	**106.7**	**155.0**	**155.0**	**155.0**	**75.7**
Off-Site Motor Vehicle Exhaust and Fugitive														
Marshalling Yards	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total	**1.7**	**1.7**	**1.7**	**1.7**	**2.7**	**2.7**	**1.3**	**1.3**	**1.3**	**1.3**	**1.7**	**1.7**	**1.7**	**0.7**
Monthly Total	**66.4**	**66.4**	**66.4**	**66.4**	**146.6**	**146.6**	**108.0**	**108.0**	**108.0**	**108.0**	**156.6**	**156.6**	**156.6**	**76.4**

Note: Totals may not match sum of individual values because of rounding.

Table 16-F
Transmission Line Segment 3 Construction Daily PM2.5 Emissions Summary

	First Week	Last Week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
On-Site															
Equipment															
Marshalling Yards	1	27	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Road Work	1	1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	1.9	1.9	1.9	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	4.4	4.4	4.4	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total			**6.8**	**7.7**	**7.7**	**7.7**	**7.7**	**7.1**	**7.1**	**5.2**	**5.2**	**5.2**	**5.2**	**5.2**	**5.2**
Motor Vehicle Exhaust															
Marshalling Yards	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total			**0.2**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Fugitive															
Marshalling Yards	1	27	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Road Work	1	1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	34.4	34.4	34.4	34.4	34.4	34.4	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	23.0	23.0	23.0	23.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Total			**34.3**	**63.0**	**63.0**	**63.0**	**63.0**	**46.9**	**46.9**	**12.5**	**12.5**	**12.5**	**12.5**	**12.5**	**12.5**
On-Site Total			**41.4**	**71.1**	**71.1**	**71.1**	**71.1**	**54.3**	**54.3**	**17.7**	**17.7**	**17.7**	**17.7**	**17.7**	**17.7**
Off-Site Motor Vehicle Exhaust and Fugitive															
Marshalling Yards	1	27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Road Work	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	2	7	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Steel	6	19	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Conductor	18	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cleanup	24	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wreck-Out	1	5	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total			**0.3**	**0.6**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**
Monthly Total			**41.6**	**71.7**	**71.7**	**71.7**	**71.7**	**55.1**	**55.1**	**18.1**	**18.1**	**18.1**	**18.1**	**18.1**	**18.1**
Maximum Daily Total (lb/day)			**71.7**												

Table 16-F (continued)
Transmission Line Segment 3 Construction Daily PM2.5 Emissions Summary

	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27
On-Site														
Equipment														
Marshalling Yards	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0	2.0
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment Total	**5.2**	**5.2**	**5.2**	**5.2**	**9.9**	**9.9**	**6.1**	**6.1**	**6.1**	**6.1**	**8.1**	**8.1**	**8.1**	**3.4**
Motor Vehicle Exhaust														
Marshalling Yards	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Motor Vehicle Total	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.3**	**0.3**	**0.3**	**0.2**
Fugitive														
Marshalling Yards	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	7.0	7.0	7.0	7.0	7.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	9.7	9.7	9.7
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Total	**12.5**	**12.5**	**12.5**	**12.5**	**28.2**	**28.2**	**21.2**	**21.2**	**21.2**	**21.2**	**30.9**	**30.9**	**30.9**	**15.2**
On-Site Total	**17.7**	**17.7**	**17.7**	**17.7**	**38.2**	**38.2**	**27.4**	**27.4**	**27.4**	**27.4**	**39.3**	**39.3**	**39.3**	**18.8**
Off-Site Motor Vehicle Exhaust and Fugitive														
Marshalling Yards	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Road Work	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tower and Lugo Substation Foundation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Steel	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Conductor	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0
Cleanup	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
Wreck-Out	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Off-Site Total	**0.4**	**0.4**	**0.4**	**0.4**	**0.6**	**0.6**	**0.3**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.1**
Monthly Total	**18.1**	**18.1**	**18.1**	**18.1**	**38.8**	**38.8**	**27.7**	**27.7**	**27.7**	**27.7**	**39.6**	**39.6**	**39.6**	**19.0**

Note: Totals may not match sum of individual values because of rounding.

Table 17-A
Transmission Line Segment 3 Construction Equipment Emissions

Phase	Equipment Type	Fuel	Hours/Day	Number	Emission Factors (lb/hr)						Emissions (lb/day)					
					CO	VOC	NOx	SOx	PM10	PM2.5	CO	VOC	NOx	SOx	PM10	PM2.5
Construction Equipment																
Marshalling Yards	Crane, Hydraulic, Rough Terrain, 30 Ton	Diesel	5	1	0.4931	0.1344	1.0408	0.0009	0.0589	0.0541	2.5	0.7	5.2	0.0	0.3	0.3
	Loader, Front End, w/ Bucket	Diesel	1	1	0.6377	0.1657	1.3017	0.0012	0.0733	0.0674	0.6	0.2	1.3	0.0	0.1	0.1
	Forklift, 5 Ton	Diesel	7	1	0.3314	0.0852	0.6976	0.0007	0.0370	0.0341	2.3	0.6	4.9	0.0	0.3	0.2
	Forklift, 10 Ton	Diesel	5	1	0.3314	0.0852	0.6976	0.0007	0.0370	0.0341	1.7	0.4	3.5	0.0	0.2	0.2
	Truck, Flatbed w/Boom, 5 Ton	Diesel	7	2	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	5.4	1.9	19.4	0.0	0.7	0.7
Marshalling Yards Total											**12.5**	**3.8**	**34.3**	**0.0**	**1.6**	**1.4**
Road Work	Crawler, Track Type, w/ Blade (D8 type)	Diesel	8	1	1.4035	0.3172	3.0282	0.0025	0.1221	0.1123	11.2	2.5	24.2	0.0	1.0	0.9
	Motor Grader	Diesel	1	1	0.5580	0.1778	1.0396	0.0009	0.0947	0.0871	0.6	0.2	1.0	0.0	0.1	0.1
Road Work Total											**11.8**	**2.7**	**25.3**	**0.0**	**1.1**	**1.0**
Tower and Lugo Substation Foundation	Drill Rig, Truck Mount	Diesel	7.5	3	0.3499	0.1054	1.4592	0.0021	0.0409	0.0376	7.9	2.4	32.8	0.0	0.9	0.8
	Truck, Flatbed w/Boom, 5 Ton	Diesel	5	2	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	3.9	1.4	13.9	0.0	0.5	0.5
	Crawler, Track Type, Drill Rig, Pneumatic	Diesel	2	1	1.4035	0.3172	3.0282	0.0025	0.1221	0.1123	2.8	0.6	6.1	0.0	0.2	0.2
	Loader, Front End, w/ Bucket	Diesel	3.5	1	0.6377	0.1657	1.3017	0.0012	0.0733	0.0674	2.2	0.6	4.6	0.0	0.3	0.2
	Generator	Gasoline	7.5	4	1.6086	0.0776	0.6324	0.0005	0.0043	0.0033	48.3	2.3	19.0	0.0	0.1	0.1
Tower and Lugo Substation Foundation Total											**65.0**	**7.3**	**76.3**	**0.1**	**2.1**	**1.9**
Steel	Crane, Hydraulic, 150 Ton	Diesel	9	2	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	7.0	2.5	24.9	0.0	1.0	0.9
	Crane, Hydraulic, Rough Terrain, 30 Ton	Diesel	9	3	0.4931	0.1344	1.0408	0.0009	0.0589	0.0541	13.3	3.6	28.1	0.0	1.6	1.5
	Truck, Flatbed w/Boom, 5 Ton	Diesel	9	2	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	7.0	2.5	24.9	0.0	1.0	0.9
	Crawler, Track Type, w/ Blade (D6 type)	Diesel	6	1	0.7727	0.2144	1.6459	0.0014	0.0937	0.0862	4.6	1.3	9.9	0.0	0.6	0.5
Steel Total											**31.9**	**9.9**	**87.9**	**0.1**	**4.1**	**3.7**
Conductor	Truck, Flatbed w/Boom, 5 Ton	Diesel	9	3	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	10.5	3.8	37.4	0.0	1.4	1.3
	Tension Machine	Diesel	2.5	1	0.5927	0.1355	1.1441	0.0012	0.0605	0.0557	1.5	0.3	2.9	0.0	0.2	0.1
	Truck, Wire Puller, 3 Drum	Diesel	2.5	1	0.7059	0.1942	2.2750	0.0025	0.0769	0.0708	1.8	0.5	5.7	0.0	0.2	0.2
	Truck, Wire Puller, 1 Drum (OVHD Gr. Wr.)	Diesel	2.5	1	0.7059	0.1942	2.2750	0.0025	0.0769	0.0708	1.8	0.5	5.7	0.0	0.2	0.2
	Compressor	Gasoline	5	1	5.8528	0.1632	0.0952	0.0002	0.0756	0.0571	29.3	0.8	0.5	0.0	0.4	0.3
	Crawler, Track Type, w/ Blade (D8 type)	Diesel	2.5	1	1.4035	0.3172	3.0282	0.0025	0.1221	0.1123	3.5	0.8	7.6	0.0	0.3	0.3
	Crawler, Track Type, Sagging (D8 type)	Diesel	4	1	1.4035	0.3172	3.0282	0.0025	0.1221	0.1123	5.6	1.3	12.1	0.0	0.5	0.4
	Backhoe, w/Bucket	Diesel	3.5	1	0.3700	0.1082	0.6504	0.0006	0.0594	0.0547	1.3	0.4	2.3	0.0	0.2	0.2
	Digger, Transmission Type, Truck Mount	Diesel	1	1	0.9000	0.3074	2.9473	0.0025	0.1226	0.1128	0.9	0.3	2.9	0.0	0.1	0.1
	Crane, Hydraulic, Rough Terrain, 30 Ton	Diesel	9	3	0.4931	0.1344	1.0408	0.0009	0.0589	0.0541	13.3	3.6	28.1	0.0	1.6	1.5
	Generator	Gasoline	9	3	1.6086	0.0776	0.6324	0.0005	0.0043	0.0033	43.4	2.1	17.1	0.0	0.1	0.1
Conductor Total											**112.8**	**14.4**	**122.2**	**0.1**	**5.2**	**4.7**
Cleanup	Truck, Flatbed w/Boom, 5 Ton	Diesel	5	1	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	1.9	0.7	6.9	0.0	0.3	0.2
	Backhoe, w/Bucket	Diesel	3	1	0.3700	0.1082	0.6504	0.0006	0.0594	0.0547	1.1	0.3	2.0	0.0	0.2	0.2
	Compressor	Gasoline	5	1	5.8528	0.1632	0.0952	0.0002	0.0756	0.0571	29.3	0.8	0.5	0.0	0.4	0.3
	Crawler, Track Type, w/ Blade (D6 type)	Diesel	7.5	1	0.7727	0.2144	1.6459	0.0014	0.0937	0.0862	5.8	1.6	12.3	0.0	0.7	0.6
	Motor Grader	Diesel	7.5	1	0.5580	0.1778	1.0396	0.0009	0.0947	0.0871	4.2	1.3	7.8	0.0	0.7	0.7
Cleanup Total											**42.3**	**4.8**	**29.5**	**0.0**	**2.2**	**2.0**
Wreck-Out	Truck, Flatbed w/Boom, 5 Ton	Diesel	9	2	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	7.0	2.5	24.9	0.0	1.0	0.9
	Truck, Wire Puller, 1 Drum	Diesel	9	1	0.7059	0.1942	2.2750	0.0025	0.0769	0.0708	6.4	1.7	20.5	0.0	0.7	0.6
	Crawler, Track Type, w/ Blade (D6 type)	Diesel	9	1	0.7727	0.2144	1.6459	0.0014	0.0937	0.0862	7.0	1.9	14.8	0.0	0.8	0.8
	Truck, Manlift	Diesel	9	3	0.3877	0.1391	1.3855	0.0013	0.0534	0.0492	10.5	3.8	37.4	0.0	1.4	1.3
	Backhoe, w/Bucket	Diesel	9	1	0.3700	0.1082	0.6504	0.0006	0.0594	0.0547	3.3	1.0	5.9	0.0	0.5	0.5
	Crane, Hydraulic, Rough Terrain, 30 Ton	Diesel	5	1	0.4931	0.1344	1.0408	0.0009	0.0589	0.0541	2.5	0.7	5.2	0.0	0.3	0.3
	Generator	Gasoline	1	2	1.6086	0.0776	0.6324	0.0005	0.0043	0.0033	3.2	0.2	1.3	0.0	0.0	0.0
Wreck-Out Total											**39.8**	**11.7**	**110.0**	**0.1**	**4.8**	**4.4**

Note: Totals may not match sum of individual values because of rounding.

Table 17-B
Transmission Line Segment 3 Construction Motor Vehicle Exhaust Emissions

Phase	Vehicle Type	Fuel	Miles/Day	Number	Emission Factors (lb/hr)						Emissions (lb/day)					
					CO	VOC	NOx	SOx	PM10	PM2.5	CO	VOC	NOx	SOx	PM10	PM2.5
On-site Vehicles																
Marshalling Yards	On-Site Semi Tractor	Diesel	5	3	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.2	0.0	0.6	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	5	3	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.3	0.0	0.0	0.0	0.0	0.0
	On-Site Dump Truck	Diesel	5	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.2	0.0	0.0	0.0
Marshalling Yards Total											**0.5**	**0.1**	**0.9**	**0.0**	**0.0**	**0.0**
Road Work	On-Site Semi Tractor	Diesel	11	2	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.2	0.1	0.9	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	11	1	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.2	0.0	0.0	0.0	0.0	0.0
Road Work Total											**0.4**	**0.1**	**0.9**	**0.0**	**0.0**	**0.0**
Tower and Lugo Substation Foundation	On-Site Flatbed Truck, 5 Ton	Gasoline	11	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	1.7	0.1	0.3	0.0	0.0	0.0
	On-Site Cement Trucks	Diesel	11	8	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.9	0.3	3.7	0.0	0.2	0.1
	On-Site Semi Tractor	Diesel	11	2	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.2	0.1	0.9	0.0	0.0	0.0
	On-Site Dump Truck	Diesel	11	2	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.2	0.1	0.9	0.0	0.0	0.0
	On-Site Watering Truck	Diesel	11	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.5	0.0	0.0	0.0
	On-Site Mechanics Truck	Diesel	11	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.5	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	11	2	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.4	0.0	0.0	0.0	0.0	0.0
	On-Site Flatbed Truck	Gasoline	11	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	1.7	0.1	0.3	0.0	0.0	0.0
Tower and Lugo Substation Foundation Total											**5.4**	**0.7**	**7.0**	**0.0**	**0.3**	**0.3**
Steel	On-Site Flatbed Truck, 2 Ton	Gasoline	3	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.5	0.0	0.1	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	3	4	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.2	0.0	0.0	0.0	0.0	0.0
	On-Site Flatbed Truck	Gasoline	3	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.5	0.0	0.1	0.0	0.0	0.0
	On-Site Semi Tractor	Diesel	3	4	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.5	0.0	0.0	0.0
	On-Site Watering Truck	Diesel	3	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.0	0.0	0.1	0.0	0.0	0.0
	On-Site Mechanics Truck	Diesel	3	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.0	0.0	0.1	0.0	0.0	0.0
Steel Total											**1.3**	**0.1**	**0.9**	**0.0**	**0.0**	**0.0**
Conductor	On-Site Semi Tractor	Diesel	11	2	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.2	0.1	0.9	0.0	0.0	0.0
	On-Site Watering Truck	Diesel	11	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.5	0.0	0.0	0.0
	On-Site Flatbed Truck	Gasoline	11	2	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	1.7	0.1	0.3	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	11	3	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.6	0.0	0.1	0.0	0.0	0.0
	On-Site Mechanics Truck	Diesel	11	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.5	0.0	0.0	0.0
Conductor Total											**2.7**	**0.3**	**2.1**	**0.0**	**0.1**	**0.1**
Cleanup	On-Site Dump Truck	Diesel	11	2	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.2	0.1	0.9	0.0	0.0	0.0
	On-Site Semi Tractor	Diesel	11	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.5	0.0	0.0	0.0
	On-Site Flatbed Truck	Gasoline	11	1	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	0.8	0.1	0.1	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	11	1	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.2	0.0	0.0	0.0	0.0	0.0
Cleanup Total											**6.8**	**0.7**	**5.8**	**0.0**	**0.2**	**0.2**
Wreck-Out	On-Site Dump Truck	Diesel	11	2	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.2	0.1	0.9	0.0	0.0	0.0
	On-Site Watering Truck	Diesel	11	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.5	0.0	0.0	0.0
	On-Site Flatbed Truck, 5 Ton	Gasoline	11	3	0.0757	0.0052	0.0122	0.0000	0.0000	0.0000	2.5	0.2	0.4	0.0	0.0	0.0
	On-Site Semi Tractor	Diesel	11	3	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.4	0.1	1.4	0.0	0.1	0.1
	On-Site Mechanics Truck	Diesel	11	1	0.0107	0.0030	0.0415	0.0000	0.0018	0.0017	0.1	0.0	0.5	0.0	0.0	0.0
	On-Site Pickup Truck	Gasoline	11	3	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	0.6	0.0	0.1	0.0	0.0	0.0
Wreck-Out Total											**3.9**	**0.4**	**3.6**	**0.0**	**0.1**	**0.1**
Off-Site Vehicles																
Marshalling Yards	Off-Site Construction Worker Commute	Gasoline	60	6	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	6.1	0.4	0.6	0.0	0.0	0.0
Road Work	Off-Site Construction Worker Commute	Gasoline	60	3	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	3.1	0.2	0.3	0.0	0.0	0.0
Tower and Lugo Substation Foundation	Off-Site Construction Worker Commute	Gasoline	60	29	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	29.5	1.8	2.8	0.0	0.1	0.1
Steel	Off-Site Construction Worker Commute	Gasoline	60	24	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	24.4	1.5	2.3	0.0	0.1	0.1
Conductor	Off-Site Construction Worker Commute	Gasoline	60	17	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	17.3	1.1	1.6	0.0	0.0	0.0
Cleanup	Off-Site Construction Worker Commute	Gasoline	60	6	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	6.1	0.4	0.6	0.0	0.0	0.0
Wreck-Out	Off-Site Construction Worker Commute	Gasoline	60	14	0.0170	0.0010	0.0016	0.0000	0.0000	0.0000	14.3	0.9	1.4	0.0	0.0	0.0

Note: Totals may not match sum of individual values because of rounding.

Table 17-C
Transmission Line Segment 3 Construction Motor Vehicle Fugitive PM10 and PM2.5 Emissions

Phase	Vehicle Type	Miles/Day	Number	Emission Factors (lb/mi)		Emissions (lb/day)	
				PM10	PM2.5	PM10	PM2.5
On-site Vehicles							
Marshalling Yards	On-Site Semi Tractor	5	3	0.7385	0.1566	11.1	2.3
	On-Site Pickup Truck	5	3	0.7384	0.1566	11.1	2.3
	On-Site Dump Truck	5	1	0.7385	0.1566	3.7	0.8
Marshalling Yards Total						**25.8**	**5.5**
Road Work	On-Site Semi Tractor	11	2	0.7385	0.1566	16.2	3.4
	On-Site Pickup Truck	11	1	0.7384	0.1566	8.1	1.7
Road Work Total						**24.4**	**5.2**
Tower and Lugo Substation Foundation	On-Site Flatbed Truck, 5 Ton	11	2	0.7384	0.1565	16.2	3.4
	On-Site Cement Trucks	11	8	0.7385	0.1566	65.0	13.8
	On-Site Semi Tractor	11	2	0.7385	0.1566	16.2	3.4
	On-Site Dump Truck	11	2	0.7385	0.1566	16.2	3.4
	On-Site Watering Truck	11	1	0.7385	0.1566	8.1	1.7
	On-Site Mechanics Truck	11	1	0.7385	0.1566	8.1	1.7
	On-Site Pickup Truck	11	2	0.7384	0.1566	16.2	3.4
	On-Site Flatbed Truck	11	2	0.7384	0.1565	16.2	3.4
Tower and Lugo Substation Foundation Total						**162.5**	**34.4**
Steel	On-Site Flatbed Truck, 2 Ton	3	2	0.7384	0.1565	4.4	0.9
	On-Site Pickup Truck	3	4	0.7384	0.1566	8.9	1.9
	On-Site Flatbed Truck	3	2	0.7384	0.1565	4.4	0.9
	On-Site Semi Tractor	3	4	0.7385	0.1566	8.9	1.9
	On-Site Watering Truck	3	1	0.7385	0.1566	2.2	0.5
	On-Site Mechanics Truck	3	1	0.7385	0.1566	2.2	0.5
Steel Total						**31.0**	**6.6**
Conductor	On-Site Semi Tractor	11	2	0.7385	0.1566	16.2	3.4
	On-Site Watering Truck	11	1	0.7385	0.1566	8.1	1.7
	On-Site Flatbed Truck	11	2	0.7384	0.1565	16.2	3.4
	On-Site Pickup Truck	11	3	0.7384	0.1566	24.4	5.2
	On-Site Mechanics Truck	11	1	0.7385	0.1566	8.1	1.7
Conductor Total						**73.1**	**15.5**
Cleanup	On-Site Dump Truck	11	2	0.7385	0.1566	16.2	3.4
	On-Site Semi Tractor	11	1	0.7385	0.1566	8.1	1.7
	On-Site Flatbed Truck	11	1	0.7384	0.1565	8.1	1.7
	On-Site Pickup Truck	11	1	0.7384	0.1566	8.1	1.7
Cleanup Total						**40.6**	**8.6**
Wreck-Out	On-Site Dump Truck	11	2	0.7385	0.1566	16.2	3.4
	On-Site Watering Truck	11	1	0.7385	0.1566	8.1	1.7
	On-Site Flatbed Truck, 5 Ton	11	3	0.7384	0.1565	24.4	5.2
	On-Site Semi Tractor	11	3	0.7385	0.1566	24.4	5.2
	On-Site Mechanics Truck	11	1	0.7385	0.1566	8.1	1.7
	On-Site Pickup Truck	11	3	0.7384	0.1566	24.4	5.2
Wreck-Out Total						**105.6**	**22.4**
Off-Site Vehicles							
Marshalling Yards	Off-Site Construction Worker Commute	60	6	0.0009	0.0002	0.3	0.1
Road Work	Off-Site Construction Worker Commute	60	3	0.0009	0.0002	0.2	0.0
Tower and Lugo Substation Foundation	Off-Site Construction Worker Commute	60	29	0.0009	0.0002	1.6	0.3
Steel	Off-Site Construction Worker Commute	60	24	0.0009	0.0002	1.3	0.2
Conductor	Off-Site Construction Worker Commute	60	17	0.0009	0.0002	0.9	0.2
Cleanup	Off-Site Construction Worker Commute	60	6	0.0009	0.0002	0.3	0.1
Wreck-Out	Off-Site Construction Worker Commute	60	14	0.0009	0.0002	0.8	0.1

Note: Totals may not match sum of individual values because of rounding.

Table 17-D
Transmission Line Segment 3 Construction Daily Fugitive PM10 and PM2.5 Emissions

Phase	Activity	Units	Quantity/ Day	Emission Factors		Emissions (lb/day)	
				PM10	PM2.5	PM10	PM2.5
Marshalling Yards	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	0.0	0.348	0.072	0.0	0.0
Marshalling Yards Total						**0.0**	**0.0**
Road Work	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	9.0	0.348	0.072	3.1	0.7
Road Work Total						**3.1**	**0.7**
Tower and Lugo Substation Foundation	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	0.0	0.348	0.072	0.0	0.0
Tower and Lugo Substation Foundation Total						**0.0**	**0.0**
Steel	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	6.0	0.348	0.072	2.1	0.4
Steel Total						**2.1**	**0.4**
Conductor	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	2.5	0.348	0.072	0.9	0.2
Conductor Total						**0.9**	**0.2**
Cleanup	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	15.0	0.348	0.072	5.2	1.1
Cleanup Total						**5.2**	**1.1**
Wreck-Out	Excavation	Cu. Yd.	0	4.97E-04	1.03E-04	0.0	0.0
	Storage Pile Wind Erosion	Acres-Days	0.00	2.93	0.61	0.0	0.0
	Bulldozing and Grading	Hours	9.0	0.348	0.072	3.1	0.7
Wreck-Out Total						**3.1**	**0.7**

Note: Totals may not match sum of individual values because of rounding.

Table 18
Construction Equipment Exhaust Emission Factors

Equipment Type	Fuel	Horsepower	ARB Off-Road Model Category	CO (lb/hr)[a]	VOC (lb/hr)[a]	NO_X (lb/hr)[a]	SO_X (lb/hr)[a]	PM10 (lb/hr)[a]	PM2.5 (lb/hr)[b]
Air Compressor, Ingersoll-Rand	Diesel	80	Air Compressors	0.338	0.110	0.647	0.001	0.057	0.053
Asphalt Paver, Cat A-8008	Diesel	102	Pavers	0.535	0.182	1.065	0.001	0.092	0.085
Backhoe	Diesel	48	Tractors/Loaders/Backhoes	0.383	0.154	0.322	0.000	0.036	0.033
Backhoe, Cat, 420E	Diesel	89	Tractors/Loaders/Backhoes	0.370	0.108	0.650	0.001	0.059	0.055
Compactor, Cat CS-563	Diesel	145	Rollers	0.634	0.165	1.342	0.001	0.072	0.066
Compressor, 250 cfm	Diesel	80	Air Compressors	0.338	0.110	0.647	0.001	0.057	0.053
Crane, 150-Ton, Manitowoc	Diesel	250	Cranes	0.388	0.139	1.386	0.001	0.053	0.049
Crane, 20-Ton, TR400	Diesel	185	Cranes	0.388	0.139	1.386	0.001	0.053	0.049
Crane, 225-Ton, Manitowoc, 4100W	Diesel	350	Cranes	0.775	0.201	1.986	0.002	0.077	0.071
Crane, 40-Ton, Grove, TR700B	Diesel	220	Cranes	0.388	0.139	1.386	0.001	0.053	0.049
Crane, 5 ton	Diesel	62	Cranes	0.380	0.126	0.727	0.001	0.066	0.061
Dozer	Diesel	200	Crawler Tractors	0.635	0.226	2.163	0.002	0.088	0.081
Scraper, CAT 657G, Tractor Engine	Diesel	564	Scrapers	0.981	0.253	2.406	0.006	0.106	0.098
Scraper, CAT 657G, Scraper Engine	Diesel	410	Scrapers	0.569	0.147	1.395	0.003	0.061	0.057
Loader, Cat, 938F	Diesel	140	Rubber Tired Loaders	0.638	0.166	1.302	0.001	0.073	0.067
Motor Grader, Cat 135H	Diesel	135	Graders	0.748	0.195	1.529	0.001	0.086	0.079
Pipelayer, Cat 561N	Diesel	123	Cranes	0.493	0.134	1.041	0.001	0.059	0.054
Roller, 5 ton	Diesel	70	Rollers	0.427	0.136	0.820	0.001	0.070	0.065
Tractor/Loader/Backhoe	Diesel	80	Tractors/Loaders/Backhoes	0.370	0.108	0.650	0.001	0.059	0.055
Trencher, Cat 140G	Diesel	54	Trenchers	0.496	0.168	0.995	0.001	0.084	0.077
Truck, Concrete Pump, International	Diesel	190	Off-Highway Trucks	0.479	0.182	1.860	0.002	0.066	0.061
Vibratory Compactor	Diesel	70	Rollers	0.427	0.136	0.820	0.001	0.070	0.065
Welder	Diesel	35	Welders	0.311	0.133	0.278	0.000	0.031	0.028
Welder, Multiquip, BLW-300SS	Diesel	23	Welders	0.070	0.028	0.113	0.000	0.008	0.008
Welder, Multiquip, GA 3800	Gasoline	7.5	Welders	3.851	0.143	0.051	0.000	0.041	0.031
On-Site Watering Truck	Diesel	250	Off-Highway Trucks	0.479	0.182	1.860	0.002	0.066	0.061
Backhoe, w/Bucket	Diesel	85	Tractors/Loaders/Backhoes	0.370	0.108	0.650	0.001	0.059	0.055
Compressor	Gasoline	20	Air Compressors	5.853	0.163	0.095	0.000	0.076	0.057
Concrete Pumper	Diesel	85	Other Construction Equipment	0.553	0.157	0.988	0.001	0.084	0.077
Crane, Hydraulic, 150 Ton	Diesel	250	Cranes	0.388	0.139	1.386	0.001	0.053	0.049
Crane, Hydraulic, Rough Terrain, 30 Ton	Diesel	125	Cranes	0.493	0.134	1.041	0.001	0.059	0.054
Crane, Hydraulic, Rough Terrain, 35 Ton	Diesel	150	Cranes	0.493	0.134	1.041	0.001	0.059	0.054
Crawler, Track Type, Drill Rig, Pneumatic	Diesel	305	Crawler Tractors	1.403	0.317	3.028	0.003	0.122	0.112
Crawler, Track Type, Sagging (D8 type)	Diesel	305	Crawler Tractors	1.403	0.317	3.028	0.003	0.122	0.112
Crawler, Track Type, w/ Blade (D6 type)	Diesel	165	Crawler Tractors	0.773	0.214	1.646	0.001	0.094	0.086
Crawler, Track Type, w/ Blade (D8 type)	Diesel	305	Crawler Tractors	1.403	0.317	3.028	0.003	0.122	0.112
Digger, Transmission Type, Truck Mount	Diesel	190	Trenchers	0.900	0.307	2.947	0.003	0.123	0.113

Table 18
Construction Equipment Exhaust Emission Factors

Equipment Type	Fuel	Horsepower	ARB Off-Road Model Category	CO (lb/hr)[a]	VOC (lb/hr)[a]	NO_X (lb/hr)[a]	SO_X (lb/hr)[a]	PM10 (lb/hr)[a]	PM2.5 (lb/hr)[b]
Drill Rig, Truck Mount	Diesel	190	Bore/Drill Rigs	0.350	0.105	1.459	0.002	0.041	0.038
Forklift, 10 Ton	Diesel	85	Forklifts	0.331	0.085	0.698	0.001	0.037	0.034
Forklift, 5 Ton	Diesel	75	Forklifts	0.331	0.085	0.698	0.001	0.037	0.034
Loader, Front End, w/ Bucket	Diesel	145	Rubber Tired Loaders	0.638	0.166	1.302	0.001	0.073	0.067
Motor Grader	Diesel	110	Graders	0.558	0.178	1.040	0.001	0.095	0.087
Generator	Gasoline	5	Generator Sets	1.609	0.078	0.632	0.001	0.004	0.003
Tension Machine	Diesel	135	Other Construction Equipment	0.593	0.136	1.144	0.001	0.061	0.056
Truck, Flatbed w/Boom, 5 Ton	Diesel	235	Cranes	0.388	0.139	1.386	0.001	0.053	0.049
Truck, Boom	Diesel	310	Cranes	0.775	0.201	1.986	0.002	0.077	0.071
Truck, Flatbed, w/ Bucket, 5 Ton	Diesel	235	Cranes	0.388	0.139	1.386	0.001	0.053	0.049
Truck, Manlift	Diesel	235	Cranes	0.388	0.139	1.386	0.001	0.053	0.049
Truck, Wire Puller, 1 Drum	Diesel	310	Other Construction Equipment	0.706	0.194	2.275	0.002	0.077	0.071
Truck, Wire Puller, 1 Drum (OVHD Gr. Wr.)	Diesel	310	Other Construction Equipment	0.706	0.194	2.275	0.002	0.077	0.071
Truck, Wire Puller, 3 Drum	Diesel	310	Other Construction Equipment	0.706	0.194	2.275	0.002	0.077	0.071

[a] From Table 19 for diesel and Table 20 for gasoline for all except scrapers. Scrapers are from Table 21 and are for 2006 model year.

[b] Diesel PM2.5 emission factor [lb/hr] = PM10 emission factor [lb/hr] x PM2.5 fraction of PM10

PM2.5 Fraction of PM10 in Diesel Engine Exhaust = 0.920 from Appendix A, Final–Methodology to Calculate Particulate Matter (PM) 2.5

PM2.5 Fraction of PM10 in Gasoline Engine Exhaust = 0.756 and PM 2.5 Significance Thresholds, SCAQMD, October 2006

Emissions [pounds per day] = Emission factor [pounds per hour] x Number pieces of equipment x Operating time for each piece [hours per day]

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
A/C Tug Narrow Body	0	250	0.8371	2.6257	0.1156	0.0020	0.2885
A/C Tug Wide Body	0	500	2.6545	4.5430	0.1925	0.0033	0.4864
A/C unit	0	120	0.4974	0.9650	0.0724	0.0009	0.1483
A/C unit	121	250	0.4459	1.6868	0.0539	0.0018	0.1427
A/C unit	251	500	0.7733	2.3518	0.0760	0.0023	0.1955
Aerial Lifts	0	15	0.0533	0.0734	0.0048	0.0001	0.0113
Aerial Lifts	16	25	0.0640	0.1070	0.0077	0.0001	0.0247
Aerial Lifts	26	50	0.1998	0.2030	0.0202	0.0003	0.0824
Aerial Lifts	51	120	0.2535	0.4882	0.0384	0.0004	0.0774
Aerial Lifts	121	500	0.6760	2.1014	0.0662	0.0021	0.1700
Aerial Lifts	501	750	1.2219	3.8922	0.1213	0.0039	0.3164
Agricultural Mowers	0	120	0.2330	0.4542	0.0346	0.0004	0.0704
Agricultural Tractors	0	15	0.0643	0.0781	0.0048	0.0002	0.0124
Agricultural Tractors	16	25	0.0853	0.1708	0.0101	0.0003	0.0267
Agricultural Tractors	26	50	0.3801	0.3631	0.0376	0.0004	0.1597
Agricultural Tractors	51	120	0.4975	0.9684	0.0770	0.0009	0.1540
Agricultural Tractors	121	175	0.6862	1.4739	0.0733	0.0014	0.1732
Agricultural Tractors	176	250	0.5076	1.9736	0.0654	0.0020	0.1708
Agricultural Tractors	251	500	1.0195	2.9526	0.0984	0.0029	0.2510
Air Compressors	0	15	0.0528	0.0893	0.0067	0.0001	0.0156
Air Compressors	16	25	0.0899	0.1443	0.0108	0.0002	0.0356
Air Compressors	26	50	0.2881	0.2433	0.0280	0.0003	0.1251
Air Compressors	51	120	0.3383	0.6466	0.0573	0.0006	0.1102
Air Compressors	121	175	0.5122	1.0946	0.0595	0.0010	0.1369
Air Compressors	176	250	0.3818	1.5235	0.0521	0.0015	0.1367
Air Compressors	251	500	0.8032	2.4147	0.0836	0.0023	0.2150
Air Compressors	501	750	1.2413	3.8243	0.1309	0.0036	0.3386
Air Compressors	751	1000	2.1359	6.3396	0.1953	0.0049	0.5699
Air Conditioner	0	175	0.7701	1.3497	0.0692	0.0016	0.1488
Air Conditioner	176	250	0.3969	1.8152	0.0488	0.0023	0.1273
Air Conditioner	251	500	0.7716	3.0789	0.0908	0.0047	0.2204
Air Start Unit	0	175	0.7933	1.6718	0.0783	0.0015	0.1873

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Air Start Unit	176	250	0.5788	2.2580	0.0705	0.0021	0.1861
Air Start Unit	251	500	1.2774	4.1339	0.1315	0.0042	0.3355
Air Start Unit	501	750	1.9162	6.3513	0.1997	0.0064	0.5183
Aircraft Support	0	120	0.3349	0.6497	0.0488	0.0006	0.0998
Aircraft Support	121	175	0.5559	1.1973	0.0556	0.0012	0.1345
Baggage Tug	0	120	0.3938	0.8009	0.0715	0.0006	0.1415
Balers	0	50	0.2927	0.3631	0.0307	0.0005	0.1115
Balers	51	120	0.3388	0.6619	0.0448	0.0006	0.0955
Belt Loader	0	120	0.2617	0.5244	0.0463	0.0004	0.0910
Bobtail	0	120	0.5795	1.1688	0.0987	0.0009	0.1974
Bore/Drill Rigs	0	15	0.0631	0.0767	0.0047	0.0002	0.0122
Bore/Drill Rigs	16	25	0.0673	0.1342	0.0080	0.0002	0.0210
Bore/Drill Rigs	26	50	0.2732	0.2896	0.0253	0.0004	0.0812
Bore/Drill Rigs	51	120	0.4930	0.7556	0.0597	0.0009	0.1020
Bore/Drill Rigs	121	175	0.7534	1.1459	0.0584	0.0016	0.1203
Bore/Drill Rigs	176	250	0.3499	1.4592	0.0409	0.0021	0.1054
Bore/Drill Rigs	251	500	0.5626	2.0209	0.0639	0.0031	0.1564
Bore/Drill Rigs	501	750	1.1116	4.1834	0.1294	0.0062	0.3200
Bore/Drill Rigs	751	1000	1.8088	9.2646	0.2296	0.0093	0.6282
Cargo Loader	0	120	0.4647	0.9015	0.0802	0.0007	0.1542
Cargo Tractor	0	120	0.4469	0.8514	0.0788	0.0007	0.1486
Cart	0	120	0.3989	0.7739	0.0581	0.0007	0.1189
Cart	121	175	0.6076	1.3084	0.0607	0.0013	0.1470
Cart	176	250	0.4223	1.5976	0.0511	0.0017	0.1351
Catering Truck	0	250	0.3185	1.4334	0.0384	0.0018	0.1001
Cement and Mortar Mixers	0	15	0.0394	0.0561	0.0037	0.0001	0.0087
Cement and Mortar Mixers	16	25	0.1037	0.1721	0.0125	0.0002	0.0402
Chippers/Stump Grinders	0	25	0.0832	0.1643	0.0097	0.0003	0.0252
Chippers/Stump Grinders	26	120	0.5123	0.9833	0.0786	0.0009	0.1562
Chippers/Stump Grinders	121	175	0.7155	1.5281	0.0753	0.0015	0.1780
Chippers/Stump Grinders	176	250	0.6393	2.4417	0.0815	0.0025	0.2128
Chippers/Stump Grinders	251	500	0.8251	2.4715	0.0832	0.0024	0.2124

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Chippers/Stump Grinders	501	750	1.9863	6.0881	0.2025	0.0060	0.5238
Chippers/Stump Grinders	751	1000	3.4758	10.4991	0.3221	0.0085	0.9222
Combines	0	120	0.5973	1.1664	0.0811	0.0011	0.1710
Combines	121	175	0.6336	1.3630	0.0592	0.0014	0.1467
Combines	176	250	0.4525	1.7976	0.0519	0.0020	0.1401
Combines	251	500	0.6722	2.3039	0.0679	0.0024	0.1764
Commercial Turf Equipment	0	15	0.0589	0.0735	0.0047	0.0002	0.0105
Commercial Turf Equipment	16	25	0.0596	0.1137	0.0068	0.0002	0.0177
Communications	0	50	0.2909	0.3094	0.0295	0.0004	0.1179
Communications	51	120	0.3940	0.7644	0.0574	0.0007	0.1174
Compressor (Dredging)	0	50	0.3962	0.3312	0.0383	0.0004	0.1725
Compressor (Dredging)	51	120	0.4143	0.7986	0.0699	0.0007	0.1349
Compressor (Dredging)	121	175	0.5650	1.2134	0.0655	0.0011	0.1511
Compressor (Dredging)	176	250	0.3936	1.4645	0.0537	0.0014	0.1384
Compressor (Dredging)	251	500	0.7484	2.0959	0.0770	0.0019	0.1964
Compressor (Dredging)	501	1000	2.2290	6.3770	0.1973	0.0049	0.5788
Compressor (Entertainment)	0	120	0.2529	0.4876	0.0427	0.0004	0.0824
Compressor (GSE)	0	120	0.4068	0.7693	0.0674	0.0007	0.1286
Compressor (GSE)	121	250	0.3456	1.3283	0.0469	0.0013	0.1217
Compressor (GSE)	251	500	0.7989	2.4560	0.0878	0.0024	0.2239
Compressor (GSE)	501	750	1.1804	3.7172	0.1313	0.0036	0.3370
Compressor (Military)	0	50	0.3564	0.3790	0.0362	0.0005	0.1444
Compressor (Military)	51	120	0.3497	0.6784	0.0509	0.0006	0.1042
Compressor (Military)	121	175	0.6631	1.4282	0.0663	0.0014	0.1604
Compressor (Military)	176	250	0.4780	1.8084	0.0578	0.0019	0.1529
Compressor (Military)	251	500	0.9156	2.7848	0.0900	0.0028	0.2315
Compressor (Railyard)	0	120	0.2355	0.4539	0.0397	0.0004	0.0767
Compressors (Workover)	0	25	0.0912	0.1444	0.0098	0.0002	0.0289
Compressors (Workover)	26	120	0.5197	0.9950	0.0916	0.0008	0.1735
Compressors (Workover)	121	175	0.6951	1.4839	0.0840	0.0013	0.1915
Compressors (Workover)	176	250	0.5279	1.9742	0.0732	0.0018	0.1915
Compressors (Workover)	251	500	1.1965	3.3710	0.1264	0.0030	0.3286

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Compressors (Workover)	501	750	1.2227	3.5258	0.1307	0.0031	0.3395
Compressors (Workover)	751	1000	2.6540	7.6236	0.2380	0.0056	0.7002
Concrete/Industrial Saws	0	25	0.0680	0.1343	0.0079	0.0002	0.0206
Concrete/Industrial Saws	26	50	0.3409	0.3176	0.0334	0.0004	0.1416
Concrete/Industrial Saws	51	120	0.5083	0.9624	0.0792	0.0009	0.1543
Concrete/Industrial Saws	121	175	0.8869	1.8541	0.0943	0.0018	0.2190
Crane	0	120	0.4789	0.8058	0.0595	0.0009	0.1114
Crane	121	175	0.5262	0.9407	0.0426	0.0012	0.0936
Crane	176	250	0.2896	1.3438	0.0332	0.0018	0.0832
Crane (Dredging)	0	750	0.6780	2.8684	0.0830	0.0035	0.2071
Crane (Rail-CHE)	0	120	0.3907	0.7531	0.0659	0.0006	0.1272
Crane (Rail-CHE)	121	175	0.3648	0.7856	0.0370	0.0008	0.0891
Cranes	0	50	0.3356	0.2622	0.0319	0.0003	0.1465
Cranes	51	120	0.3803	0.7268	0.0663	0.0006	0.1260
Cranes	121	175	0.4931	1.0408	0.0589	0.0009	0.1344
Cranes	176	250	0.3877	1.3855	0.0534	0.0013	0.1391
Cranes	251	500	0.7754	1.9859	0.0770	0.0018	0.2010
Cranes	501	750	1.3034	3.4184	0.1310	0.0030	0.3409
Cranes	751	9999	4.8174	13.0853	0.4144	0.0098	1.2101
Crawler Tractors	0	50	0.3711	0.2853	0.0352	0.0003	0.1633
Crawler Tractors	51	120	0.5142	1.0010	0.0901	0.0008	0.1741
Crawler Tractors	121	175	0.7727	1.6459	0.0937	0.0014	0.2144
Crawler Tractors	176	250	0.6354	2.1629	0.0879	0.0019	0.2261
Crawler Tractors	251	500	1.4035	3.0282	0.1221	0.0025	0.3172
Crawler Tractors	501	750	2.5121	5.5363	0.2207	0.0047	0.5717
Crawler Tractors	751	1000	3.9669	9.2237	0.3090	0.0066	0.8811
Crushing/Proc. Equipment	0	50	0.5823	0.4816	0.0563	0.0006	0.2517
Crushing/Proc. Equipment	51	120	0.6042	1.1400	0.1030	0.0010	0.1954
Crushing/Proc. Equipment	121	175	0.9781	2.0539	0.1140	0.0019	0.2594
Crushing/Proc. Equipment	176	250	0.6997	2.8165	0.0958	0.0027	0.2526
Crushing/Proc. Equipment	251	500	1.2578	3.8336	0.1335	0.0037	0.3439
Crushing/Proc. Equipment	501	750	1.9202	6.2321	0.2118	0.0059	0.5501

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Crushing/Proc. Equipment	751	9999	5.5696	17.0692	0.5225	0.0131	1.5292
Deck/door engine	0	250	0.3857	1.4760	0.0438	0.0016	0.1181
Deicer	0	120	0.5417	1.0510	0.0789	0.0010	0.1615
Dredger	0	175	0.5259	1.1285	0.0616	0.0010	0.1416
Dredger	176	250	0.4020	1.4970	0.0551	0.0014	0.1423
Dredger	251	750	1.3412	3.8464	0.1404	0.0034	0.3607
Dredger	751	9999	3.5253	10.0889	0.3123	0.0075	0.9177
Drill Rig	0	120	0.4744	0.6283	0.0319	0.0010	0.0409
Drill Rig	121	175	0.7496	0.8360	0.0358	0.0017	0.0538
Drill Rig	176	250	0.3411	1.1065	0.0340	0.0023	0.0634
Drill Rig	251	500	0.6139	1.6615	0.0616	0.0036	0.1098
Drill Rig	501	750	0.9499	2.5946	0.0953	0.0057	0.1715
Drill Rig	751	1000	2.4053	11.7337	0.2598	0.0145	0.6056
Drill Rig (Mobile)	0	50	0.5248	0.3788	0.0493	0.0004	0.2372
Drill Rig (Mobile)	51	120	0.6654	1.3689	0.1198	0.0009	0.2441
Drill Rig (Mobile)	121	175	1.0135	2.2572	0.1302	0.0016	0.3062
Drill Rig (Mobile)	176	250	0.9546	2.9200	0.1339	0.0021	0.3438
Drill Rig (Mobile)	251	500	2.7370	4.3975	0.1937	0.0031	0.5097
Drill Rig (Mobile)	501	750	5.4078	8.8048	0.3850	0.0062	1.0098
Drill Rig (Mobile)	751	1000	8.6604	14.8823	0.5684	0.0093	1.5766
Dumpers/Tenders	0	25	0.0356	0.0681	0.0043	0.0001	0.0121
Excavators	0	25	0.0676	0.1290	0.0077	0.0002	0.0201
Excavators	26	50	0.3390	0.2724	0.0319	0.0003	0.1380
Excavators	51	120	0.5432	0.9624	0.0902	0.0009	0.1647
Excavators	121	175	0.6729	1.2902	0.0748	0.0013	0.1672
Excavators	176	250	0.4370	1.7245	0.0595	0.0018	0.1618
Excavators	251	500	0.7085	2.2142	0.0802	0.0023	0.2173
Excavators	501	750	1.1735	3.7878	0.1351	0.0039	0.3634
Fellers/Bunchers	0	120	0.6377	1.0679	0.1009	0.0011	0.1779
Fellers/Bunchers	121	175	0.7652	1.3933	0.0812	0.0015	0.1752
Fellers/Bunchers	176	250	0.3899	1.8649	0.0519	0.0022	0.1429
Fellers/Bunchers	251	500	0.5617	2.4244	0.0744	0.0029	0.1939

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Fellers/Bunchers	501	750	1.1149	4.9752	0.1507	0.0058	0.3920
Forklift	0	175	0.3314	0.6976	0.0370	0.0007	0.0852
Forklifts	0	50	0.2010	0.1599	0.0191	0.0002	0.0838
Forklifts	51	120	0.2299	0.4037	0.0399	0.0004	0.0719
Forklifts	121	175	0.3320	0.6456	0.0389	0.0006	0.0860
Forklifts	176	250	0.1814	0.8271	0.0253	0.0009	0.0711
Forklifts	251	500	0.2561	1.0315	0.0338	0.0011	0.0931
Fuel Truck	0	250	0.1698	0.6539	0.0224	0.0007	0.0581
Generator	0	120	0.6179	1.1547	0.1090	0.0009	0.2030
Generator	121	175	0.9361	1.9461	0.1124	0.0017	0.2549
Generator	176	250	0.6881	2.6567	0.0959	0.0025	0.2560
Generator	251	500	1.2081	3.7319	0.1381	0.0040	0.3676
Generator	501	750	1.9502	6.1820	0.2260	0.0064	0.5982
Generator (Dredging)	0	50	0.4249	0.3419	0.0408	0.0004	0.1864
Generator (Dredging)	51	120	0.6519	1.2525	0.1128	0.0010	0.2154
Generator (Dredging)	121	175	0.7120	1.5250	0.0847	0.0013	0.1938
Generator (Dredging)	176	250	0.7079	2.6424	0.0976	0.0025	0.2533
Generator (Dredging)	251	500	1.4311	4.0236	0.1496	0.0036	0.3848
Generator (Dredging)	501	750	2.3805	6.8464	0.2517	0.0061	0.6490
Generator (Dredging)	751	9999	6.2817	17.9973	0.5584	0.0133	1.6435
Generator (Drilling)	0	50	0.3569	0.2802	0.0341	0.0003	0.1570
Generator (Drilling)	51	120	0.5649	1.0815	0.0995	0.0009	0.1886
Generator (Drilling)	121	175	0.6179	1.3190	0.0747	0.0012	0.1703
Generator (Drilling)	176	250	0.4714	1.7630	0.0654	0.0016	0.1710
Generator (Drilling)	251	500	1.0930	3.0798	0.1174	0.0027	0.3164
Generator (Drilling)	501	750	1.1296	3.2572	0.1208	0.0029	0.3136
Generator (Entertainment)	0	50	0.4349	0.4511	0.0439	0.0006	0.1778
Generator (Entertainment)	51	120	0.5886	1.1416	0.0870	0.0010	0.1771
Generator (Entertainment)	121	175	0.7959	1.7138	0.0808	0.0017	0.1945
Generator (Entertainment)	176	250	0.5699	2.1502	0.0699	0.0022	0.1841
Generator (Entertainment)	251	500	0.9265	2.7635	0.0906	0.0027	0.2325
Generator (Entertainment)	501	750	1.8187	5.5471	0.1799	0.0055	0.4687

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Generator (Entertainment)	751	9999	3.9074	11.8668	0.3659	0.0097	1.0488
Generator (Military)	0	50	0.2764	0.2939	0.0280	0.0004	0.1120
Generator (Military)	51	120	0.4088	0.7930	0.0595	0.0007	0.1218
Generator (Military)	121	175	0.5837	1.2571	0.0583	0.0012	0.1412
Generator (Military)	176	250	0.4780	1.8084	0.0578	0.0019	0.1529
Generator (Military)	251	500	0.8543	2.5982	0.0840	0.0026	0.2160
Generator (Military)	501	750	1.3133	4.0845	0.1305	0.0040	0.3412
Generator (Railyard)	0	175	0.7415	1.5967	0.0753	0.0016	0.1812
Generator (Railyard)	176	9999	3.5580	10.8057	0.3332	0.0088	0.9550
Generator (Workover)	0	120	0.5310	1.0166	0.0935	0.0008	0.1773
Generator (Workover)	121	175	0.6588	1.4063	0.0796	0.0012	0.1815
Generator (Workover)	176	250	0.4518	1.6895	0.0627	0.0016	0.1639
Generator (Workover)	251	500	1.0568	2.9773	0.1117	0.0027	0.2902
Generator (Workover)	501	750	1.2460	3.5929	0.1332	0.0032	0.3460
Generator (Workover)	751	9999	4.7456	13.6315	0.4256	0.0100	1.2520
Generator Sets	0	15	0.0747	0.1229	0.0077	0.0002	0.0188
Generator Sets	16	25	0.1098	0.1761	0.0117	0.0002	0.0330
Generator Sets	26	50	0.3005	0.3145	0.0305	0.0004	0.1225
Generator Sets	51	120	0.5127	0.9863	0.0761	0.0009	0.1545
Generator Sets	121	175	0.7515	1.6116	0.0765	0.0016	0.1837
Generator Sets	176	250	0.5604	2.2655	0.0691	0.0024	0.1840
Generator Sets	251	500	1.0287	3.2887	0.1019	0.0033	0.2619
Generator Sets	501	750	1.6606	5.4399	0.1666	0.0055	0.4359
Generator Sets	751	9999	4.0842	12.8287	0.3930	0.0105	1.1226
Graders	0	50	0.3809	0.3048	0.0362	0.0004	0.1621
Graders	51	120	0.5580	1.0396	0.0947	0.0009	0.1778
Graders	121	175	0.7480	1.5287	0.0864	0.0014	0.1954
Graders	176	250	0.5477	2.0202	0.0751	0.0019	0.1964
Graders	251	500	0.8819	2.3886	0.0903	0.0023	0.2358
Graders	501	750	1.8647	5.1850	0.1936	0.0049	0.5040
Ground Power Unit	0	175	0.8829	1.8198	0.1003	0.0017	0.2273
Hoist/swing/winch	0	50	0.2748	0.2264	0.0265	0.0003	0.1200

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Hoist/swing/winch	51	120	0.4855	0.9349	0.0827	0.0008	0.1590
Hoist/swing/winch	121	175	0.4996	1.0720	0.0585	0.0010	0.1345
Hoist/swing/winch	176	250	0.4369	1.6269	0.0598	0.0015	0.1546
Hoist/swing/winch	251	500	0.8272	2.3197	0.0856	0.0021	0.2190
Hoist/swing/winch	501	750	1.6496	4.7308	0.1727	0.0042	0.4436
Hoist/swing/winch	751	9999	3.7344	10.6873	0.3308	0.0080	0.9721
Hydrant Truck	0	175	0.8642	1.8550	0.0958	0.0017	0.2239
Hydraulic unit	0	120	0.4678	0.9077	0.0681	0.0008	0.1395
Hydro Power Units	0	15	0.0367	0.0446	0.0027	0.0001	0.0071
Hydro Power Units	16	25	0.0483	0.0968	0.0057	0.0001	0.0151
Hydro Power Units	26	50	0.2757	0.2321	0.0266	0.0003	0.1199
Hydro Power Units	51	120	0.3042	0.5896	0.0509	0.0005	0.0986
Lav Truck	0	175	0.3131	0.6540	0.0372	0.0006	0.0844
Lawn & Garden Tractors	0	15	0.0579	0.0820	0.0052	0.0001	0.0116
Lawn & Garden Tractors	16	25	0.0621	0.1232	0.0073	0.0002	0.0186
Leaf Blowers/Vacuums	0	15	0.0185	0.0254	0.0016	0.0000	0.0036
Leaf Blowers/Vacuums	16	120	0.3020	0.5816	0.0404	0.0006	0.0848
Leaf Blowers/Vacuums	121	250	0.2601	1.0157	0.0293	0.0011	0.0792
Lift	0	120	0.5117	0.9681	0.0844	0.0008	0.1613
Lift (Drilling)	0	120	0.6214	1.1896	0.1095	0.0010	0.2074
Lift (Drilling)	121	175	0.6701	1.4305	0.0810	0.0012	0.1846
Lift (Drilling)	176	250	0.5524	2.0660	0.0766	0.0019	0.2004
Lift (Drilling)	251	500	1.1150	3.1414	0.1178	0.0028	0.3062
Lift (Drilling)	501	750	1.1121	3.2068	0.1189	0.0028	0.3088
Lift (Military)	0	120	0.4678	0.9077	0.0681	0.0008	0.1395
Light	0	50	0.3636	0.3868	0.0369	0.0005	0.1473
Materials Handling (Rail-CHE)	0	120	0.4288	0.8266	0.0724	0.0007	0.1396
Misc Portable Equipment	0	120	0.4708	0.9117	0.0733	0.0008	0.1462
Misc Portable Equipment	121	175	0.5227	1.1247	0.0560	0.0011	0.1323
Misc Portable Equipment	176	250	0.4775	1.7859	0.0614	0.0018	0.1595
Misc Portable Equipment	251	500	1.0812	3.0390	0.1048	0.0029	0.2671
Misc Portable Equipment	501	750	1.5372	4.4179	0.1506	0.0042	0.3884

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Misc Portable Equipment	751	1000	2.4541	7.0770	0.2197	0.0056	0.6332
Off-Highway Tractors	0	120	0.7618	1.5465	0.1354	0.0011	0.2701
Off-Highway Tractors	121	175	0.8733	1.9321	0.1094	0.0015	0.2530
Off-Highway Tractors	176	250	0.5846	1.8653	0.0811	0.0015	0.2051
Off-Highway Tractors	251	750	4.0856	7.4817	0.3127	0.0057	0.8012
Off-Highway Tractors	751	1000	6.3294	12.1981	0.4369	0.0082	1.2227
Off-Highway Trucks	0	175	0.7662	1.4766	0.0866	0.0014	0.1961
Off-Highway Trucks	176	250	0.4795	1.8601	0.0659	0.0019	0.1821
Off-Highway Trucks	251	500	0.8731	2.6576	0.0983	0.0027	0.2725
Off-Highway Trucks	501	750	1.4151	4.4435	0.1621	0.0044	0.4452
Off-Highway Trucks	751	1000	2.4097	7.9765	0.2445	0.0063	0.7106
Other (Dredging)	0	120	0.4715	0.9080	0.0803	0.0008	0.1544
Other (Dredging)	121	175	0.6573	1.4106	0.0769	0.0013	0.1770
Other (Dredging)	176	250	0.4471	1.6650	0.0612	0.0016	0.1583
Other (Dredging)	251	500	0.9447	2.6491	0.0978	0.0024	0.2501
Other Agricultural Equipment	0	15	0.0469	0.0618	0.0040	0.0001	0.0095
Other Agricultural Equipment	16	25	0.0755	0.1325	0.0091	0.0002	0.0278
Other Agricultural Equipment	26	50	0.2651	0.2675	0.0265	0.0003	0.1094
Other Agricultural Equipment	51	120	0.3417	0.6658	0.0511	0.0006	0.1037
Other Agricultural Equipment	121	175	0.4995	1.0733	0.0516	0.0010	0.1233
Other Agricultural Equipment	176	250	0.3724	1.4559	0.0466	0.0015	0.1227
Other Agricultural Equipment	251	500	0.6401	1.9249	0.0622	0.0019	0.1593
Other Construction Equipment	0	15	0.0617	0.0749	0.0046	0.0002	0.0119
Other Construction Equipment	16	25	0.0557	0.1109	0.0066	0.0002	0.0173
Other Construction Equipment	26	50	0.3142	0.2882	0.0302	0.0004	0.1243
Other Construction Equipment	51	120	0.5533	0.9876	0.0841	0.0009	0.1569
Other Construction Equipment	121	175	0.5927	1.1441	0.0605	0.0012	0.1355
Other Construction Equipment	176	500	0.7059	2.2750	0.0769	0.0025	0.1942
Other General Industrial Equipmen	0	15	0.0390	0.0466	0.0026	0.0001	0.0066
Other General Industrial Equipmen	16	25	0.0631	0.1206	0.0072	0.0002	0.0188
Other General Industrial Equipmen	26	50	0.3189	0.2464	0.0306	0.0003	0.1407
Other General Industrial Equipmen	51	120	0.4708	0.8924	0.0848	0.0007	0.1592

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Other General Industrial Equipmen	121	175	0.5844	1.2401	0.0720	0.0011	0.1632
Other General Industrial Equipmen	176	250	0.4100	1.6430	0.0574	0.0015	0.1538
Other General Industrial Equipmen	251	500	0.9492	2.8550	0.1022	0.0026	0.2710
Other General Industrial Equipmen	501	750	1.5645	4.8292	0.1709	0.0044	0.4511
Other General Industrial Equipmen	751	1000	2.5434	7.5518	0.2368	0.0056	0.6918
Other GSE	0	175	0.5458	1.2222	0.0671	0.0011	0.1561
Other Lawn & Garden Equipment	0	15	0.0747	0.0985	0.0063	0.0002	0.0140
Other Lawn & Garden Equipment	16	25	0.0673	0.1330	0.0078	0.0002	0.0203
Other Material Handling Equipment	0	50	0.4399	0.3425	0.0422	0.0004	0.1940
Other Material Handling Equipment	51	120	0.4581	0.8695	0.0821	0.0007	0.1544
Other Material Handling Equipment	121	175	0.7399	1.5726	0.0908	0.0014	0.2059
Other Material Handling Equipment	176	250	0.4370	1.7512	0.0610	0.0016	0.1631
Other Material Handling Equipment	251	500	0.6838	2.0566	0.0734	0.0019	0.1934
Other Material Handling Equipment	501	9999	3.3636	9.9744	0.3117	0.0073	0.9116
Other tactical support equipment	0	50	0.3636	0.3868	0.0369	0.0005	0.1473
Other tactical support equipment	51	120	0.3891	0.7548	0.0566	0.0007	0.1160
Other tactical support equipment	121	175	0.5877	1.2657	0.0587	0.0013	0.1422
Other tactical support equipment	176	250	0.4673	1.7679	0.0565	0.0018	0.1495
Other tactical support equipment	251	500	0.6628	2.0158	0.0652	0.0020	0.1676
Other tactical support equipment	501	750	1.5367	4.7792	0.1528	0.0047	0.3993
Other Workover Equipment	0	120	0.5028	0.9625	0.0886	0.0008	0.1678
Other Workover Equipment	121	175	0.6860	1.4645	0.0829	0.0013	0.1890
Other Workover Equipment	176	250	0.5279	1.9742	0.0732	0.0018	0.1915
Other Workover Equipment	251	750	1.1994	3.4586	0.1282	0.0030	0.3330
Other Workover Equipment	751	1000	3.4555	9.9258	0.3099	0.0073	0.9116
Passenger Stand	0	120	0.4524	0.8624	0.0585	0.0009	0.1230
Pavers	0	25	0.0929	0.1704	0.0112	0.0002	0.0328
Pavers	26	50	0.4038	0.3188	0.0386	0.0004	0.1795
Pavers	51	120	0.5351	1.0649	0.0923	0.0008	0.1821
Pavers	121	175	0.8113	1.7663	0.0976	0.0014	0.2251
Pavers	176	250	0.7759	2.5733	0.1065	0.0022	0.2690
Pavers	251	500	1.3741	2.7939	0.1132	0.0023	0.2877

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Paving Equipment	0	25	0.0532	0.1060	0.0063	0.0002	0.0166
Paving Equipment	26	50	0.3422	0.2720	0.0328	0.0003	0.1523
Paving Equipment	51	120	0.4185	0.8344	0.0721	0.0006	0.1424
Paving Equipment	121	175	0.6330	1.3848	0.0759	0.0011	0.1755
Paving Equipment	176	250	0.4847	1.6114	0.0664	0.0014	0.1676
Plate Compactors	0	15	0.0263	0.0328	0.0021	0.0001	0.0052
Pressure Washers	0	15	0.0358	0.0589	0.0037	0.0001	0.0090
Pressure Washers	16	25	0.0445	0.0714	0.0048	0.0001	0.0134
Pressure Washers	26	50	0.1191	0.1424	0.0125	0.0002	0.0462
Pressure Washers	51	120	0.1511	0.2912	0.0207	0.0003	0.0434
Pressure Washers	121	175	0.6036	1.2999	0.0603	0.0013	0.1460
Pressure Washers	176	250	0.2493	0.8004	0.0254	0.0016	0.0534
Pump (Dredging)	0	120	0.6292	1.2196	0.0953	0.0011	0.1921
Pump (Dredging)	121	175	0.7534	1.6217	0.0784	0.0016	0.1872
Pump (Dredging)	176	250	0.6824	2.5634	0.0856	0.0026	0.2239
Pump (Dredging)	251	500	1.2533	3.6225	0.1216	0.0035	0.3111
Pump (Dredging)	501	750	1.8345	5.4215	0.1800	0.0051	0.4667
Pump (Dredging)	751	9999	10.5952	31.3136	0.9693	0.0247	2.7842
Pump (Drilling)	0	120	0.5480	1.0490	0.0965	0.0009	0.1829
Pump (Drilling)	121	175	0.6542	1.3966	0.0790	0.0012	0.1803
Pump (Drilling)	176	250	0.5647	2.1119	0.0784	0.0019	0.2049
Pump (Drilling)	251	500	1.1383	3.2070	0.1203	0.0033	0.3126
Pump (Drilling)	501	750	1.7089	4.9277	0.1827	0.0043	0.4745
Pump (Drilling)	751	9999	3.7121	10.6629	0.3329	0.0078	0.9793
Pump (Military)	0	50	0.2836	0.3017	0.0288	0.0004	0.1149
Pump (Military)	51	120	0.4925	0.9554	0.0717	0.0009	0.1468
Pump (Workover)	0	120	0.5536	1.0598	0.0975	0.0009	0.1848
Pump (Workover)	121	175	0.6588	1.4063	0.0796	0.0012	0.1815
Pump (Workover)	176	250	0.5058	1.8916	0.0702	0.0017	0.1835
Pump (Workover)	251	500	1.1063	3.1168	0.1169	0.0028	0.3038
Pump (Workover)	501	9999	5.4381	15.6207	0.4877	0.0114	1.4347
Pumps	0	15	0.0543	0.0918	0.0069	0.0001	0.0160

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Pumps	16	25	0.1213	0.1947	0.0145	0.0002	0.0480
Pumps	26	50	0.3540	0.3561	0.0357	0.0004	0.1463
Pumps	51	120	0.5206	1.0009	0.0792	0.0009	0.1591
Pumps	121	175	0.7531	1.6142	0.0786	0.0016	0.1870
Pumps	176	250	0.5413	2.1789	0.0682	0.0023	0.1805
Pumps	251	500	1.0996	3.4086	0.1081	0.0034	0.2771
Pumps	501	750	1.8179	5.7740	0.1809	0.0057	0.4713
Pumps	751	9999	5.4707	16.7525	0.5152	0.0136	1.4745
Rollers	0	15	0.0386	0.0468	0.0029	0.0001	0.0074
Rollers	16	25	0.0562	0.1120	0.0067	0.0002	0.0175
Rollers	26	50	0.3345	0.2836	0.0322	0.0003	0.1436
Rollers	51	120	0.4267	0.8196	0.0703	0.0007	0.1362
Rollers	121	175	0.6339	1.3421	0.0716	0.0012	0.1651
Rollers	176	250	0.5077	1.8137	0.0684	0.0017	0.1749
Rollers	251	500	0.9133	2.3358	0.0879	0.0021	0.2232
Rough Terrain Forklifts	0	50	0.4475	0.3674	0.0426	0.0004	0.1872
Rough Terrain Forklifts	51	120	0.4539	0.8285	0.0757	0.0007	0.1403
Rough Terrain Forklifts	121	175	0.7347	1.4692	0.0828	0.0014	0.1858
Rough Terrain Forklifts	176	250	0.4851	1.8985	0.0660	0.0019	0.1744
Rough Terrain Forklifts	251	500	0.8181	2.5132	0.0904	0.0025	0.2355
Rubber Tired Dozers	0	175	0.8858	1.9548	0.1119	0.0015	0.2600
Rubber Tired Dozers	176	250	0.8455	2.6765	0.1178	0.0021	0.3008
Rubber Tired Dozers	251	500	1.9848	3.5016	0.1494	0.0026	0.3892
Rubber Tired Dozers	501	750	2.9836	5.3517	0.2263	0.0040	0.5876
Rubber Tired Dozers	751	1000	4.7687	9.0221	0.3283	0.0059	0.9166
Rubber Tired Loaders	0	25	0.0699	0.1380	0.0081	0.0002	0.0212
Rubber Tired Loaders	26	50	0.4263	0.3434	0.0405	0.0004	0.1810
Rubber Tired Loaders	51	120	0.4360	0.8109	0.0737	0.0007	0.1383
Rubber Tired Loaders	121	175	0.6377	1.3017	0.0733	0.0012	0.1657
Rubber Tired Loaders	176	250	0.4675	1.7345	0.0639	0.0017	0.1672
Rubber Tired Loaders	251	500	0.8875	2.4462	0.0918	0.0023	0.2392
Rubber Tired Loaders	501	750	1.8163	5.1416	0.1905	0.0049	0.4954

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Rubber Tired Loaders	751	1000	2.6018	7.7011	0.2365	0.0060	0.6889
Sailboat Auxiliary Inboard Engine	0	50	0.0979	0.2216	0.0055	0.0002	0.0652
Scrapers	0	120	0.7345	1.4391	0.1287	0.0011	0.2500
Scrapers	121	175	0.9455	2.0281	0.1149	0.0017	0.2633
Scrapers	176	250	0.8153	2.7528	0.1127	0.0024	0.2887
Scrapers	251	500	1.7896	3.7968	0.1537	0.0032	0.3975
Scrapers	501	750	3.0874	6.6856	0.2677	0.0056	0.6907
Service Truck	0	175	0.2364	0.4982	0.0248	0.0005	0.0582
Shredders	0	175	0.3609	0.7422	0.0324	0.0008	0.0779
Signal Boards	0	15	0.0376	0.0449	0.0025	0.0001	0.0072
Signal Boards	16	50	0.3985	0.3788	0.0395	0.0005	0.1660
Signal Boards	51	120	0.5468	1.0382	0.0853	0.0009	0.1677
Signal Boards	121	175	0.8491	1.7897	0.0907	0.0017	0.2116
Signal Boards	176	250	0.6895	2.7769	0.0895	0.0029	0.2343
Skid Steer Loaders	0	25	0.0773	0.1320	0.0093	0.0002	0.0291
Skid Steer Loaders	26	50	0.2722	0.2550	0.0259	0.0003	0.1007
Skid Steer Loaders	51	120	0.2884	0.4844	0.0421	0.0005	0.0755
Skidders	0	120	0.6652	1.1116	0.1065	0.0011	0.1873
Skidders	121	175	0.8007	1.4544	0.0859	0.0016	0.1854
Skidders	176	250	0.4255	2.0310	0.0570	0.0024	0.1586
Skidders	251	500	0.4843	2.0856	0.0646	0.0025	0.1713
Snowblowers	0	175	0.7031	1.5181	0.0731	0.0015	0.1753
Snowblowers	176	250	0.5587	2.1805	0.0700	0.0023	0.1859
Snowblowers	251	500	0.8874	2.9698	0.0966	0.0029	0.2503
Snubbing	0	120	0.5649	1.0815	0.0995	0.0009	0.1886
Sprayers	0	25	0.0763	0.1195	0.0091	0.0002	0.0305
Sprayers	26	50	0.1807	0.2252	0.0190	0.0003	0.0687
Sprayers	51	120	0.3539	0.6915	0.0467	0.0007	0.0996
Sprayers	121	175	0.4738	1.0195	0.0430	0.0011	0.1076
Sprayers	176	250	0.3928	1.5679	0.0439	0.0017	0.1194
Sprayers	251	500	0.4497	1.6031	0.0460	0.0017	0.1200
Start Cart	0	120	0.4925	0.9554	0.0717	0.0009	0.1468

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Start Cart	121	500	0.6947	2.1129	0.0683	0.0021	0.1756
Surfacing Equipment	0	50	0.1601	0.1494	0.0157	0.0002	0.0668
Surfacing Equipment	51	120	0.4432	0.8536	0.0685	0.0007	0.1361
Surfacing Equipment	121	175	0.4847	1.0235	0.0515	0.0010	0.1205
Surfacing Equipment	176	250	0.4310	1.5383	0.0555	0.0015	0.1423
Surfacing Equipment	251	500	0.9075	2.2908	0.0825	0.0022	0.2089
Surfacing Equipment	501	750	1.4221	3.6725	0.1307	0.0035	0.3342
Swathers	0	120	0.3354	0.6553	0.0447	0.0006	0.0950
Swathers	121	175	0.5205	1.1198	0.0477	0.0012	0.1190
Sweeper	0	120	0.2027	0.3585	0.0269	0.0004	0.0520
Sweepers/Scrubbers	0	15	0.0728	0.0869	0.0049	0.0002	0.0124
Sweepers/Scrubbers	16	25	0.0810	0.1602	0.0095	0.0002	0.0245
Sweepers/Scrubbers	26	50	0.4236	0.3438	0.0407	0.0004	0.1813
Sweepers/Scrubbers	51	120	0.5457	0.9907	0.0949	0.0009	0.1744
Sweepers/Scrubbers	121	175	0.8102	1.6433	0.0956	0.0016	0.2135
Sweepers/Scrubbers	176	250	0.3944	1.7750	0.0548	0.0018	0.1500
Swivel	0	120	0.5875	1.1247	0.1035	0.0009	0.1961
Swivel	121	175	0.5997	1.2802	0.0725	0.0011	0.1652
Swivel	176	250	0.5279	1.9742	0.0732	0.0018	0.1915
Swivel	251	500	0.8139	2.8023	0.0828	0.0029	0.2158
Test Stand	0	120	0.4531	0.8790	0.0660	0.0008	0.1350
Test Stand	121	175	0.5639	1.2144	0.0564	0.0012	0.1364
Test Stand	176	250	0.4223	1.5976	0.0511	0.0017	0.1351
Test Stand	251	500	0.8420	2.5609	0.0828	0.0025	0.2129
Tillers	0	15	0.0422	0.0584	0.0037	0.0001	0.0083
Tillers	16	250	0.6221	2.4674	0.0720	0.0027	0.1939
Tillers	251	500	1.2117	4.0967	0.1219	0.0042	0.3162
Tractors/Loaders/Backhoes	0	25	0.0715	0.1395	0.0086	0.0002	0.0237
Tractors/Loaders/Backhoes	26	50	0.3828	0.3219	0.0362	0.0004	0.1535
Tractors/Loaders/Backhoes	51	120	0.3700	0.6504	0.0594	0.0006	0.1082
Tractors/Loaders/Backhoes	121	175	0.5898	1.1202	0.0634	0.0011	0.1404
Tractors/Loaders/Backhoes	176	250	0.4449	1.7922	0.0597	0.0019	0.1597

Table 19
Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Tractors/Loaders/Backhoes	251	500	0.9582	3.1359	0.1101	0.0039	0.2895
Tractors/Loaders/Backhoes	501	750	1.4364	4.8599	0.1680	0.0058	0.4404
Transport Refrigeration Units	0	15	0.0504	0.0719	0.0045	0.0001	0.0102
Transport Refrigeration Units	16	25	0.0608	0.1192	0.0070	0.0002	0.0180
Transport Refrigeration Units	26	50	0.2646	0.2516	0.0247	0.0003	0.0888
Trenchers	0	15	0.0516	0.0616	0.0034	0.0001	0.0098
Trenchers	16	25	0.1359	0.2683	0.0158	0.0004	0.0412
Trenchers	26	50	0.4552	0.3710	0.0437	0.0004	0.2018
Trenchers	51	120	0.4959	0.9951	0.0837	0.0008	0.1676
Trenchers	121	175	0.9017	1.9752	0.1067	0.0016	0.2478
Trenchers	176	250	0.9000	2.9473	0.1226	0.0025	0.3074
Trenchers	251	500	1.9110	3.7429	0.1514	0.0031	0.3818
Trenchers	501	750	3.5973	7.1715	0.2871	0.0059	0.7271
Vessels w/Inboard Engines	0	250	0.8849	2.0096	0.0502	0.0012	0.5888
Welder	0	50	0.2545	0.2707	0.0258	0.0003	0.1031
Welder	51	120	0.3053	0.5924	0.0445	0.0005	0.0910
Welders	0	15	0.0454	0.0768	0.0058	0.0001	0.0134
Welders	16	25	0.0703	0.1128	0.0084	0.0001	0.0278
Welders	26	50	0.3105	0.2782	0.0306	0.0003	0.1329
Welders	51	120	0.2769	0.5307	0.0452	0.0005	0.0883
Welders	121	175	0.5534	1.1844	0.0620	0.0011	0.1442
Welders	176	250	0.3378	1.3487	0.0450	0.0013	0.1180
Welders	251	500	0.5718	1.7138	0.0578	0.0016	0.1480

Table 19

Diesel Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Workover Rig (Mobile)	0	50	0.5248	0.3788	0.0493	0.0004	0.2372
Workover Rig (Mobile)	51	120	0.6654	1.3689	0.1198	0.0009	0.2441
Workover Rig (Mobile)	121	175	1.0135	2.2572	0.1302	0.0016	0.3062
Workover Rig (Mobile)	176	250	0.9546	2.9200	0.1339	0.0021	0.3438
Workover Rig (Mobile)	251	500	2.7370	4.3975	0.1937	0.0031	0.5097
Workover Rig (Mobile)	501	750	5.4078	8.8048	0.3850	0.0062	1.0098
Workover Rig (Mobile)	751	1000	8.6604	14.8823	0.5684	0.0093	1.5766

[a] These are composite horsepower-based off-road emission factors for 2008 developed by running CARB's OFFROAD2007 Model December 15, 2006 version).
Total daily emissions from the model for each type of equipment within each horsepower range were divided by the total daily operating hours for the equipment within each horsepower range to calculate hourly emissions from individual pieces of equipment.

Table 20
Four-stroke Gasoline Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
2-Wheel Tractors	0	5	0.9107	0.0257	0.0008	0.0001	0.0572
2-Wheel Tractors	6	15	2.8012	0.0543	0.0394	0.0001	0.0733
2-Wheel Tractors	16	25	5.9466	0.1003	0.0787	0.0002	0.1547
A/C Tug Narrow Body	0	175	6.4031	2.2416	0.0138	0.0017	0.3208
A/C Tug Wide Body	0	500	22.9362	4.2371	0.0529	0.0066	0.5985
Aerial Lifts	0	15	3.3833	0.0648	0.0475	0.0002	0.0882
Aerial Lifts	16	25	5.2799	0.0885	0.0694	0.0002	0.1422
Aerial Lifts	26	50	2.9323	0.1575	0.0020	0.0003	0.0936
Aerial Lifts	51	120	2.2865	0.4281	0.0041	0.0005	0.1202
Agricultural Mowers	0	15	2.4498	0.0369	0.0299	0.0001	0.0818
Agricultural Mowers	16	25	5.6095	0.0749	0.0673	0.0002	0.1748
Agricultural Tractors	0	120	5.8201	1.0637	0.0067	0.0008	0.3731
Agricultural Tractors	121	175	4.6267	1.8249	0.0103	0.0013	0.2508
Air Compressors	0	5	0.8542	0.0320	0.0009	0.0001	0.0718
Air Compressors	0	5	0.8524	0.0320	0.0009	0.0001	0.0717
Air Compressors	6	15	2.2339	0.0447	0.0311	0.0001	0.0608
Air Compressors	6	15	2.2503	0.0432	0.0311	0.0001	0.0613
Air Compressors	16	25	5.7585	0.1003	0.0756	0.0002	0.1560
Air Compressors	16	25	5.8528	0.0952	0.0756	0.0002	0.1632
Air Compressors	26	50	4.7993	0.2908	0.0026	0.0004	0.2073
Air Compressors	51	120	4.3111	0.8272	0.0052	0.0006	0.2811
Air Compressors	121	175	4.3102	1.7764	0.0099	0.0012	0.2414
Air Conditioner	0	175	4.9345	1.8326	0.0129	0.0016	0.2271
Air Start Unit	0	175	6.0256	2.2166	0.0155	0.0019	0.2786
All Terrain Vehicles (ATVs)	0	15	0.0636	0.0016	0.0001	0.0003	0.0029
All Terrain Vehicles (ATVs)	16	25	0.0636	0.0016	0.0001	0.0003	0.0029
All Terrain Vehicles (ATVs)	26	50	0.0636	0.0016	0.0001	0.0005	0.0029
All Terrain Vehicles (ATVs) Inactive	0	15	0.0000	0.0000	0.0000	0.0000	0.0000
All Terrain Vehicles (ATVs) Inactive	16	25	0.0000	0.0000	0.0000	0.0000	0.0000
All Terrain Vehicles (ATVs) Inactive	26	50	0.0000	0.0000	0.0000	0.0000	0.0000
Asphalt Pavers	0	15	3.3631	0.0650	0.0471	0.0002	0.0883
Asphalt Pavers	16	25	8.7258	0.1468	0.1152	0.0003	0.2279

Table 20
Four-stroke Gasoline Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Asphalt Pavers	26	50	4.9927	0.3171	0.0028	0.0004	0.2069
Asphalt Pavers	51	120	4.2640	0.8631	0.0053	0.0007	0.2671
Baggage Tug	0	120	4.6432	0.5118	0.0073	0.0009	0.1411
Balers	0	50	3.5507	0.2677	0.0025	0.0004	0.1356
Balers	51	120	2.8589	0.7077	0.0047	0.0006	0.1663
Belt Loader	0	120	2.7366	0.3287	0.0040	0.0005	0.0965
Bobtail	0	120	4.6564	0.5127	0.0073	0.0009	0.1415
Bore/Drill Rigs	0	15	4.8791	0.0750	0.0623	0.0002	0.1494
Bore/Drill Rigs	16	25	9.0334	0.1226	0.1122	0.0003	0.2607
Bore/Drill Rigs	26	50	4.8193	0.3511	0.0033	0.0005	0.1858
Bore/Drill Rigs	51	120	5.8337	1.3925	0.0092	0.0011	0.3429
Bore/Drill Rigs	121	175	5.2034	2.1920	0.0132	0.0016	0.2763
Cargo Loader	0	120	3.2902	0.4357	0.0046	0.0006	0.1318
Cargo Tractor	0	120	7.6521	0.8988	0.0068	0.0007	0.3973
Cart	0	15	3.5094	0.0582	0.0029	0.0002	0.0854
Catering Truck	0	250	7.0371	2.3479	0.0140	0.0015	0.3536
Cement and Mortar Mixers	0	5	1.2043	0.0285	0.0009	0.0001	0.0638
Cement and Mortar Mixers	6	15	3.3419	0.0399	0.0336	0.0001	0.1279
Cement and Mortar Mixers	16	25	10.3324	0.1105	0.1051	0.0004	0.3595
Chippers/Stump Grinders	0	15	4.9502	0.0983	0.0681	0.0002	0.1344
Chippers/Stump Grinders	0	15	5.9484	0.0656	0.0487	0.0002	0.1551
Chippers/Stump Grinders	16	25	8.5980	0.1487	0.1114	0.0003	0.2323
Chippers/Stump Grinders	16	25	9.9162	0.0979	0.0798	0.0003	0.2388
Combines	0	120	5.2234	1.1652	0.0101	0.0013	0.2841
Combines	121	175	6.4392	2.0386	0.0161	0.0020	0.2599
Combines	176	250	7.6171	2.0465	0.0190	0.0024	0.2567
Commercial Turf Equipment	0	15	3.1414	0.0576	0.0029	0.0001	0.0798
Commercial Turf Equipment	16	25	5.7552	0.0942	0.0050	0.0002	0.1430
Commercial Turf Equipment	26	50	4.1290	0.1880	0.0019	0.0003	0.1392
Commercial Turf Equipment	51	120	1.2182	0.1372	0.0035	0.0004	0.0250
Concrete/Industrial Saws	0	5	1.2400	0.0307	0.0010	0.0001	0.0687
Concrete/Industrial Saws	6	15	3.9702	0.0760	0.0557	0.0002	0.1033

Table 20
Four-stroke Gasoline Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Concrete/Industrial Saws	16	25	7.9599	0.1327	0.1052	0.0003	0.2060
Concrete/Industrial Saws	26	50	3.9592	0.0921	0.0036	0.0006	0.0587
Concrete/Industrial Saws	51	120	1.8827	0.1142	0.0068	0.0008	0.0423
Cranes	0	50	4.1378	0.2518	0.0023	0.0004	0.1702
Cranes	51	120	3.6577	0.7147	0.0046	0.0006	0.2295
Cranes	121	175	3.3802	1.3494	0.0078	0.0010	0.1818
Crushing/Proc. Equipment	0	15	4.3265	0.0824	0.0607	0.0002	0.1119
Crushing/Proc. Equipment	16	25	8.1640	0.1354	0.1079	0.0003	0.2101
Crushing/Proc. Equipment	26	120	7.5970	1.6525	0.0108	0.0013	0.4614
Deicer	0	120	6.5455	1.5651	0.0117	0.0015	0.3406
Dumpers/Tenders	0	5	0.5760	0.0174	0.0005	0.0001	0.0389
Dumpers/Tenders	6	15	2.5948	0.0319	0.0271	0.0001	0.1004
Dumpers/Tenders	16	25	5.4167	0.0596	0.0571	0.0002	0.1911
Dumpers/Tenders	26	120	2.3078	0.5429	0.0036	0.0004	0.1364
Forklift	0	50	3.6921	0.1230	0.0020	0.0003	0.0657
Forklifts	0	25	4.1686	0.0648	0.0037	0.0002	0.0943
Forklifts	26	50	5.9312	0.1654	0.0016	0.0003	0.1091
Forklifts	51	120	3.1172	0.2837	0.0028	0.0003	0.1093
Forklifts	121	175	3.0755	0.5742	0.0058	0.0007	0.1060
Front Mowers	0	15	3.0853	0.0374	0.0024	0.0001	0.0520
Front Mowers	0	15	3.3471	0.0407	0.0021	0.0001	0.0786
Front Mowers	16	25	4.2825	0.0485	0.0031	0.0002	0.0685
Front Mowers	16	25	4.5357	0.0480	0.0027	0.0002	0.0998
Fuel Truck	0	175	1.6086	0.6324	0.0043	0.0005	0.0776
Generator	0	120	11.3616	1.6507	0.0110	0.0012	0.7044
Generator Sets	0	5	1.6384	0.0226	0.0089	0.0001	0.1308
Generator Sets	0	5	1.7906	0.0218	0.0088	0.0001	0.1424
Generator Sets	6	15	3.9635	0.0549	0.0030	0.0002	0.1321
Generator Sets	6	15	4.2345	0.0513	0.0031	0.0002	0.1591
Generator Sets	16	25	8.4771	0.1045	0.0064	0.0003	0.2611
Generator Sets	16	25	8.8820	0.0968	0.0064	0.0003	0.3034
Generator Sets	26	50	4.1200	0.2886	0.0029	0.0005	0.1492

Table 20
Four-stroke Gasoline Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Generator Sets	51	120	4.7017	1.0624	0.0075	0.0009	0.2577
Generator Sets	121	175	5.0688	2.0306	0.0131	0.0016	0.2562
Golf Carts	0	15	2.6699	0.0450	0.0022	0.0001	0.0764
Ground Power Unit	0	175	6.5707	0.8609	0.0149	0.0019	0.1287
Hydrant truck	0	175	6.4396	2.0184	0.0113	0.0012	0.3287
Hydro Power Units	0	5	1.0088	0.0293	0.0009	0.0001	0.0653
Hydro Power Units	6	15	2.5332	0.0505	0.0356	0.0001	0.0682
Hydro Power Units	16	25	5.7138	0.0991	0.0756	0.0002	0.1530
Hydro Power Units	26	50	3.6493	0.1334	0.0028	0.0004	0.0754
Hydro Power Units	51	120	1.3671	0.1206	0.0049	0.0006	0.0333
Lav Cart	0	15	3.4427	0.0577	0.0029	0.0002	0.0840
Lav Truck	0	175	2.1547	0.5090	0.0043	0.0005	0.0818
Lawn & Garden Tractors	0	15	3.7285	0.0383	0.0025	0.0002	0.0527
Lawn & Garden Tractors	0	15	3.9960	0.0470	0.0023	0.0002	0.0802
Lawn & Garden Tractors	16	25	6.1162	0.0568	0.0038	0.0002	0.0837
Lawn & Garden Tractors	16	25	6.4487	0.0654	0.0035	0.0002	0.1231
Lawn & Garden Tractors	26	50	2.6879	0.1827	0.0020	0.0003	0.0927
Lawn Mowers	0	5	0.5259	0.0072	0.0043	0.0000	0.0284
Lawn Mowers	0	5	0.9360	0.0093	0.0033	0.0000	0.0426
Leaf Blowers/Vacuums	0	5	0.3552	0.0028	0.0016	0.0000	0.0102
Leaf Blowers/Vacuums	0	5	0.5378	0.0040	0.0014	0.0000	0.0213
Lift	0	120	4.9401	0.9340	0.0066	0.0008	0.2865
Maint. Truck	0	175	3.7040	1.1962	0.0086	0.0011	0.1625
Minibikes	0	5	1.9152	0.0074	0.0079	0.0001	0.2975
Off-Road Motorcycles	0	15	0.0619	0.0012	0.0001	0.0002	0.0027
Off-Road Motorcycles	16	25	0.0619	0.0012	0.0001	0.0004	0.0027
Off-Road Motorcycles	26	50	0.0619	0.0012	0.0001	0.0006	0.0027
Off-Road Motorcycles Inactive	0	15	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road Motorcycles Inactive	16	25	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road Motorcycles Inactive	26	50	0.0000	0.0000	0.0000	0.0000	0.0000
Other Agricultural Equipment	0	5	0.8318	0.0224	0.0007	0.0001	0.0499
Other Agricultural Equipment	6	15	3.6035	0.0503	0.0423	0.0001	0.1241

Table 20
Four-stroke Gasoline Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Other Agricultural Equipment	16	25	9.0935	0.1129	0.1057	0.0003	0.2895
Other Agricultural Equipment	26	50	3.1692	0.2366	0.0021	0.0003	0.1249
Other Agricultural Equipment	51	120	3.2905	0.7903	0.0049	0.0006	0.1953
Other Agricultural Equipment	121	175	3.9311	1.7638	0.0099	0.0012	0.2225
Other Agricultural Equipment	176	250	7.1106	2.7313	0.0179	0.0022	0.3494
Other Construction Equipment	0	175	3.3499	0.6505	0.0080	0.0010	0.0909
Other General Industrial Equipmen	0	15	2.4441	0.0399	0.0022	0.0001	0.0550
Other General Industrial Equipmen	16	25	5.8406	0.0927	0.0050	0.0002	0.1388
Other General Industrial Equipmen	26	50	4.3146	0.1540	0.0021	0.0003	0.0876
Other General Industrial Equipmen	51	120	3.7126	0.4662	0.0056	0.0007	0.1330
Other General Industrial Equipmen	121	175	5.5347	1.0455	0.0124	0.0016	0.1562
Other GSE	0	50	4.9451	0.3240	0.0033	0.0005	0.1784
Other Lawn & Garden Equipment	0	5	1.0392	0.0138	0.0058	0.0001	0.0397
Other Lawn & Garden Equipment	0	5	1.7313	0.0128	0.0043	0.0001	0.0671
Other Lawn & Garden Equipment	6	15	2.6213	0.0348	0.0017	0.0001	0.0474
Other Lawn & Garden Equipment	6	15	3.0108	0.0326	0.0015	0.0001	0.0587
Other Lawn & Garden Equipment	16	25	5.9123	0.0688	0.0037	0.0002	0.1060
Other Lawn & Garden Equipment	16	25	6.6093	0.0625	0.0032	0.0002	0.1229
Other Lawn & Garden Equipment	26	50	3.6535	0.2680	0.0028	0.0004	0.1313
Other Lawn & Garden Equipment	51	120	4.5648	1.0824	0.0078	0.0010	0.2468
Other Material Handling Equipment	0	50	5.2448	0.3028	0.0029	0.0005	0.1959
Other Material Handling Equipment	51	120	2.9415	0.5556	0.0038	0.0005	0.1728
Passenger Stand	0	175	3.8590	1.4593	0.0098	0.0011	0.1867
Paving Equipment	0	5	0.8570	0.0245	0.0007	0.0001	0.0549
Paving Equipment	6	15	3.5050	0.0605	0.0468	0.0002	0.1018
Paving Equipment	16	25	8.0378	0.1219	0.1030	0.0003	0.2248
Paving Equipment	26	50	4.3227	0.2987	0.0029	0.0005	0.1648
Paving Equipment	51	120	3.3632	0.7604	0.0052	0.0006	0.1965
Plate Compactors	0	5	0.7887	0.0230	0.0007	0.0001	0.0516
Plate Compactors	6	15	2.6139	0.0452	0.0349	0.0001	0.0761
Pressure Washers	0	5	2.0959	0.0369	0.0137	0.0001	0.1591
Pressure Washers	0	5	2.7126	0.0345	0.0137	0.0001	0.2141

Table 20
Four-stroke Gasoline Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Pressure Washers	6	15	3.8534	0.0534	0.0030	0.0002	0.1284
Pressure Washers	6	15	4.1169	0.0499	0.0030	0.0002	0.1546
Pressure Washers	16	25	9.8593	0.1275	0.0076	0.0004	0.2908
Pressure Washers	16	25	10.4367	0.1136	0.0076	0.0004	0.3531
Pressure Washers	26	50	4.6052	0.3346	0.0033	0.0005	0.1768
Pumps	0	5	0.9526	0.0212	0.0046	0.0001	0.0779
Pumps	0	5	1.3430	0.0187	0.0074	0.0001	0.1097
Pumps	6	15	3.4233	0.0560	0.0435	0.0001	0.1092
Pumps	6	15	3.7078	0.0510	0.0412	0.0001	0.1324
Pumps	16	25	7.2053	0.1150	0.0931	0.0003	0.1975
Pumps	16	25	7.6482	0.1022	0.0909	0.0003	0.2366
Pumps	26	50	4.3047	0.2940	0.0028	0.0004	0.1692
Pumps	51	120	5.6592	1.2576	0.0085	0.0011	0.3403
Pumps	121	175	5.3106	2.1516	0.0131	0.0016	0.2786
Rear Engine Riding Mowers	0	15	1.9326	0.0234	0.0015	0.0001	0.0326
Rear Engine Riding Mowers	0	15	2.0965	0.0255	0.0013	0.0001	0.0492
Rear Engine Riding Mowers	16	25	3.8747	0.0438	0.0028	0.0002	0.0619
Rear Engine Riding Mowers	16	25	4.1037	0.0434	0.0024	0.0002	0.0903
Rollers	0	5	1.3112	0.0292	0.0010	0.0001	0.0654
Rollers	6	15	3.1558	0.0604	0.0443	0.0002	0.0821
Rollers	16	25	7.0714	0.1179	0.0935	0.0003	0.1830
Rollers	26	50	6.1896	0.3414	0.0030	0.0005	0.2622
Rollers	51	120	5.5561	0.9720	0.0062	0.0008	0.3590
Rough Terrain Forklifts	0	50	7.0363	0.4287	0.0039	0.0006	0.2894
Rough Terrain Forklifts	51	120	5.6242	1.1003	0.0071	0.0009	0.3528
Rough Terrain Forklifts	121	175	5.1440	2.0541	0.0118	0.0015	0.2767
Rubber Tired Loaders	0	50	5.4795	0.3233	0.0029	0.0005	0.2299
Rubber Tired Loaders	51	120	4.3927	0.8243	0.0051	0.0006	0.2799
Sailboat Auxiliary Inboard Engine	0	15	1.2957	0.0389	0.0005	0.0001	0.0484
Service Truck	0	250	2.2797	0.7847	0.0048	0.0006	0.1145
Shredders	0	5	1.2482	0.0318	0.0010	0.0001	0.0712
Shredders	0	5	2.5030	0.0187	0.0090	0.0001	0.0944

Table 20
Four-stroke Gasoline Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Shredders	6	15	3.9247	0.0722	0.0508	0.0002	0.0981
Signal Boards	0	5	1.5102	0.0374	0.0012	0.0001	0.0837
Signal Boards	6	15	3.4386	0.0654	0.0483	0.0002	0.0888
Skid Steer Loaders	0	15	4.6371	0.0883	0.0644	0.0002	0.1251
Skid Steer Loaders	16	25	6.6558	0.1106	0.0875	0.0003	0.1774
Skid Steer Loaders	26	50	3.3208	0.1721	0.0025	0.0004	0.0987
Skid Steer Loaders	51	120	3.0505	0.5658	0.0061	0.0008	0.1518
Snowblowers	0	5	0.8453	0.0041	0.0027	0.0000	0.0169
Snowblowers	0	5	1.1547	0.0082	0.0024	0.0000	0.0386
Snowblowers	6	15	1.9651	0.0178	0.0010	0.0001	0.0240
Snowblowers	6	15	2.2565	0.0241	0.0010	0.0001	0.0402
Snowblowers	16	25	3.7080	0.0297	0.0018	0.0001	0.0444
Snowblowers	16	25	4.1509	0.0385	0.0018	0.0001	0.0711
Specialty Vehicles Carts	0	5	1.4336	0.0117	0.0065	0.0001	0.0417
Specialty Vehicles Carts	6	15	2.3172	0.0275	0.0014	0.0001	0.0374
Specialty Vehicles Carts	16	25	6.6758	0.0695	0.0039	0.0003	0.1063
Sprayers	0	5	0.7549	0.0204	0.0007	0.0001	0.0459
Sprayers	6	15	2.4679	0.0303	0.0239	0.0001	0.0940
Sprayers	16	25	5.9466	0.0658	0.0581	0.0002	0.2063
Sprayers	26	50	3.0736	0.2298	0.0022	0.0003	0.1178
Sprayers	51	120	2.7894	0.6842	0.0045	0.0006	0.1628
Sprayers	121	175	3.6165	1.5463	0.0093	0.0012	0.1925
Surfacing Equipment	0	5	0.8556	0.0260	0.0008	0.0001	0.0583
Surfacing Equipment	6	15	2.2215	0.0446	0.0311	0.0001	0.0606
Surfacing Equipment	16	25	5.6001	0.0978	0.0739	0.0002	0.1519
Swathers	0	120	3.8013	0.9220	0.0061	0.0008	0.2228
Swathers	121	175	3.4826	1.4849	0.0089	0.0011	0.1855
Sweeper	0	120	2.6491	0.5043	0.0036	0.0004	0.1528
Sweepers/Scrubbers	0	15	3.2107	0.0507	0.0027	0.0002	0.0696
Sweepers/Scrubbers	16	25	7.6679	0.1166	0.0063	0.0003	0.1768
Sweepers/Scrubbers	26	50	5.2090	0.1876	0.0033	0.0005	0.0979
Sweepers/Scrubbers	51	120	3.2076	0.4178	0.0064	0.0008	0.1019

Table 20
Four-stroke Gasoline Off-road Equipment Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Sweepers/Scrubbers	121	175	5.6219	0.8870	0.0131	0.0016	0.1246
Tampers/Rammers	0	15	3.0572	0.0488	0.0391	0.0001	0.0960
Tillers	0	5	0.7179	0.0107	0.0040	0.0001	0.0287
Tillers	0	5	1.0619	0.0103	0.0038	0.0001	0.0519
Tillers	6	15	3.3896	0.0421	0.0024	0.0001	0.1222
Tractors/Loaders/Backhoes	0	120	3.5533	0.5602	0.0040	0.0005	0.2161
Transport Refrigeration Units	0	15	3.4178	0.0582	0.0032	0.0002	0.0803
Trenchers	0	15	3.7382	0.0732	0.0524	0.0002	0.0995
Trenchers	16	25	8.3324	0.1421	0.1100	0.0003	0.2207
Trenchers	26	50	4.6713	0.2862	0.0026	0.0004	0.1918
Trenchers	51	120	4.5416	0.8942	0.0058	0.0007	0.2844
Trimmers/Edgers/Brush Cutters	0	5	0.1404	0.0036	0.0001	0.0000	0.0080
Trimmers/Edgers/Brush Cutters	0	5	0.2634	0.0026	0.0012	0.0000	0.0157
Vessels w/Inboard Engines	0	250	14.3793	0.6702	0.0081	0.0010	0.5225
Vessels w/Inboard Jet Engines	0	500	17.3599	0.7825	0.0096	0.0012	0.6366
Vessels w/Outboard Engines	0	50	4.1367	0.1269	0.0018	0.0002	0.1575
Vessels w/Sterndrive Engines	0	250	10.7381	0.4831	0.0060	0.0007	0.3895
Water Truck	0	175	1.6340	0.6055	0.0040	0.0005	0.0797
Welders	0	15	3.8508	0.0512	0.0410	0.0002	0.1425
Welders	16	25	5.7473	0.0747	0.0660	0.0002	0.1844
Welders	26	50	4.6766	0.3295	0.0030	0.0005	0.1907
Welders	51	120	3.2501	0.7369	0.0047	0.0006	0.2004
Welders	121	175	3.4899	1.5130	0.0088	0.0011	0.1945
Wood Splitters	0	5	1.3763	0.0179	0.0096	0.0001	0.0634
Wood Splitters	0	5	2.5583	0.0183	0.0058	0.0001	0.0851

[a] These are composite horsepower-based off-road emission factors for 2008 developed by running CARB's OFFROAD2007 Model (November 1, 2006 version with November 7, 2006 corrected version of growth.csv file). Total daily emissions from the model for each type of equipment within each horsepower range were divided by the total daily operating hours for the equipment within each horsepower range to calculate hourly emissions from individual pieces of equipment.

Table 21

Diesel Off-road 2006 Model Year Scraper Emission Factors for 2008 in Mojave Desert AQMD Jurisdiction by Equipment Catgeory and Horsepower Range[a]

Equipment Type	HP Range		Emission Factor (lb/hr)				
	From	To	CO	NOx	PM10	SOx	VOC
Scrapers	0	120	0.5793	0.8476	0.0429	0.0011	0.0633
Scrapers	121	175	0.7920	1.1742	0.0449	0.0017	0.0876
Scrapers	176	250	0.3813	1.6360	0.0404	0.0024	0.1025
Scrapers	251	500	0.5690	1.3952	0.0615	0.0032	0.1468
Scrapers	501	750	0.9814	2.4062	0.1060	0.0056	0.2533

[a] These are composite horsepower-based off-road emission factors for 2006 model year during 2008 developed by running CARB's OFFROAD2007 Model December 15, 2006 version) and specifying output by model year.
Total daily emissions from the model for each type of equipment within each horsepower range were divided by the total daily operating hours for the equipment within each horsepower range to calculate hourly emissions from individual pieces of equipment.

Table 22
Fugitive Dust PM10 Emission Factors

Soil Dropping During Excavation

Emission Factor [lb/cu. yd] = 0.0011 x (mean wind speed [mi/hr] / 5)$^{1.3}$ / (moisture [%] / 2)$^{1.4}$ x (number drops per ton) x (density [ton/cu. yd])
Reference: AP-42, Equation (1), Section 13.2.4, January 1995

Parameter	Value	Basis
Mean Wind Speed	12	SCAQMD 1993 CEQA Air Quality Handbook, Default
Moisture	15	"Open Fugitive Dust PM10 Control Strategies Study," Midwest Research Institute, October 12, 1990, moist soil.
Number Drops	4	Assumption
Soil Density	1.215	Table 2.46, Handbook of Solid Waste Management

PM10 Emission Factor (Uncontrolled)	9.94E-04	lb/cu. yd
Reduction from Watering Twice/Day	50%	
Controlled PM10 Emission Factor	4.97E-04	lb/cu. yd
Controlled PM2.5 Emission Factor[a]	1.03E-04	lb/cu. yd

[a] PM2.5 emission factor [lb/hr] = PM10 emission factor [lb/hr] x PM2.5 fraction of PM10
PM2.5 Fraction of PM10 in Construction Dust = 0.208 from Appendix A, Final–Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, SCAQMD, October 2006

Emissions [pounds per day] = Controlled emission factor [pounds per cubic yard] x Volume soil handled [cubic yards per day]

Table 22
Fugitive Dust PM10 Emission Factors

Storage Pile Wind Erosion

Emission Factor [lb/day-acre] = 0.85 x (silt content [%] / 1.5) x (365 / 235) x (percentage of time unobstructed wind exceeds 12 mph / 15)
Reference: Fugitive Dust Background Document and Technical Information Document for Best Available Control Measures, EPA, September 1992

Parameter	Value	Basis
Silt Content	7.5	SCAQMD 1993 CEQA Air Quality Handbook, Overburden
Pct. time wind > 12 mph	13.3	"Emissions Inventory Guidance, Mineral Handling and Processing Industries," MDAQMD, April 10, 2000, p. 17.

PM10 Emission Factor (Uncontrolled)	5.9	lb/day-acre
Reduction from Watering Twice/Day	50%	
Controlled PM10 Emission Factor	2.9	lb/day-acre
Controlled PM2.5 Emission Factor[a]	0.6	lb/day-acre

[a] PM2.5 emission factor [lb/hr] = PM10 emission factor [lb/hr] x PM2.5 fraction of PM10
PM2.5 Fraction of PM10 in Construction Dust = 0.208 from Appendix A, Final–Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, SCAQMD, October 2006

Emissions [pounds per day] = Controlled emission factor [pounds per acre-day] x Storage pile surface area [acres]

Table 22
Fugitive Dust PM10 Emission Factors

Bulldozing and Grading

Emission Factor [lb/hr] = 0.75 x (silt content [%])$^{1.5}$ / (moisture)$^{1.4}$
Reference: AP-42, Table 11.9-1, July 1998

Parameter	Value	Basis
Silt Content	7.5	SCAQMD 1993 CEQA Air Quality Handbook, Overburden
Moisture	15	SCAQMD 1993 CEQA Air Quality Handbook, Moist Soil

PM10 Emission Factor (Uncontrolled)	0.348	lb/hr
Reduction from Watering Twice/Day	0%	
Controlled PM10 Emission Factor	0.348	lb/hr
Controlled PM2.5 Emission Factor[a]	0.072	lb/hr

[a] PM2.5 emission factor [lb/hr] = PM10 emission factor [lb/hr] x PM2.5 fraction of PM10
PM2.5 Fraction of PM10 in Construction Dust = 0.208 from Appendix A, Final–Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, SCAQMD, October 2006

Emissions [pounds per day] = Controlled emission factor [pounds per hour] x Bulldozing or grading time [hours/day]

Table 22
Fugitive Dust PM10 Emission Factors

Vehicles on Unpaved Surfaces

Emission Factor [lb/mi] = 1.5 x (silt content [%] / 12)$^{0.9}$ x (vehicle weight [tons] / 3)$^{0.45}$
Reference: AP-42, Section 13.2.2, December 2003 for industrial unpaved roads

Parameter	Value	Basis
Silt Content	7.5	SCAQMD 1993 CEQA Air Quality Handbook, Overburden
Vehicle Weight	20	Average of 30 tons loaded and 10 tons empty weights

PM10 Emission Factor (Uncontrolled)	2.308	lb/mi	
Reduction from Watering Twice/Day	68%		from SCAQMD 1993 CEQA Air Quality Handbook, Table 11-4
Controlled PM10 Emission Factor	0.738	lb/mi	
Controlled PM2.5 Emission Factor[a]	0.157	lb/mi	

[a] PM2.5 emission factor [lb/hr] = PM10 emission factor [lb/hr] x PM2.5 fraction of PM10
PM2.5 Fraction of PM10 in Unpaved Road Dust = 0.212 from Appendix A, Final–Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, SCAQMD, October 2006

Emissions [pounds per day] = Controlled emission factor [pounds per mile] x Miles traveled [miles/day]

Table 23-A
2008 Motor Vehicle Emission Factors

Vehicle Type	Vehicle Class	Emission Factors								
		CO (lb/mi)	VOC (lb/mi)	NO_x (lb/mi)	SO_x (lb/mi)	Exh. PM10 (lb/mi)	Fug. PM10 (lb/mi)	Diesel PM (lb/mi)	Exh. PM2.5 (lb/mi)	Fug. PM2.5 (lb/mi)
On-Site Welding Truck	MDV-CAT	0.01049	0.00068	0.00168	0.00001	0.00006	0.73845	0.00000	0.00005	0.15656
On-Site Fuel/Lube Truck	MDV-CAT	0.01049	0.00068	0.00168	0.00001	0.00006	0.73845	0.00000	0.00005	0.15656
On-Site Flatbed Truck	MHDT-CAT	0.07565	0.00522	0.01217	0.00000	0.00000	0.73840	0.00000	0.00000	0.15654
On-Site Flatbed Truck, 2 Ton	MHDT-CAT	0.07565	0.00522	0.01217	0.00000	0.00000	0.73840	0.00000	0.00000	0.15654
On-Site Flatbed Truck, 5 Ton	MHDT-CAT	0.07565	0.00522	0.01217	0.00000	0.00000	0.73840	0.00000	0.00000	0.15654
On-Site Mechanics Truck	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.73854	0.00183	0.00169	0.15659
On-Site Watering Truck	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.73854	0.00183	0.00169	0.15659
On-Site Dump Truck	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.73854	0.00183	0.00169	0.15659
On-Site Pickup Truck	LDT1-CAT	0.01698	0.00103	0.00161	0.00001	0.00005	0.73845	0.00000	0.00004	0.15656
On-Site Cement Trucks	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.73854	0.00183	0.00169	0.15659
On-Site Semi Tractor	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.73854	0.00183	0.00169	0.15659
Off-Site Flat Bed Trucks	MDV-CAT	0.01049	0.00068	0.00168	0.00001	0.00006	0.00090	0.00000	0.00005	0.00016
Off-Site Asphalt Trucks	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.00100	0.00183	0.00169	0.00019
Off-Site Cement Trucks	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.00100	0.00183	0.00169	0.00019
Off-Site Construction Worker Commute	LDT1-CAT	0.01698	0.00103	0.00161	0.00001	0.00005	0.00090	0.00000	0.00004	0.00016
Off-Site Dump Trucks	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.00100	0.00183	0.00169	0.00019
Off-Site Low Boy Trucks	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.00100	0.00183	0.00169	0.00019
Off-Site Pickup Trucks	LDT1-CAT	0.01698	0.00103	0.00161	0.00001	0.00005	0.00090	0.00000	0.00004	0.00016
Off-Site Pipe Hauling Trucks	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.00100	0.00183	0.00169	0.00019
Off-Site Water Trucks	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.00100	0.00183	0.00169	0.00019
Off-Site Tractor-Trailer	HHDT-DSL	0.01073	0.00297	0.04149	0.00004	0.00183	0.00100	0.00183	0.00169	0.00019
Off-Site Fuel/Lube Trucks	MDV-CAT	0.01049	0.00068	0.00168	0.00001	0.00006	0.00090	0.00000	0.00005	0.00016

Note: The emission factors, except fugitive emissions from entrained road dust, were compiled by running the California Air Resources Board's EMFAC2007 (version 2.3) Burden Model and dividing calculated daily emissions by daily vehicle-miles-traveled.
Welding trucks, fuel/lube trucks and flatbed trucks are assumed to be Medium-Duty Catalyst Equipped Vehicles.
Pickup trucks and construction worker commuting vehicles are assumed to be Light-Duty Trucks 1.
All other vehicles are assumed to be heavy heavy-duty diesel vehicles.
All the emission factors account for the emissions from start, running and idling exhaust. In addition, the VOC emission factors take into account diurnal, hot soak, running and resting emissions, and fugitive PM10 and PM2.5 emission factors take into account tire and brake wear and entrained paved or unpaved road dust.

Emissions [pounds/day] = Emission factor [pounds/mile] x Vehicle miles traveled [miles/day]

Table 23-B
Motor Vehicle Entrained Paved Road PM10 Emission Factors

Vehicle Type	On-Road Average Vehicle Weight (tons)[a]	Road Type	Silt Loading (g/m2)[b]	PM10 Emission Factor (lb/mi)[c]	PM2.5 Emission Factor (lb/mi)[d]
Off-Site Flat Bed Trucks	2.4	Collector	0.037	0.0009	0.0001
Off-Site Asphalt Trucks	2.4	Collector	0.037	0.0009	0.0001
Off-Site Cement Trucks	2.4	Collector	0.037	0.0009	0.0001
Off-Site Construction Worker Commute	2.4	Collector	0.037	0.0009	0.0001
Off-Site Dump Trucks	2.4	Collector	0.037	0.0009	0.0001
Off-Site Low Boy Trucks	2.4	Collector	0.037	0.0009	0.0001
Off-Site Pickup Trucks	2.4	Collector	0.037	0.0009	0.0001
Off-Site Pipe Hauling Trucks	2.4	Collector	0.037	0.0009	0.0001
Off-Site Water Trucks	2.4	Collector	0.037	0.0009	0.0001
Off-Site Tractor-Trailer	2.4	Collector	0.037	0.0009	0.0001
Off-Site Fuel/Lube Trucks	2.4	Collector	0.037	0.0009	0.0001

[a] Average on-road vehicle weight in San Bernardino County from ARB Emission Inventory Methodology 7.9, Entrained Paved Road Dust (1997)

[b] From ARB Emission Inventory Methodology 7.9, Entrained Paved Road Dust (1997)

[c] Emission factor [g/mi] = 7.26 (Silt Loading/2)$^{0.65}$ (Weight/3)$^{1.5}$,
from ARB Emission Inventory Methodology 7.9, Entrained Paved Road Dust (1997)

[d] PM2.5 emission factor [lb/hr] = PM10 emission factor [lb/hr] x PM2.5 fraction of PM10
PM2.5 Fraction of PM10 in Paved Road Dust = 0.169 from Appendix A, Final–Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, SCAQMD, October 2006

Emissions [pounds/day] = Emission factor [pounds/mile] x Vehicle miles traveled [miles/day]

Table 24-A
Mojave Desert AQMD Jurisdiction 2008 On-Road Motor Vehicle Emission Factors

Vehicle Class	Emission Factors[a]												
	CO (lb/mi)	VOC (lb/mi)	NO_x (lb/mi)	SO_x (lb/mi)	PM10 Exh (lb/mi)	PM10 Tire (lb/mi)	PM10 Brake (lb/mi)	PM10 Tire + Brake (lb/mi)	Diesel PM (lb/mi)	PM2.5 Exh (lb/mi)	PM2.5 Tire (lb/mi)	PM2.5 Brake (lb/mi)	PM2.5 Tire + Brake (lb/mi)
LDA-NCAT	1.94E-01	2.56E-02	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
LDA-CAT	9.47E-03	6.26E-04	9.11E-04	8.24E-06	3.57E-05	1.65E-05	2.75E-05	4.39E-05	0.00E+00	3.31E-05	4.12E-06	1.18E-05	1.59E-05
LDA-DSL	1.18E-03	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
LDT1-NCAT	1.92E-01	2.24E-02	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
LDT1-CAT	1.70E-02	1.03E-03	1.61E-03	9.21E-06	4.61E-05	1.84E-05	2.76E-05	4.61E-05	0.00E+00	4.27E-05	4.61E-06	1.19E-05	1.65E-05
LDT1-DSL	1.15E-03	1.27E-04	3.44E-03	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04	1.17E-04	0.00E+00	0.00E+00	0.00E+00
LDT2-NCAT	1.86E-01	2.11E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
LDT2-CAT	1.22E-02	7.33E-04	1.72E-03	1.17E-05	7.63E-05	1.76E-05	2.93E-05	4.69E-05	0.00E+00	7.08E-05	4.40E-06	1.26E-05	1.70E-05
LDT2-DSL	1.82E-03	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MDV-NCAT	3.50E-01	2.33E-02	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MDV-CAT	1.05E-02	6.79E-04	1.68E-03	1.15E-05	5.76E-05	2.30E-05	2.30E-05	4.61E-05	0.00E+00	5.34E-05	5.76E-06	9.88E-06	1.56E-05
MDV-DSL	2.22E-03	0.00E+00	4.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
LHDT1-NCAT	3.20E-01	4.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
LHDT1-CAT	1.45E-02	1.73E-03	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
LHDT1-DSL	1.61E-03	2.30E-04	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
LHDT2-NCAT	2.60E-01	4.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
LHDT2-CAT	2.58E-02	3.64E-03	5.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
LHDT2-DSL	1.85E-03	3.08E-04	1.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MHDT-NCAT	1.02E+00	1.60E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MHDT-CAT	7.57E-02	5.22E-03	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MHDT-DSL	4.35E-03	4.08E-04	2.69E-02	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-04	5.01E-04	0.00E+00	0.00E+00	0.00E+00
HHDT-CAT	1.49E-01	7.50E-03	3.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
HHDT-DSL	1.07E-02	2.97E-03	4.15E-02	3.76E-05	1.83E-03	8.14E-05	6.26E-05	1.44E-04	1.83E-03	1.69E-03	2.04E-05	2.69E-05	4.72E-05
OBUS-CAT	6.44E-02	4.44E-03	1.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OBUS-DSL	5.00E-03	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
SBUS-NCAT	2.40E-01	2.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
SBUS-CAT	1.00E-01	2.00E-02	2.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
SBUS-DSL	9.33E-03	6.67E-04	3.00E-02	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	1.33E-03	1.23E-03	0.00E+00	0.00E+00	0.00E+00
UB-CAT	4.50E-02	5.00E-03	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
UB-DSL	3.33E-03	0.00E+00	2.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MH-NCAT	3.08E-01	8.00E-03	8.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MH-CAT	3.48E-02	9.68E-04	5.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MH-DSL	2.50E-03	0.00E+00	3.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MCY-NCAT	1.43E-01	1.09E-02	3.11E-03	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00
MCY-CAT	5.46E-02	7.64E-03	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

[a] Emission factors, except PM2.5, calculated by dividing total emissions [lb/day] from BURDEN output of EMFAC2007, version 2.3, by total VMT [mi/day] from BURDEN output. PM10 emission factors by mass fractions in table below.

Table 24-B
PM2.5 Mass Fractions of PM10

PM10 Category	Tech.	PM2.5 Fraction[a]
Exhaust	CAT	0.928
Exhaust	NCAT	0.756
Exhaust	DSL	0.920
Tire Wear	N/A	0.250
Brake Wear	N/A	0.429

[a] From Appendix A, Final–Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, SCAQMD, October 2006

Appendix G.4

Operation Emissions

Table G.4-1 Maximum Annual Emission Summary - All Sources

Source	NO_x	CO	VOC	PM_{10}	SO_2
	tpy	tpy	tpy	tpy	tpy
Gas Turbines	107.4	252.7	34.24	117.1	8.28
Auxiliary Boiler	0.10	0.65	0.05	0.065	0.005
HTF Heater	0.22	1.48	0.11	0.15	0.012
Emergency Generator	0.67	0.39	0.04	0.0222	0.0007
Fire Water Pump	0.03	0.026	0.001	0.0015	5E-05
Cooling Tower	n/a	n/a	n/a	3.6	n/a
Totals	108.4	255.3	34.4	120.9	8.30

Table G.4-2 Combustion Turbine Emissions

ENSR Case Number	Ambient temp., F	Relative humidity	Evaporative Cooling	Combustion Turbines Operating	Combustion Turbine Load	Combustion Turbine Heat Input, MMBtu/hr HHV each	Duct Burner Heat Input, MMBtu/hr HHV each	Solar	NOx Permit Limit, ppmvd at 15% O2	NOx, lb/hr
Case 1	18	60%	Evap Off	2	100%	1,736.4	-	No Solar	2.0	12.55
Case 2	59	60%	Evap On	2	100%	1,636.2	-	No Solar	2.0	11.83
Case 3	77	40%	Evap On	2	100%	1,599.6	-	No Solar	2.0	11.56
Case 4	98	28%	Evap On	2	100%	1,555.7	-	No Solar	2.0	11.25
Case 5	105	28%	Evap On	2	100%	1,535.3	-	No Solar	2.0	11.10
Case 6	18	60%	Evap Off	2	100%	1,736.4	424.3	No Solar	2.0	15.60
Case 7	59	60%	Evap On	2	100%	1,636.2	424.3	No Solar	2.0	14.88
Case 8	77	40%	Evap On	2	100%	1,599.6	424.3	No Solar	2.0	14.61
Case 9	98	28%	Evap On	2	100%	1,555.7	424.3	No Solar	2.0	14.30
Case 10	105	28%	Evap On	2	100%	1,535.3	424.3	No Solar	2.0	14.15
Case 11	18	60%	Evap Off	2	100%	1,736.4	212.1	w/ Solar	2.0	14.08
Case 12	59	60%	Evap On	2	100%	1,636.2	212.1	w/ Solar	2.0	13.35
Case 13	77	40%	Evap On	2	100%	1,599.6	212.1	w/ Solar	2.0	13.09
Case 14	98	28%	Evap On	2	100%	1,555.7	212.1	w/ Solar	2.0	12.77
Case 15	105	28%	Evap On	2	100%	1,535.3	212.1	w/ Solar	2.0	12.62
Case 16	18	60%	Evap Off	1	100%	1,736.4	-	No Solar	2.0	12.55
Case 17	59	60%	Evap On	1	100%	1,636.2	-	No Solar	2.0	11.83
Case 18	77	40%	Evap On	1	100%	1,599.6	-	No Solar	2.0	11.56
Case 19	98	28%	Evap On	1	100%	1,555.7	-	No Solar	2.0	11.25
Case 20	105	28%	Evap On	1	100%	1,535.3	-	No Solar	2.0	11.10
Case 21	18	60%	Evap Off	1	100%	1,736.4	212.1	No Solar	2.0	14.08
Case 22	59	60%	Evap On	1	100%	1,636.2	212.1	No Solar	2.0	13.35
Case 23	77	40%	Evap On	1	100%	1,599.6	212.1	No Solar	2.0	13.09
Case 24	98	28%	Evap On	1	100%	1,555.7	212.1	No Solar	2.0	12.77
Case 25	105	28%	Evap On	1	100%	1,535.3	212.1	No Solar	2.0	12.62
Case 26	18	60%	Evap Off	1	100%	1,736.4	106.1	w/ Solar	2.0	13.32
Case 27	59	60%	Evap On	1	100%	1,636.2	106.1	w/ Solar	2.0	12.59
Case 28	77	40%	Evap On	1	100%	1,599.6	106.1	w/ Solar	2.0	12.33
Case 29	98	28%	Evap On	1	100%	1,555.7	106.1	w/ Solar	2.0	12.01
Case 30	105	28%	Evap On	1	100%	1,535.3	106.1	w/ Solar	2.0	11.86
Case 31	18	60%	Evap Off	2	75%	1,413.4	-	No Solar	2.0	10.22
Case 32	59	60%	Evap Off	2	75%	1,317.7	-	No Solar	2.0	9.53
Case 33	77	40%	Evap Off	2	75%	1,272.6	-	No Solar	2.0	9.20
Case 34	98	28%	Evap Off	2	75%	1,205.1	-	No Solar	2.0	8.71
Case 35	105	28%	Evap Off	2	75%	1,178.7	-	No Solar	2.0	8.52
Case 36	18	60%	Evap Off	2	50%	1,123.9	-	No Solar	2.0	8.12
Case 37	59	60%	Evap Off	2	50%	1,052.6	-	No Solar	2.0	7.61
Case 38	77	40%	Evap Off	2	50%	1,014.0	-	No Solar	2.0	7.33
Case 39	98	28%	Evap Off	2	50%	959.6	-	No Solar	2.0	6.94
Case 40	105	28%	Evap Off	2	50%	939.2	-	No Solar	2.0	6.79
Case 41	18	60%	Evap Off	1	75%	1,413.4	-	No Solar	2.0	10.22
Case 42	59	60%	Evap Off	1	75%	1,317.7	-	No Solar	2.0	9.53
Case 43	77	40%	Evap Off	1	75%	1,272.6	-	No Solar	2.0	9.20
Case 44	98	28%	Evap Off	1	75%	1,205.1	-	No Solar	2.0	8.71
Case 45	105	28%	Evap Off	1	75%	1,178.7	-	No Solar	2.0	8.52
Case 46	18	60%	Evap Off	1	50%	1,123.9	-	No Solar	2.0	8.12
Case 47	59	60%	Evap Off	1	50%	1,052.6	-	No Solar	2.0	7.61
Case 48	77	40%	Evap Off	1	50%	1,014.0	-	No Solar	2.0	7.33
Case 49	98	28%	Evap Off	1	50%	959.6	-	No Solar	2.0	6.94
Case 50	105	28%	Evap Off	1	50%	939.2	-	No Solar	2.0	6.79

Table G.4-2 Combustion Turbine Emissions

ENSR Case Number	CO Permit Limit, ppmvd at 15% O2	CO Emissions at Permit Limit, lb/hr	VOC Permit Limit, ppmvd at 15% O2	VOC Emissions at Permit Limit, lb/hr	PM10 front and backhalf, lb/hr	SO2, lb/hr	NH3 Slip, ppmvd at 15% O2	NH3 Slip, lb/hr	Stack Gas Flow, acfm	Stack gas temp., F	Stack Diameter	Stack Gas Exit Velocity, ft/min
Case 1	2.00	7.64	1.40	3.06	12.0	0.000	5.0	11.6	1,090,481	197.3	18.5	4,057
Case 2	2.00	7.20	1.40	2.89	12.0	0.000	5.0	10.9	1,023,125	194.8	18.5	3,806
Case 3	2.00	7.04	1.40	2.82	12.0	0.000	5.0	10.7	1,001,784	195.3	18.5	3,727
Case 4	2.00	6.85	1.40	2.74	12.0	0.000	5.0	10.4	976,540	196.1	18.5	3,633
Case 5	2.00	6.76	1.40	2.71	12.0	0.000	5.0	10.3	964,649	196.4	18.5	3,589
Case 6	3.00	14.25	2.00	5.44	18.0	0.000	5.0	14.4	1,069,878	179.4	18.5	3,980
Case 7	3.00	13.59	2.00	5.19	18.0	0.000	5.0	13.8	1,007,442	178.6	18.5	3,748
Case 8	3.00	13.34	2.00	5.10	18.0	0.000	5.0	13.5	986,079	178.8	18.5	3,668
Case 9	3.00	13.05	2.00	4.98	18.0	0.000	5.0	13.2	960,965	179.0	18.5	3,575
Case 10	3.00	12.92	2.00	4.93	18.0	0.000	5.0	13.1	948,891	179.2	18.5	3,530
Case 11	3.00	12.86	2.00	4.91	18.0	0.000	5.0	13.0	1,060,638	176.7	18.5	3,946
Case 12	3.00	12.19	2.00	4.66	18.0	0.000	5.0	12.4	996,395	174.5	18.5	3,707
Case 13	3.00	11.95	2.00	4.56	18.0	0.000	5.0	12.1	975,219	174.6	18.5	3,628
Case 14	3.00	11.66	2.00	4.45	18.0	0.000	5.0	11.8	949,809	174.9	18.5	3,533
Case 15	3.00	11.53	2.00	4.40	18.0	0.000	5.0	11.7	937,851	175.1	18.5	3,489
Case 16	2.00	7.64	1.40	3.06	12.0	0.000	5.0	11.6	1,070,665	185.7	18.5	3,983
Case 17	2.00	7.20	1.40	2.89	12.0	0.000	5.0	10.9	1,000,705	180.3	18.5	3,723
Case 18	2.00	7.04	1.40	2.82	12.0	0.000	5.0	10.7	978,288	179.9	18.5	3,639
Case 19	2.00	6.85	1.40	2.74	12.0	0.000	5.0	10.4	953,733	180.7	18.5	3,548
Case 20	2.00	6.76	1.40	2.71	12.0	0.000	5.0	10.3	942,180	181.3	18.5	3,505
Case 21	3.00	12.86	2.00	4.91	18.0	0.000	5.0	13.0	1,054,210	172.7	18.5	3,922
Case 22	3.00	12.19	2.00	4.66	18.0	0.000	5.0	12.4	987,072	168.7	18.5	3,672
Case 23	3.00	11.95	2.00	4.56	18.0	0.000	5.0	12.1	967,185	169.3	18.5	3,598
Case 24	3.00	11.66	2.00	4.45	18.0	0.000	5.0	11.8	942,531	170.1	18.5	3,506
Case 25	3.00	11.53	2.00	4.40	18.0	0.000	5.0	11.7	931,192	170.5	18.5	3,464
Case 26	3.00	12.16	2.00	4.64	18.0	0.000	5.0	12.3	1,040,565	165.8	18.5	3,871
Case 27	3.00	11.50	2.00	4.39	18.0	0.000	5.0	11.7	976,377	163.4	18.5	3,632
Case 28	3.00	11.26	2.00	4.30	18.0	0.000	5.0	11.4	956,169	163.9	18.5	3,557
Case 29	3.00	10.97	2.00	4.19	18.0	0.000	5.0	11.1	932,310	164.6	18.5	3,468
Case 30	3.00	10.83	2.00	4.14	18.0	0.000	5.0	11.0	920,586	165.0	18.5	3,425
Case 31	2.00	6.22	1.40	2.49	12.0	0.000	5.0	9.5	840,560	180.6	18.5	3,127
Case 32	2.00	5.80	1.40	2.32	12.0	0.000	5.0	8.8	796,399	180.2	18.5	2,963
Case 33	2.00	5.60	1.40	2.25	12.0	0.000	5.0	8.5	778,360	180.4	18.5	2,896
Case 34	2.00	5.30	1.40	2.13	12.0	0.000	5.0	8.1	746,948	180.1	18.5	2,779
Case 35	2.00	5.19	1.40	2.08	12.0	0.000	5.0	7.9	737,862	180.7	18.5	2,745
Case 36	2.00	4.95	1.40	1.98	12.0	0.000	5.0	7.5	673,426	172.0	18.5	2,505
Case 37	2.00	4.63	1.40	1.86	12.0	0.000	5.0	7.0	650,883	171.8	18.5	2,421
Case 38	2.00	4.46	1.40	1.79	12.0	0.000	5.0	6.8	640,474	172.0	18.5	2,383
Case 39	2.00	4.22	1.40	1.69	12.0	0.000	5.0	6.4	628,590	177.2	18.5	2,338
Case 40	2.00	4.14	1.40	1.66	12.0	0.000	5.0	6.3	623,348	178.3	18.5	2,319
Case 41	2.00	6.22	1.40	2.49	12.0	0.000	5.0	9.5	835,491	176.8	18.5	3,108
Case 42	2.00	5.80	1.40	2.32	12.0	0.000	5.0	8.8	784,636	170.8	18.5	2,919
Case 43	2.00	5.60	1.40	2.25	12.0	0.000	5.0	8.5	765,600	169.7	18.5	2,848
Case 44	2.00	5.30	1.40	2.13	12.0	0.000	5.0	8.1	735,538	170.6	18.5	2,736
Case 45	2.00	5.19	1.40	2.08	12.0	0.000	5.0	7.9	727,418	171.6	18.5	2,706
Case 46	2.00	4.95	1.40	1.98	12.0	0.000	5.0	7.5	667,811	166.8	18.5	2,484
Case 47	2.00	4.63	1.40	1.86	12.0	0.000	5.0	7.0	643,302	164.5	18.5	2,393
Case 48	2.00	4.46	1.40	1.79	12.0	0.000	5.0	6.8	633,378	164.9	18.5	2,356
Case 49	2.00	4.22	1.40	1.69	12.0	0.000	5.0	6.4	617,895	166.3	18.5	2,299
Case 50	2.00	4.14	1.40	1.66	12.0	0.000	5.0	6.3	613,118	167.6	18.5	2,281

Sulfur content of natural gas is assumed to be 0.2 gr/100 scf.
Natural Gas higher heating value is 1,024 Btu/scf.
As a worst case, it is assumed that up 100% of S may be emitted as SO2.
Stack height is 164 ft and diameter is 18.5 ft per GE proposal
PM10 emissions are based on review of stack test data.
Emissions of NOx, VOC, and CO are based on GE guarantees.

Table G.4-3 Comparison of Emissions for Continuous Operation to Emissions with Startups and Shutdowns

Continuous Operation Emissions (100% load, 77 F, 8,760 total hr/yr)	**Operating hours/yr**	**NO_x** lb/hr	**NO_x** tpy	**CO** lb/hr	**CO** tpy	**VOC** lb/hr	**VOC** tpy	**PM_{10}** lb/hr	**PM_{10}** tpy	**SO_2** lb/hr	**SO_2** tpy
Without duct burning	6,760	23.1	78.1	14.08	47.6	5.64	19.1	24.0	81.1	1.78	6.02
With duct burning	2,000	29.2	29.2	26.68	26.7	10.2	10.2	36.0	36.0	2.26	2.26
Total	8,760	52.3	**107.4**	40.76	**74.3**	15.84	**29.3**	60.0	**117.1**	4.04	**8.28**
Emissions with SU/SD (includes normal operations and offline period associated with SU/SD [(a)]			87.6		252.7		34.2		n/a		n/a
Maximum Annual Emissions			**107.4**		**252.7**		**34.2**		**117.1**		**8.28**

(a) See Table G.4-4

Table G.4-4 Maximum Annual Emissions with Startups and Shutdowns

Start-up, Shutdown and Offline Events / Hours (Each Turbine)

Operating Mode	Number	Duration (SU/SD)		Offline		NO_x	CO
	of Events/yr	hr/event	hr/yr	hr/event	hr/yr	lb/stack	lb/stack
hot / warm start	260	1.3	347	6	1560	40	329
cold start	50	1.8	92	48	2400	96	410
shutdown	310	0.5	155	n/a	n/a	57	337
TOTALS			**593**		**3960**		

NOx, CO, and VOC lb/stack emission rates are based on GE guarantees

Annual NO_x Emissions with Start-up and Shutdown (Two Turbines)

Operating Mode	NO_x			
	hr/yr	lb/hr/turbine	total lb/hr	tpy
without duct burning	2,207	11.6	23.1	25.5
with duct burning	2,000	14.6	29.2	29.2
hot / warm start	347	30.0	60.0	10.4
cold start	92	52.4	104.7	4.8
shutdown	155	114.0	228.0	17.7
TOTALS	**4,800**	**223**	**445**	**88**

Annual CO Emissions with Start-up and Shutdown (Two Turbines)

Operating Mode	CO			
	hr/yr	lb/hr/turbine	total lb/hr	tpy
without duct burning	2,207	7.04	14.08	15.5
with duct burning	2,000	13.3	26.7	26.7
hot / warm start	347	247	494	85.5
cold start	92	224	447	20.5
shutdown	155	674	1,348	104.5
TOTALS	**4,800**	**1,165**	**2,330**	**253**

Annual VOC Emissions with Start-up and Shutdown (Two Turbines)

Operating Mode	VOC			
	hr/yr	lb/hr	total lb/hr	tpy
without duct burning	2,207	2.82	5.6	6.2
with duct burning	2,000	5.10	10.2	10.2
hot / warm start	347	21	42.0	7.3
cold start	92	17	33.8	1.6
shutdown	155	58	116.0	9.0
TOTALS	**4,800**	**104**	**208**	**34.24**

Table G.4-5 Emissions for the Natural Gas Fired Auxiliary Boiler

	Emission Factor [3] (lb/10^6 scf)	Emission Factor [3] (lb/MMBtu)	Emission Rate (lb/hr)	Emission Rate (tpy)
NO_x [1]	---	0.011	0.385	0.0963
VOC	5.50	0.005	0.188	0.0470
CO [1]	---	0.074	2.590	0.6475
SO_2 [2]	0.60	0.0006	0.021	0.0051
PM_{10} Total	7.60	0.007	0.260	0.0649
Lead	5.00E-04	4.88E-07	1.71E-05	4.27E-06

Notes

1 - Assumes 9 ppmvd NO_x and 100 ppmvd CO at 3% O_2 with low NO_x burners.

2 - Assumes 0.2 grains Sulfur/100 scf natural gas

3 - From AP42 - Table 1.4-1 and Table 1.4-2

Maximum annual operation **500 hr/yr**

Boiler Heat Input **Heating Value NG**

35 MMBtu/hr **1,024 Btu/scf**

Table G.4-6 Emissions for the Natural Gas Fired HTF Heater

Pollutant	Emission Factor [3] (lb/10^6 scf)	Emission Factor [3] (lb/MMBtu)	Emission Rate (lb/hr)	Emission Rate (tpy)
NO_x [1]	---	0.011	0.440	0.220
VOC	5.5	0.005	0.215	0.107
CO [1]	---	0.074	2.960	1.480
SO_2 [2]	0.6	0.0006	0.023	0.012
PM_{10} Total	7.6	0.007	0.297	0.148
Lead	5.00E-04	4.88E-07	1.95E-05	9.77E-06

Notes

1 - Assumes 9 ppmvd NO_x and 100 ppmvd CO at 3% O_2 with low NO_x burners.

2 - Assumes 0.2 grains Sulfur/100 scf natural gas

3 - From AP42 - Table 1.4-1 and Table 1.4-2

Maximum annual operation	**1,000**	**hr/yr**	
Boiler Heat Input		**Heating Value NG**	
40	**MMBtu/hr**	**1,024**	**Btu/scf**

Table G.4-7 Emissions from Emergency Diesel Generator

Emission estimates per Emergency Diesel Generator

Diesel engine output:	2,682	hp		2.0 MW
Diesel engine output:	6.82	MMBtu/hr		
Diesel engine input:	19.45	MMBtu/hr	Vendor data	
Maximum Annual Hours of Operation:	50	hours/year		
Stack Height:	30	feet	assumption	
Stack Diameter	1.79	feet		
Stack Flow Rate:	15,136	cfm	Vendor data	
Stack Gas Exit Temperature:	761.7	F	Vendor data	
Stack Gas Exit Velocity:	100.00	ft/s	assumption	

Pollutant	Emission Factor	Units	Hourly Emissions			Annual Emissions	
			(lb/hr)	(g/hp-hr)	(g/s)	(ton/yr)	(g/s)
NO_x			26.79	4.53	3.38	0.67	0.019
VOC			1.41	0.24	0.18	0.04	0.0010
CO			15.42	2.61	1.94	0.39	0.0111
SO_2	0.0015	percent by wt.	0.029	0.0050	0.0037	0.0007	0.00002
PM_{10} total			0.89	0.150	0.1118	0.0222	0.0006
Lead	9.E-06	lb/MMBtu	2.E-04	3.E-05	2.E-05	4.E-06	1.E-07

Sulfur Content of Fuel %	0.0015

NOTES:

1. The emission factor for SO2 is 1.01 times the sulfur content of the fuel. AP-42 Table 3.4-1 (10/96)
2. Emissions factors for Pb similar to BACT for recent permits (Steag Project). Remaining from Caterpillar.

Table G.4-8 Emissions from Firewater Pump Diesel Engine

Emission Estimates For Fire Water Pump

Diesel engine output:	182	hp	1.341 hp/kW
Diesel engine output:	0.46	MMBtu/hr	1hp = 2544 Btu/hr
Diesel engine input:	1.32	MMBtu/hr	
Maximum Annual Hours of Operation:	50	hours/year	
Stack Height:	30	feet	assumption
Stack Diameter	0.47	feet	
Stack Flow Rate:	1,027	cfm	Scaled from EDG (2682 hp)
Stack Gas Exit Temperature:	761.7	F	
Stack Gas Exit Velocity:	100.00	ft/s	assumption

Pollutant	Emission Factor	Units	Hourly Emissions			Annual Emissions	
			(lb/hr)	(g/hp-hr)	(g/s)	(ton/yr)	(g/s)
NO_x			1.14	2.83	0.14	0.03	0.001
VOC			0.06	0.15	0.01	0.00	0.0000
CO			1.05	2.61	0.13	0.03	0.001
SO_2	0.0015	percent by wt.	0.002	0.005	0.0003	0.0000	0.00000
PM_{10} total			0.060	0.150	0.008	0.00150	0.00004
Lead	9.E-06	lb/MMBtu	1.E-05	3.E-05	1.E-06	3.E-07	9.E-09

Sulfur Content of Fuel	0.0015

NOTES:

1. The emission factor for SO2 is 1.01 times the sulfur content of the fuel. AP-42 Table 3.4-1 (10/96)
2. Emissions factors for Pb similar to BACT for recent permits (Steag Project). Remaining from Caterpillar.
3. 182 hp per email dated june 30th from Russ Kingsley to Sara Head

Table G.4-9 COOLING TOWER PARTICULATE EMISSIONS ESTIMATES

Parameter	Units	Value
Water Circulation Rate	gpm	130,000
Total Liquid Drift	(%)	0.00050
Maximum TDS of Circulated Water	(ppmw)	5,000
Emission Rate - Total Cooling Tower		
TSP	lb/hr	1.63
	ton/yr	7.13
PM_{10}	lb/hr	0.81
	ton/yr	3.56

NOTES:

1. TSP Emission Rate = based on EPA AP-42, Section 13.4 Wet Cooling Towers, Table 13.4-1, modified to design
   Rates calculated as follows:
   E lb/hr = Water Circulation Rate gpm * 60 min/hr * Drift % / 100
   * 8.3453 lb/gal * TDS lb PM / 1,000,000 lb water
   E ton/yr = E lb/hr * 8,760 hr/yr * ton/2,000 lb
2. PM10 calculated from TSP, assumes 50% of TSP

Appendix G.5

Air Quality Modeling Files

AIR QUALITY MODELING FILES
PROVIDED UPON REQUEST

Appendix G.6

Air Quality Modeling Correspondence

Transmittal E-mail to the CEC

From: Head, Sara
Sent: Wednesday, January 17, 2007 6:08 PM
To: 'eallen@energy.state.ca.us'
Cc: Bachrach, Arrie; 'Barnett, Tom'; 'Redell, Frederick'
Subject: Victorville 2 Modeling Protocols

Attachments: Class II Modeling Protocol 121506.pdf; Class I Modeling Protocol 121506.pdf

Eileen -

Attached are two modeling protocols for the Victorville 2 project, one covers the vicinity of the project and the other addresses Class I Areas.

As requested by Arrie and I on the phone today, please distribute to the appropriate CEC staff for review. Let me know if you would also like a hard copy submittal. I will also be sending these protocols to the MDAQMD and EPA for their review.

Please confirm receipt of this email since the attachments are large files. Also let me know if you have any questions. Thank you for your assistance.

Sara J. Head
ENSR
1220 Avenida Acaso
Camarillo, CA 93012
shead@ensr.aecom.com
T: 805-388-3775, x 227
F: 805-388-3577; C: 805-320-8059
www.ensr.aecom.com

Transmittal E-mail to EPA and MDAQMD

From: Head, Sara
Sent: Wednesday, January 17, 2007 6:37 PM
To: 'Alan De Salvio'; Rios.Gerardo@epamail.epa.gov
Cc: 'Barnett, Tom'; 'Redell, Frederick'; Bachrach, Arrie
Subject: Victorville 2 Modeling Protocols

Attachments: Class II Modeling Protocol 121506.pdf; Class I Modeling Protocol 121506.pdf

Attached are the 2 modeling protocols for the proposed Victorville 2 Hybrid Power Project. We expect to submit a PSD application to EPA and an ATC application to MDAQMD, as well as an Application for Certification to the California Energy Commission, within the next 30 to 60 days.

One protocol addresses local area modeling using AERMOD and the other protocol addresses Class I area modeling with CALPUFF and VISCREEN. As described in the protocols, this project is a 570 MW combined-cycle plant along with 50 MW of solar power. Results of the preliminary modeling under the approaches described in these protocols are that all impacts (both locally and in the Class I areas) will be insignificant except for 24-hr PM10 near the fenceline, and those impacts are well below all applicable standards.

Please forward these protocols to the appropriate staff in your agency for review. Also, please let me know if one of you will forward the Class I Area protocol to the applicable Federal Land Managers, or if you would like me to email the file directly. I have also submitted the protocols to the CEC for their review.

Please confirm receipt of this email since the attachments are large files. Also let me know if you have any questions or comments. We look forward to your input and thank you for your assistance.

Sara J. Head
ENSR
1220 Avenida Acaso
Camarillo, CA 93012
shead@ensr.aecom.com
T: 805-388-3775, x 227
F: 805-388-3577; C: 805-320-8059
www.ensr.aecom.com

Response E-mail from the NPS

-----Original Message-----
From: Dee_Morse@nps.gov
Sent: Thursday, February 01, 2007 12:39 PM
To: Head, Sara
Cc: tprocter@fs.fed.us; Don_Shepherd@nps.gov; John_Bunyak@nps.gov; Judy_Rocchio@nps.gov; Luke_Sabala@nps.gov
Subject: Victorville 2 Modeling Protocol

Sara,

Thank you for sending us the Victorville 2 Class I air quality modeling protocol. Don Shepherd and I have reviewed the protocol and based on the information in the protocol we do not believe the emissions from the proposed Victorville facility will significantly impact resources at Joshua Tree National Park (closest NPS air quality Class I area). Therefore, we will not be providing any comments regarding the protocol. However, for our files, please send me a copy of the PSD permit application when it is completed.

Thanks,

Dee Morse
Environmental Protection Specialist
Air Resources Division
National Park Service
Phone: 303 969-2817
Fax: 303 969-2822
e-mail: dee_morse@nps.gov

----- Forwarded by Dee Morse/DENVER/NPS on 02/01/2007 01:29 PM -----
From: Don Shepherd
To: Dee Morse/DENVER/NPS@NPS
02/01/2007 11:13 AM MST
Subject: Fw: Victorville 2 Modeling Protocol

Dee,

I put the attachment on the N drive at N/ARD/Victorville 2. I made a copy of the protocol and will give it to you after I take a quick first look at it.

Don

Forwarded by Don Shepherd/DENVER/NPS on 02/01/2007 10:33 AM -----
From: "Head, Sara" <SHead@ensr.aecom
To: <Don_Shepherd@nps.gov>, <tprocter@fs.fed.us>

cc: "Alan De Salvio" <Adesalvio@mdaqmd.ca.gov>, Rios.Gerardo@epamail.epa.gov, <Bohnenkamp.Carol@epamail.epa.gov> "Paine, Bob" <BPaine@ensr.aecom.com>, "Balentine, Howard" <HBalentine@ensr.aecom.com>, "Barnett, Tom" <tbarnett@inlandenergy.com>, "Redell, Frederick" <fredredell@inlandenergy.com>
01/31/2007 09:07 PM EST
Subject: FW: Victorville 2 Modeling Protocol

Don Shepherd and Trent Proctor:

Inland Energy/City of Victorville is proposing a hybrid combined-cycle, solar thermal power plant in Southern California. This facility will be within 100 km of USDA Forest Service Cucamonga Wilderness Area (WA), San Gabriel WA, San Gorgonio WA, and San Jacinto WA. It will also be within 150 km of NPS Joshua Tree National Park. ENSR is performing the air quality impact analyses for this project. Can you please identify the applicable Federal Land Manager(s) that we should contact to provide a copy of the permit application when it is available? Can you also please forward the attached Class I Area Modeling Protocol to the proper person for review, and let me know when we can expect to receive input on this protocol? Thank you for your assistance.

Sara J. Head

ENSR
1220 Avenida Acaso
Camarillo, CA 93012
shead@ensr.aecom.com
T: 805-388-3775, x 227
F: 805-388-3577; C: 805-320-8059
www.ensr.aecom.com

-----Original Message-----
From: Rios.Gerardo@epamail.epa.gov [mailto:Rios.Gerardo@epamail.epa.gov]
Sent: Tuesday, January 30, 2007 7:34 AM
To: Head, Sara
Cc: Bachrach, Arrie; Alan De Salvio; Redell, Frederick; Barnett, Tom; Bohnenkamp.Carol@epamail.epa.gov
Subject: Re: Victorville 2 Modeling Protocols

Hi Sara,

I have received your email. I have forwarded your materials to Carol Bohnenkamp of our office. She will be the modeler working on this project.

By the way, please make sure to forward the modeling protocols and a copy of the permit applications to the FLMs.

Thanks,

Gerardo C. Rios
Chief, Permits Office
Air Division
NEW PHONE: (415) 972-3974
NEW FAX: (415) 947-3579

-----Original Message-----
From: Head, Sara
Sent: Wednesday, January 17, 2007 6:37 PM
To: 'Alan De Salvio'; Rios.Gerardo@epamail.epa.gov
Cc: 'Barnett, Tom'; 'Redell, Frederick'; Bachrach, Arrie
Subject: Victorville 2 Modeling Protocols

Attached are the 2 modeling protocols for the proposed Victorville 2 Hybrid Power Project. We expect to submit a PSD application to EPA and an ATC application to MDAQMD, as well as an Application for Certification to the California Energy Commission, within the next 30 to 60 days.

One protocol addresses local area modeling using AERMOD and the other protocol addresses Class I area modeling with CALPUFF and VISCREEN. As described in the protocols, this project is a 570 MW combined-cycle plant along with 50 MW of solar power. Results of the preliminary modeling under the approaches described in these protocols are that all impacts (both locally and in the Class I areas) will be insignificant except for 24-hr PM10 near the fenceline, and those impacts are well below all applicable standards.

Please forward these protocols to the appropriate staff in your agency for review. Also, please let me know if one of you will forward the Class I Area protocol to the applicable Federal Land Managers, or if you would like me to email the file directly. I have also submitted the protocols to the CEC for their review.

Please confirm receipt of this email since the attachments are large files. Also let me know if you have any questions or comments. We look forward to your input and thank you for your assistance.

Sara J. Head
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1220 Avenida Acaso
Camarillo, CA 93012
shead@ensr.aecom.com
T: 805-388-3775, x 227
F: 805-388-3577; C: 805-320-8059
www.ensr.aecom.com

Response E-mail from the US Forest Service

-----Original Message-----
From: Trent Procter [tprocter@fs.fed.us]
Sent: Thursday, February 01, 2007 1:52 PM
To: Head, Sara
Cc: Mike McCorison
Subject: RE: FW: Victorville 2 Modeling Protocol

Attachments: FLM Modeling Criteria Document 2ND DRAFT.pdf

Sara -- This draft serves as our best guidance at this time. If we need to discuss any details let me know. Trent

Trent Procter
Air Quality Program Manager
Pacific Southwest Region
559-784-1500 x1114

From: "Head, Sara" <SHead@ensr.aecom
To: "Trent Procter"<tprocter@fs.fed.us>
cc: "Mike McCorison"<mmccorison@fs.fed.us>, "Balentine, Howard" <HBalentine@ensr.aecom.com>, "Barnett, Tom" <tbarnett@inlandenergy.com>, "Redell, Frederick" <fredredell@inlandenergy.com>
02/01/2007 PM EST
Subject: RE: FW: Victorville 2 Modeling Protocol

Thanks Trent. We've seen some modeling guidance documents but to be sure we have the latest and that it's the same as what you have in mind, could you please email it to us or let us know if its available on a web site?

Sara

-----Original Message-----
From: Trent Procter [mailto:tprocter@fs.fed.us]
Sent: Thursday, February 01, 2007 10:43 AM
To: Head, Sara
Cc: Mike McCorison; don_shepherd@nps.gov; rios.herardo@epamail.epa.gov
Subject: Re: FW: Victorville 2 Modeling Protocol

Sara -- The primary contact for the USFS is our Air Quality Specialist In Southern California. Mike McCorison can be reached at 626-574-5286 or mmccorison@fs.fed.us/ I'm forwarding this to Mike. He and I will be involved in the review. We have a modeling protocol guidance document. Have you seen that? Trent

Trent Procter
Air Quality Program Manager

Pacific Southwest Region
559-784-1500 x1114

-----Original Message-----
Don Shepherd and Trent Proctor:

Inland Energy/City of Victorville is proposing a hybrid combined-cycle, solar thermal power plant in Southern California. This facility will be within 100 km of USDA Forest Service Cucamonga Wilderness Area (WA), San Gabriel WA, San Gorgonio WA, and San Jacinto WA. It will also be within 150 km of NPS Joshua Tree National Park. ENSR is performing the air quality impact analyses for this project. Can you please identify the applicable Federal Land Manager(s) that we should contact to provide a copy of the permit application when it is available? Can you also please forward the attached Class I Area Modeling Protocol to the proper person for review, and let me know when we can expect to receive input on this protocol? Thank you for your assistance.

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Sent: Tuesday, January 30, 2007 7:34 AM
To: Head, Sara
Cc: Bachrach, Arrie; Alan De Salvio; Redell, Frederick; Barnett, Tom; Bohnenkamp.Carol@epamail.epa.gov
Subject: Re: Victorville 2 Modeling Protocols

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Thanks,

Gerardo C. Rios

Chief, Permits Office
Air Division
NEW PHONE: (415) 972-3974
NEW FAX: (415) 947-3579

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From: Head, Sara
Sent: Wednesday, January 17, 2007 6:37 PM
To: 'Alan De Salvio'; Rios.Gerardo@epamail.epa.gov
Cc: 'Barnett, Tom'; 'Redell, Frederick'; Bachrach, Arrie
Subject: Victorville 2 Modeling Protocols

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shead@ensr.aecom.com
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F: 805-388-3577; C: 805-320-8059
www.ensr.aecom.com

(See attached file: Class I Modeling Protocol 121506.pdf)