

APPENDIX E-1:
CONSTRUCTION – REGIONAL EMISSIONS

Appendix E-1

Construction – Regional Emissions

- E-1a – Summary of Construction Regional Emissions
- E-1b – On-Site Related Construction Regional Emissions Worksheets
- E-1c – Off-Site Roadway Improvements URBEMIS2002 Output Files
 - Centinela Corridor
 - Intersection #11–Centinela Avenue and Culver Boulevard
 - Intersection #14–Centinela Avenue and La Tijera Boulevard
 - Intersection #77–Culver Boulevard and Inglewood Boulevard
 - Intersection #99–Centinela Avenue and Washington Place
 - Intersection #100–Overland Avenue and Culver Boulevard
 - Intersection #102–Sawtelle Avenue and Culver Boulevard
- E-1d – Trip Calculations and Number of Workers

E-1a

Summary of Construction Regional Emissions

Project Site Summary

Year	Emission Totals (lbs/day)				
	CO	NOx	PM10	ROC	SOx
2004	706.04	435.21	47.79	86.28	13.76
2005	670.90	412.61	46.83	81.98	13.76
2006	915.86	532.83	24.55	447.05	44.60
2007	230.52	178.52	6.98	301.35	16.54
2008	194.84	149.11	5.59	239.12	13.23
2009	107.82	69.34	2.78	274.61	10.37
2010	24.10	12.93	0.55	62.60	1.96
MAX	915.86	532.83	47.79	447.05	44.60
AQMD Threshold	550	100	150	75	150
Difference	365.9	432.8	(102.2)	372.1	(105.4)
Significant?	YES	YES	NO	YES	NO

WORST-CASE YEAR						
Construction Emissions Summary Including Offsite Roadway Improvements						
Source	Emission Totals (lbs/day)					
	CO	NOx	PM10	ROC	SOx	
Centinela Corridor.	84.25	76.86	11.13	10.62		0.02
Intersection #11	67.96	59.63	2.96	8.59		0.02
Intersection #14	84.12	76.23	6.41	10.58		0.02
Intersection #77	73.54	65.86	4.05	9.23		0.02
Intersection #99	68.08	60.14	3.32	8.77		0.02
Intersection #100	67.93	59.52	2.97	8.56		0.02
Intersection #102	67.93	59.52	2.86	8.56		0.02
Total Offsite	513.81	457.76	33.70	64.91		0.14
Onsite Construction	915.86	532.83	47.79	447.05		44.60
Total:	1429.67	990.59	81.49	511.96		44.74
AQMD Threshold	550	100	150	75		150
Difference	879.7	890.6	(68.5)	437.0		(105.3)
Significant?	YES	YES	NO	YES		NO
YEAR 2009						
Construction Emissions Summary Including Offsite Roadway Improvements						
Source	Emission Totals (lbs/day)					
	CO	NOx	PM10	ROC	SOx	
Centinela Corridor.	88.90	68.00	10.29	10.59		0.00
Intersection #11	70.90	53.75	2.33	8.58		0.00
Intersection #14	88.81	67.52	5.57	10.56		0.00
Intersection #77	77.33	58.57	3.32	9.20		0.00
Intersection #99	70.99	54.13	2.68	8.74		0.00
Intersection #100	70.88	53.67	2.34	8.54		0.00
Intersection #102	70.88	53.67	2.34	8.54		0.00
Total Offsite	538.69	409.31	28.87	64.75		0.00
Onsite Construction	107.82	69.34	2.78	274.61		10.37
Total:	646.51	478.65	31.65	339.36		10.37
AQMD Threshold	550	100	150	75		150
Difference	96.5	378.7	(118.4)	264.4		(139.6)
Significant?	YES	YES	NO	YES		NO

E - 1b

On-Site Related Construction Regional Emissions Worksheets

VI. INFRASTRUCTURE							22.5	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY		
		QUANTITY	UNIT	RATE	CDays	Ed/Cd	ED	2005																	2006				
Area 2																													
1.3	CLEAR & GRUB	106	Acres	1.88	56.533	2	113.067	Mos.																					
	AREA 2 GRADING						240	11.3																					
	Strip	4617	TSF	313	14.776	1	14.7756	0.657	15	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Scarify	4617	TSF	350	13.192	2	26.3849	0.586	15	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Compact	2801	TSF	203	13.831	3	41.493	0.615	15	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Fill	624820	CY	2250	277.7	31	8608.63	12.34	14		0	23	23	23	23	23	23	23	23	23	23	23	23	0	0	0	0		
1.3	Excavate for riparian/lagoon	79000	CY	1935	40.827	31	1265.63	1.815	15	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	AREA 2 INFRASTRUCTURE						260	12.2																					
	Storm drain	4840	LF	750	6	3	19.36	0.287		0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0		
	Sanitary sewer	9070	LF	375	24.187	3	72.56	1.075		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	0		
	Reclaimed water	12970	LF	875	14.823	1	14.8229	0.659		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0		
	Domestic water	12970	LF	875	14.823	1	14.8229	0.659		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0		
1.3	Utilities(G,T,C,E)	12970	LF	875	14.823	1	14.8229	0.659		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0		
	STREETS, SIDEWALKS & LANDSCAPING						189	21.1																					
	Sub-base	85087	SY	4625	18.397	3	55.1917	0.818		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0		
	Base course	85087.2	SY	5250	16.207	4	64.8283	0.72		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0		
	Asphalt	85087.2	SY	6125	13.892	4	55.5672	0.617		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23		

Density of Dirt (lbs/CY)	2,700
Silt Content (%)	7.50
Mean wind speed (mph)	3.43
Moisture content (%)	15.0

CLEAR & GRUB
Clear

Dozer Emissions

PM10 Emissions (lbs/hr) = $((s^{1.5}) / (M^{1.4})) \times 0.75$

s = silt content (%)	7.5
M = moisture content (%)	15.0
Dozer emissions lbs/hr emissions factor	0.35
Hours per day	10
Number of equipment pieces	1
Number of emissions hours	10.00
Uncontrolled emissions	3.48
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	1.74
Mitigation measure control efficiency	75%
Controlled Emissions w MM (lbs/day)	0.87

AP-42, Section 11.9, Table11.9-1, Bulldozing Equation.

AREA 2 GRADING
Strip

Dozer Emissions

PM10 Emissions (lbs/hr) = $((s^{1.5}) / (M^{1.4})) \times 0.75$

s = silt content (%)	7.5
M = moisture content (%)	15.0
Dozer emissions lbs/hr emissions factor	0.35
Hours per day	10
Number of equipment pieces	1
Number of emissions hours	10.00
Uncontrolled emissions	3.48
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	1.74
Mitigation measure control efficiency	75%
Controlled Emissions with Mitigation (lbs/day)	0.87

AP-42, Section 11.9, Table11.9-1, Bulldozing Equation.

Scarify

Grader Emissions

PM10 (lbs/day) = $0.051 \times S^2 \times 0.6 \times VMT$

S = Speed (mph)	5
G = Grading Quantity (TSF/crew/day) ¹³	350
number of Crews	1
hours per work day	10.0
Vehicle Miles Travelled (12 ft wide blade) (total)	13.26
Emission Factor (lbs/VMT)	0.77
Uncontrolled Grading Emissions (lbs/day)	10.14
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	5.07
Mitigation measure control efficiency	75% Water exposed surface to keep soil moist at all times
Controlled Emissions with Mitigation (lbs/day)	2.54

AP-42, Section 11.9-1, Grading Equation.
Heavy Construction Cost Data, 1999, 029 204 3200 (1 Motor Grader = 280 TSF per crew per 8-hour day).

Compact

Compactor Emissions

PM10 (lbs/day) = $[k \times (s/12)^a \times (W/3)^b] / (M/0.2)^c \times VMT / N$

k = lb/VMT	2.6
s = surface material silt content (%)	7.5
a = constant	0.8
W = Mean compactor weight (tons)	23.0
b = constant	0.4
M = Surface material moisture content (%)	15
c = constant	0.3
V = Backfill Quantity (TSF/crew/day)	203 = 3,750 CY
number of Crews	2
hours per work day	10.0
VMT per Crew (0.5 ft lift w/ 10 ft. wide drum)	9.20
Emission Factor (lbs/VMT)	1.10
Uncontrolled PM10 (lbs/day)	20.33
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	10.16
Mitigation measure control efficiency	75% Water exposed surface to keep soil moist at all times
Controlled Emissions with Mitigation (lbs/day)	5.08

AP-42, Section 13.2.2.2, Equation 1.
Heavy Construction Cost Data, 1999, 022 226 5000 (Vibrating Roller = 3,000 CY per crew per 8-hour day @ 0.5 ft lift with 2 passes).

Fill

Dozer Emissions

PM10 Emissions (lbs/hr) = $((s^{1.5}) / (M^{1.4})) \times 0.75$

s = silt content (%)	7.5
M = moisture content (%)	15.0
Dozer emissions lbs/hr emissions factor	0.35
Hours per day	10
Number of equipment pieces	3
Number of emissions hours	30.00
Uncontrolled emissions	10.43
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	5.21
Mitigation measure control efficiency	75%
Controlled Emissions with Mitigation (lbs/day)	2.61

AP-42, Section 11.9, Table11.9-1, Bulldozing Equation.

Grader Emissions

PM10 (lbs/day) = $0.051 \times S^2 \times 0.6 \times \text{VMT}$

S = Speed (mph)	5
G = Grading Quantity (TSF/crew/day) ¹³	128
number of Crews	2
hours per work day	10.0
Vehicle Miles Travelled (12 ft wide blade) (total)	9.72
Emission Factor (lbs/VMT)	0.77
Uncontrolled Grading Emissions (lbs/day)	7.43
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	3.72
Mitigation measure control efficiency	75% Water exposed surface to keep soil moist at all times
Controlled Emissions with Mitigation (lbs/day)	1.86

AP-42, Section 11.9-1, Grading Equation.

Heavy Construction Cost Data, 1999, 029 204 3200 (1 Motor Grader = 280 TSF per crew per 8-hour day).

Compactor Emissions

PM10 (lbs/day) = $[k \times (s/12)^a \times (W/3)^b] / (M/0.2)^c \times \text{VMT} / N$

k = lb/VMT	2.6
s = surface material silt content (%)	7.5
a = constant	0.8
W = Mean compactor weight (tons)	23.0
b = constant	0.4
M = Surface material moisture content (%)	15
c = constant	0.3
V = Backfill Quantity (TSF/crew/day)	128.25 = 2,375 CY
number of Crews	2
hours per work day	10.0
VMT per Crew (0.5 ft lift w/ 10 ft. wide drum)	11.66
Emission Factor (lbs/VMT)	1.10
Uncontrolled PM10 (lbs/day)	25.75
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	12.87
Mitigation measure control efficiency	75% Water exposed surface to keep soil moist at all times
Controlled Emissions with Mitigation (lbs/day)	6.44

AP-42, Section 13.2.2.2, Equation 1.

Heavy Construction Cost Data, 1999, 022 226 5000 (Vibrating Roller = 1,900 CY per crew per 8-hour day @ 0.5 ft lift with 4 passes).

Loader Emissions

Emission Factor for Loading/Unloading of material (lb/ton): $= k \times 0.0032 \times (U/5)^{1.3} / (M/2)^{1.4}$

k = particle size multiplier (dimensionless)	0.35
U = mean wind speed	3.43
M = moisture content (%)	15
Emissions factor (lb/ton) =	0.00004
V = Backfill Quantity (CY/crew/day)	750
number of Crews	2
hours per work day	10.0
Uncontrolled loader emissions	0.17
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.08
Mitigation measure control efficiency	50%
Controlled Emissions with Mitigation (lbs/day)	0.08

AP-42, Section 13.2.4-3, Equation 1.

Heavy Construction Cost Data, 1999, 022 262 0170 (2-1/2 CY loader = 600 CY per crew per 8-hour day).

Haul Truck Transport of Import Material on Unpaved Roads

Transport Emissions

PM10 (lbs/VMT) = $[k \times (s/12)^a \times (W/3)^b] / (M/0.2)^c$

k = lb/VMT	2.6
s = surface material silt content (%)	7.5
a = constant	0.8
Size of Truck (CY)	12
W = Mean truck weight (tons)	16.1
b = constant	0.4
M = Surface material moisture content (%)	15
c = constant	0.3
Unpaved road travel emissions factor (PM10/VMT)	0.96
VMT = Vehicle Miles Travelled (round trip)	0.500
Number of Hauls/Day	188
Daily unpaved road VMT	93.75
Uncontrolled PM10 emissions (lbs/day)	89.75
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	44.87
Mitigation measure control efficiency	80%
Controlled transport emissions with mitigation (lbs/day)	17.95

Loading/Unloading Emissions

Tons per day	3.038
E.F. for unloading (lb/ton) =	0.00004
Uncontrolled loading PM10 emissions (lbs/day)	0.12
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.06
Mitigation measure control efficiency	50%
Controlled loading emissions with mitigation (lbs/day)	0.06

Mass Excavate**Dozer Emissions**

PM10 Emissions (lbs/hr) = $((s^{1.5}) / (M^{1.4})) \times 0.75$

s = silt content (%)	7.5
M = moisture content (%)	15.0
Dozer emissions lbs/hr emissions factor	0.35
Hours per day	10
Number of equipment pieces	3
Number of emissions hours	30.00
Uncontrolled emissions	10.43
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	5.21
Mitigation measure control efficiency	75%
Controlled Emissions with Mitigation (lbs/day)	2.61

AP-42, Section 11.9, Table 11.9-1, Bulldozing Equation.

Grader Emissions

PM10 (lbs/day) = $0.051 \times S^{2.0} \times 0.6 \times \text{VMT}$

S = Speed (mph)	5
G = Grading Quantity (TSF/crew/day) ¹³	56
number of Crews	2
hours per work day	10.0
Vehicle Miles Travelled (12 ft wide blade) (total)	4.26
Emission Factor (lbs/VMT)	0.77
Uncontrolled Grading Emissions (lbs/day)	3.26
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	1.63
Mitigation measure control efficiency	75% Water exposed surface to keep soil moist at all times
Controlled Emissions with Mitigation (lbs/day)	0.81

AP-42, Section 11.9-1, Grading Equation.

Heavy Construction Cost Data, 1999, 025 122 1020 (1 Motor Grader = 5,000 SY per crew per 8-hour day).

Backhoe/Loader Emissions

Emission Factor for Loading/Unloading of material (lb/ton): $= k \times 0.0032 \times ((U/5)^{1.3} / (M/2)^{1.4})$	
k = particle size multiplier (dimensionless)	0.35
U = mean wind speed	3.43
M = moisture content (%)	15
Emissions factor (lb/ton) =	0.00004
V = Quantity moved per day (CY/crew/day)	750
number of Crews	4
hours per work day	10.0
Uncontrolled loader emissions	0.33
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.17
Mitigation measure control efficiency	50%
Controlled Emissions with Mitigation (lbs/day)	0.17

AP-42, Section 13.2.4-3, Equation 1.

Heavy Construction Cost Data, 1999, 022 262 0170 (2-1/2 CY loader = 600 CY per crew per 8-hour day) and 022 238 0200 (1 CY backhoe = 600 CY per crew per day).

Haul Truck Transport of Material on Onsite Unpaved Roads**Transport Emissions**

PM10 (lbs/VMT) = $[k \times (s/12)^a \times (W/3)^b] / (M/0.2)^c$

k = lb/VMT	2.6
s = surface material silt content (%)	7.5
a = constant	0.8
Size of Truck (CY)	12
W = Mean truck weight (tons)	16.1
b = constant	0.4
M = Surface material moisture content (%)	15
c = constant	0.3
Unpaved road travel emissions factor (PM10/VMT)	0.96
VMT = Vehicle Miles Travelled (round trip)	0.500
Number of Hauls/Day	40
Daily unpaved road VMT	20.16
Uncontrolled PM10 emissions (lbs/day)	19.30
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	9.65
Mitigation measure control efficiency	80%
Controlled transport emissions with mitigation (lbs/day)	3.86

Loading/Unloading Emissions

Tons per day	653
E.F. for unloading (lb/ton) =	0.00004
Uncontrolled loading PM10 emissions (lbs/day)	0.03
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.01
Mitigation measure control efficiency	50%
Controlled loading emissions with mitigation (lbs/day)	0.01

Storm Drain**Backhoe/Loader Emissions**

Emission Factor for Loading/Unloading of material (lb/ton): $= k \times 0.0032 \times ((U/5)^{1.3} / (M/2)^{1.4})$	
k = particle size multiplier (dimensionless)	0.35
U = mean wind speed	3.43
M = moisture content (%)	15
Emissions factor (lb/ton) =	0.00004
V = Quantity moved per day (CY/crew/day)	500
number of Crews	2
hours per work day	10.0
Uncontrolled loader emissions	0.11
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.06
Mitigation measure control efficiency	50%
Controlled Emissions with Mitigation (lbs/day)	0.06

AP-42, Section 13.2.4-3, Equation 1.

Heavy Construction Cost Data, 1999, 022 254 0510 (1 CY back hoe and loader = 400 CY per crew per 8-hour day).

Haul Truck Transport of Material on Oniste Unpaved Roads**Transport Emissions**

$$PM_{10} \text{ (lbs/VMT)} = [k \times (s/12)^a \times (W/3)^b] / (M/0.2)^c$$

k = lb/VMT	2.6
s = surface material silt content (%)	7.5
a = constant	0.8
Size of Truck (CY)	12
W = Mean truck weight (tons)	16.1
b = constant	0.4
M = Surface material moisture content (%)	15
c = constant	0.3
Unpaved road travel emissions factor (PM10/VMT)	0.96
 VMT = Vehicle Miles Travelled (round trip)	 0.500
Number of Hauls/Day	42
Daily unpaved road VMT	20.83
 Uncontrolled PM10 emissions (lbs/day)	 19.94
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	9.97
Mitigation measure control efficiency	80%
Controlled transport emissions with mitigation (lbs/day)	3.99

Loading/Unloading Emissions

Tons per day	675
E.F. for unloading (lb/ton) =	0.00004
Uncontrolled loading PM10 emissions (lbs/day)	0.03
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.01
Mitigation measure control efficiency	50%
Controlled loading emissions with mitigation (lbs/day)	0.01

Sanitary Sewer**Backhoe/Loader Emissions**

Emission Factor for Loading/Unloading of material (lb/ton): $= k \times 0.0032 \times ((U/5)^{1.3} / (M/2)^{1.4})$	
k = particle size multiplier (dimensionless)	0.35
U = mean wind speed	3.43
M = moisture content (%)	15
Emissions factor (lb/ton) =	0.00004
V = Quantity moved per day (CY/crew/day)	250
number of Crews	2
hours per work day	10.0
Uncontrolled loader emissions	0.06
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.03
Mitigation measure control efficiency	50%
Controlled Emissions with Mitigation (lbs/day)	0.03

AP-42, Section 13.2.4-3, Equation 1.

Heavy Construction Cost Data, 1999, 022 254 0090 (3/4 CY back hoe and loader = 200 CY per crew per 8-hour day).

Haul Truck Transport of Material on Oniste Unpaved Roads**Transport Emissions**

$$PM_{10} \text{ (lbs/VMT)} = [k \times (s/12)^a \times (W/3)^b] / (M/0.2)^c$$

k = lb/VMT	2.6
s = surface material silt content (%)	7.5
a = constant	0.8
Size of Truck (CY)	12
W = Mean truck weight (tons)	16.1
b = constant	0.4
M = Surface material moisture content (%)	15
c = constant	0.3
Unpaved road travel emissions factor (PM10/VMT)	0.96
 VMT = Vehicle Miles Travelled (round trip)	 0.500
Number of Hauls/Day	21
Daily unpaved road VMT	10.42
 Uncontrolled PM10 emissions (lbs/day)	 9.97
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	4.99
Mitigation measure control efficiency	80%
Controlled transport emissions with mitigation (lbs/day)	1.99

Loading/Unloading Emissions

Tons per day	338
E.F. for unloading (lb/ton) =	0.00004
Uncontrolled loading PM10 emissions (lbs/day)	0.01
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.01
Mitigation measure control efficiency	50%
Controlled loading emissions with mitigation (lbs/day)	0.01

Potable Water/Reclaimed Water/GTCE**Chain trencher Emissions**

Emission Factor for Loading/Unloading of material (lb/ton): $= k \times 0.0032 \times ((U/5)^{1.3} / (M/2)^{1.4})$	
k = particle size multiplier (dimensionless)	0.35
U = mean wind speed	3.43
M = moisture content (%)	15
Emissions factor (lb/ton) =	0.00004
V = Quantity moved per day (CY/crew/day)	97
number of Crews	1
hours per work day	10.0
Uncontrolled loader emissions	0.01
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.01
Mitigation measure control efficiency	50%
Controlled Emissions with Mitigation (lbs/day)	0.01

AP-42, Section 13.2.4-3, Equation 1.

Heavy Construction Cost Data, 1999, 022 258 3100 (40 hp trencher = 700 LF per crew per 8-hour day).

Sub-base**Dozer Emissions**PM10 Emissions (lbs/hr) $= ((s^{1.5}) / (M^{1.4})) \times 0.75$

s = silt content (%)	7.5
M = moisture content (%)	15.0
Dozer emissions lbs/hr emissions factor	0.35
Hours per day	10
Number of equipment pieces	2
Number of emissions hours	20.00
Uncontrolled emissions	6.95
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	3.48
Mitigation measure control efficiency	75%
Controlled Emissions with Mitigation (lbs/day)	1.74

AP-42, Section 11.9, Table 11.9-1, Bulldozing Equation.

Grader EmissionsPM10 (lbs/day) $= 0.051 \times S^{2.0} \times 0.6 \times VMT$

S = Speed (mph)	5
G = Grading Quantity (TSF/crew/day) ¹³	42
number of Crews	1
hours per work day	10.0
Vehicle Miles Travelled (12 ft wide blade) (total)	1.58
Emission Factor (lbs/VMT)	0.77
Uncontrolled Grading Emissions (lbs/day)	1.21
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.60
Mitigation measure control efficiency	75% Water exposed surface to keep soil moist at all times
Controlled Emissions with Mitigation (lbs/day)	0.30

AP-42, Section 11.9-1, Grading Equation.

Heavy Construction Cost Data, 1999, 029 304 0100 (1 Motor Grader = 3,700 SY per crew per 8-hour day).

Compactor EmissionsPM10 (lbs/day) $= [k \times (s/12)^a \times (W/3)^b] / (M/0.2)^c \times VMT / N$

k = lb/VMT	2.6
s = surface material silt content (%)	7.5
a = constant	0.8
W = Mean compactor weight (tons)	23.0
b = constant	0.4
M = Surface material moisture content (%)	15
c = constant	0.3
V = Quantity (TSF/crew/day)	42
number of Crews	1
hours per work day	10.0
VMT per Crew (0.5 ft lift w/ 10 ft. wide drum)	3.78
Emission Factor (lbs/VMT)	1.10
Uncontrolled PM10 (lbs/day)	4.18
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	2.09
Mitigation measure control efficiency	75% Water exposed surface to keep soil moist at all times
Controlled Emissions with Mitigation (lbs/day)	1.04

AP-42, Section 13.2.2.2, Equation 1.

Heavy Construction Cost Data, 1999, 029 304 0100 (1 Compactor = 3,700 SY per crew per 8-hour day).

Backhoe/Loader Emissions

Emission Factor for Loading/Unloading of material (lb/ton): $= k \times 0.0032 \times ((U/5)^{1.3} / (M/2)^{1.4})$	
k = particle size multiplier (dimensionless)	0.35
U = mean wind speed	3.43
M = moisture content (%)	15
Emissions factor (lb/ton) =	0.00004
V = Quantity moved per day (CY/crew/day)	500
number of Crews	-
hours per work day	10.0
Uncontrolled loader emissions	-
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	-
Mitigation measure control efficiency	50%
Controlled Emissions with Mitigation (lbs/day)	-

AP-42, Section 13.2.4-3, Equation 1.

Heavy Construction Cost Data, 1999, 022 254 0510 (1 CY back hoe and loader = 400 CY per crew per 8-hour day).

Haul Truck Transport of Import Material on Unpaved Roads

Transport Emissions

$$PM_{10} \text{ (lbs/VMT)} = [k \times (s/12)^a \times (W/3)^b] / (M/0.2)^c$$

k = lb/VMT	2.6
s = surface material silt content (%)	7.5
a = constant	0.8
Size of Truck (CY)	12
W = Mean truck weight (tons)	16.1
b = constant	0.4
M = Surface material moisture content (%)	15
c = constant	0.3
Unpaved road travel emissions factor (PM ₁₀ /VMT)	0.96

VMT = Vehicle Miles Travelled (round trip)	0.500
Number of Hauls/Day	64
Daily unpaved road VMT	32.12

Uncontrolled PM ₁₀ emissions (lbs/day)	30.75
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	15.38
Mitigation measure control efficiency	80%
Controlled transport emissions with mitigation (lbs/day)	6.15

Loading/Unloading Emissions

Tons per day	1,041
E.F. for unloading (lb/ton) =	0.00004
Uncontrolled loading PM ₁₀ emissions (lbs/day)	0.04
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.02
Mitigation measure control efficiency	50%
Controlled loading emissions with mitigation (lbs/day)	0.02

Base Course

Dozer Emissions

$$PM_{10} \text{ Emissions (lbs/hr)} = ((s^{1.5}) / (M^{1.4})) \times 0.75$$

s = silt content (%)	7.5
M = moisture content (%)	15.0
Dozer emissions lbs/hr emissions factor	0.35
Hours per day	10
Number of equipment pieces	1
Number of emissions hours	10.00
Uncontrolled emissions	3.48
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	1.74
Mitigation measure control efficiency	75%
Controlled Emissions with Mitigation (lbs/day)	0.87

AP-42, Section 11.9, Table 11.9-1, Bulldozing Equation.

Grader Emissions

$$PM_{10} \text{ (lbs/day)} = 0.051 \times S^{2.0} \times 0.6 \times VMT$$

S = Speed (mph)	5
G = Grading Quantity (TSF/crew/day) ¹³	47
number of Crews	1
hours per work day	10.0
Vehicle Miles Travelled (12 ft wide blade) (total)	1.79
Emission Factor (lbs/VMT)	0.77
Uncontrolled Grading Emissions (lbs/day)	1.37
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.68
Mitigation measure control efficiency	75% Water exposed surface to keep soil moist at all times
Controlled Emissions with Mitigation (lbs/day)	0.34

AP-42, Section 11.9-1, Grading Equation.

Heavy Construction Cost Data, 1999, 029 304 0300 (1 Motor Grader = 4,200 SY per crew per 8-hour day).

Compactor Emissions

$$PM_{10} \text{ (lbs/day)} = [k \times (s/12)^a \times (W/3)^b] / (M/0.2)^c \times VMT / N$$

k = lb/VMT	2.6
s = surface material silt content (%)	7.5
a = constant	0.8
W = Mean compactor weight (tons)	23.0
b = constant	0.4
M = Surface material moisture content (%)	15
c = constant	0.3
V = Quantity (TSF/crew/day)	47
number of Crews	2
hours per work day	10.0
VMT per Crew (0.5 ft lift w/ 10 ft. wide drum)	4.30
Emission Factor (lbs/VMT)	1.10
Uncontrolled PM ₁₀ (lbs/day)	9.49
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	4.74
Mitigation measure control efficiency	75% Water exposed surface to keep soil moist at all times
Controlled Emissions with Mitigation (lbs/day)	2.37

AP-42, Section 13.2.2.2, Equation 1.

Heavy Construction Cost Data, 1999, 029 304 0300 (1 Compactor = 4,200 SY per crew per 8-hour day).

Haul Truck Transport of Import Material on Unpaved Roads

Transport Emissions	
$PM_{10} \text{ (lbs/VMT)} = [k \times (s/12)^a \times (W/3)^b] / (M/0.2)^c$	
k = lb/VMT	2.6
s = surface material silt content (%)	7.5
a = constant	0.8
Size of Truck (CY)	12
W = Mean truck weight (tons)	16.1
b = constant	0.4
M = Surface material moisture content (%)	15
c = constant	0.3
Unpaved road travel emissions factor (PM10/VMT)	0.96
 VMT = Vehicle Miles Travelled (round trip)	 0.500
Number of Hauls/Day	73
Daily unpaved road VMT	36.47
 Uncontrolled PM10 emissions (lbs/day)	 34.91
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	17.45
Mitigation measure control efficiency	80%
Controlled transport emissions with mitigation (lbs/day)	6.98
 Loading/Unloading Emissions	
Tons per day	1,181
E.F. for unloading (lb/ton) =	0.00004
Uncontrolled loading PM10 emissions (lbs/day)	0.05
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	0.02
Mitigation measure control efficiency	50%
Controlled loading emissions with mitigation (lbs/day)	0.02
 Controlled transport emissions with mitigation (lbs/day)	 0.02

Asphalt

Haul Truck Transport of Import Material on Unpaved Roads

Transport Emissions	
$PM_{10} \text{ (lbs/VMT)} = [k \times (s/12)^a \times (W/3)^b] / (M/0.2)^c$	
k = lb/VMT	2.6
s = surface material silt content (%)	7.5
a = constant	0.8
Size of Truck (CY)	12
W = Mean truck weight (tons)	16.1
b = constant	0.4
M = Surface material moisture content (%)	15
c = constant	0.3
Unpaved road travel emissions factor (PM10/VMT)	0.96
 VMT = Vehicle Miles Travelled (round trip)	 0.500
Number of Hauls/Day	51
Daily unpaved road VMT	25.52
 Uncontrolled PM10 emissions (lbs/day)	 24.43
SCAQMD Rule 403 standard control efficiency	50%
Rule 403 controlled emissions	12.22
Mitigation measure control efficiency	80%
Controlled transport emissions with mitigation (lbs/day)	4.89

Asphalt Paving Emissions

ROC (lbs/day) = 2.62 x A	
A = Total Acres Paved per Day	2.17
ROC (lbs/day)	5.68
SOURCE: RBEMIS 2001	

Summary of Fugitive PM₁₀ Emissions

	Uncontrolled	Rule 403	Controlled w/Mitigation
Clear & Grub	3.48	1.74	0.87
Strip	3.48	1.74	0.87
Scarify	10.14	5.07	2.54
Compactor Emissions	20.33	10.16	5.08
Fill	133.64	66.82	29.00
Excavate	33.34	16.67	7.46
Stormwater	20.08	10.04	4.06
Sanitary Sewer	10.04	5.02	2.03
Reclaimed Water	0.01	0.01	0.01
Domestic Water	0.01	0.01	0.01
Utilities	0.01	0.01	0.01
Sub-base	43.13	21.57	9.26
Base Course	49.29	24.64	10.59
Asphalt	24.43	12.22	4.89

VI. INFRASTRUCTURE							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN			
							2005					2006																		
Area 2																														
QUANTITY UNIT																														
RATE																														
CDays																														
Ed/Cd																														
ED																														
PM10 Total (lbs/day)																														
CLEAR & GRUB							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
106 Acres							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AREA 2 GRADING							0.87	0.869	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Strip							0.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4617.36 TSF							0.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Scarify							2.54	2.536	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4617.36 TSF							2.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Compact							5.08	5.081	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2800.776 TSF							5.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fill							29.00	0	0	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
624819.6 CY							29.00	0	0	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
Excavate for riparian/lagoon							7.46	7.46	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79000 CY							7.46	7.46	7.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Site Prep for Area (lbs/day)							15.9	7.5	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	4.1	2.0	2.0	0.0	0.0	0.0
AREA 2 INFRASTRUCTURE																														
Domestic water																														
Storm drain							4.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.06	0	0	0	0	0	0
4840 LF							4.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.06	0	0	0	0	0	0
Sanitary sewer							2.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0
9070 LF							2.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0
Reclaimed water							0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12970 LF							0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic water							0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12970 LF							0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities(G,T,C,E)							0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12970 LF							0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STREETS, SIDEWALKS & LANDSCAPING																														
Sub-base							9.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.3	0	0	
85087.2 SY							9.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.3	0	0	
Base course							10.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0
85087.2 SY							10.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	
Asphalt							4.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.9	0	0
85087.2 SY							4.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.9	0	0	0

LD	Vert. Increment	LOT #	AREA (ac)	USE	Length	Width	Finished Floor Elevation	Existing AVG. E.L.	Raw Volume	Surcharge			Required Import Volume	Subsidence		Surcharge Export Volume	Coverage	U/G		Bldg. Excavation Volume	Backfill Import	Net Volume (+) Import (-) Export
										height	duration	quantity		8.3%	quantity							
																		sty	bot.			
1	1	1	2.88	R			24	13	49,000	50%	3 mc	25,555	74,555	4,259	(21,296)	80%		0	-	-	53,259	
1	1	2	4.04	R			24.5	14.2														
1	1	3	1.92	R			23.5	11.5	36,000	50%	3 mc	18,586	54,586	3,098	(15,488)	80%	0	-	-	-	39,098	
1	1	4	1.07	OS			24	11.5	21,000	50%	3 mc	10,789	31,789	1,798	(8,991)	80%	0	-	-	-	22,798	
1	1	5	2.00	R			23	11.5	35,000	50%	3 mc	18,553	53,553	3,092	(15,461)	80%	0	-	-	-	38,092	
1	1	6	2.73	R			24	11.5														
1	1	7	3.77	R			23.5	11.5	70,000	50%	3 mc	36,494	106,494	6,082	(30,411)	80%	0	-	-	-	76,082	
1	1	8	6.76	MU			24	16														
1	1	9	1.22	MU			24	11.5														
1	1	10	0.97	MU			23.5	12.1														
2	2	11	0.60	OS			23.5	12	11,000	50%	3 mc	5,566	16,566	928	(4,638)	80%	0	-	-	-	11,928	
2	3	12	0.97	MU			24	12.4														
2	3	13	1.22	MU			25	11.5														
2	3	14	3.04	MU			24	11.5														
2	2	15	0.85	OS			24	11.5	16,000	50%	3 mc	8,571	24,571	1,428	(7,142)	80%	0	-	-	-	17,428	
2	2	16	3.27	MU			24.5	11.5														
2	3	17	2.72	R			24.5	18.3	25,000	50%	3 mc	13,604	38,604	2,267	(11,336)	80%	0	-	-	-	27,267	
2	2	18	2.24	R			24	17.9														
2	2	19	1.78	R			24	18.5														
2	2	20	1.52	R			24	15.1														
2	2	21	1.59	OS			24.5	10.5	35,000	50%	3 mc	17,956	52,956	2,993	(14,964)	80%	0	-	-	-	37,993	
2	3	22	6.87	R			24.5	12.5														
2	3	23	2.16	R			24.5	16.6														
1	1	24	2.57	R			26.5	16.6														
2	2	25	0.91	OS			26.5	16.2	14,000	50%	3 mc	7,561	21,561	1,260	(6,301)	80%	0	-	-	-	15,260	
2	2	26	2.57	R			26.5	16.5														
2	2	27	2.21	R			26	18.9														
1	1	28	2.05	R			25	24														
1	1	29	1.61	R			26	21.6														
1	1	30	0.68	OS			26	14.9	12,000	50%	3 mc	6,089	18,089	1,015	(5,074)	80%	0	-	-	-	13,015	
1	1	31	1.61	R			26	15.8														
1	1	32	2.28	R			25.5	15.5														
1	1	33	12.31	RIP CORR					(79,000)			-	(79,000)	-	-	80%	0	-	-	-	(79,000)	
1	1	34	3.58	OS								-	-	-	-	80%	0	-	-	-	-	
1	1	35	13.56	OS								-	-	-	-	80%	0	-	-	-	-	
1	1	36	35.01	OR								-	-	-	-	80%	0	-	-	-	-	
2	3	1.85	3rd/4th/A St.			24	16	22,000	50%	3 mc	11,939	33,939	1,990	(9,949)	80%	0	-	-	-	-	23,990	
2	3	1.24	Jefferson Widening			13	13	-1,000	50%	3 mc	-	(1,000)	-	-	-	80%	0	-	-	-	(1,000)	
2	3	1.19	Westlawn			22	17	9,000	50%	3 mc	4,800	13,800	800	(4,000)	80%	0	-	-	-	-	9,800	
2	3	0.59	2nd			22	16	5,000	50%	3 mc	2,856	7,856	476	(2,380)	80%	0	-	-	-	-	5,476	
2	3	0.84	Runway-Westlawn ext.			21	16	6,000	50%	3 mc	3,388	9,388	565	(2,823)	80%	0	-	-	-	-	6,565	
2	3	0.43	2nd			22	17	3,000	50%	3 mc	1,734	4,734	289	(1,445)	80%	0	-	-	-	-	3,289	
2	3	0.78	McConnell			21.5	17	5,000	50%	3 mc	2,831	7,831	472	(2,360)	80%	0	-	-	-	-	5,472	
2	3	4.87	Runway			21	18	20,000	50%	3 mc	11,785	31,785	1,964	(9,821)	80%	0	-	-	-	-	21,964	
		0.69	2nd			22	16	6,000	50%	3 mc	3,340	9,340	557	(2,783)	80%	0	-	-	-	-	6,557	
		0.55	McConnell			21.5	16	4,000	50%	3 mc	2,440	6,440	407	(2,033)	80%	0	-	-	-	-	4,407	
		2.13	B St.			23	17	19,000	50%	3 mc	10,309	29,309	1,718	(8,591)	80%	0	-	-	-	-	20,718	
		0.43	1st			22	16	4,000	50%	3 mc	2,081	6,081	347	(1,734)	80%	0	-	-	-	-	4,347	
		0.77	McConnell			21.5	16	6,000	50%	3 mc	3,416	9,416	569	(2,847)	80%	0	-	-	-	-	6,569	
		0.62	1st			22	17	5,000	50%	3 mc	2,501	7,501	417	(2,084)	80%	0	-	-	-	-	5,417	
		5.27	Bluff Creek			20	17	21,000	50%	3 mc	12,753	33,753	2,126	(10,628)	80%	0	-	-	-	-	23,126	
		0.20	Dawn Creek			20	18	0	50%	3 mc	323	323	54	(269)	80%	0	-	-	-	-	54	
		Subtotal	159.59			23.4	15.1	379,000			245,820	624,820			(204,850)			-	-	-	419,970	

Import-Surch. 379,000

% Surcharge

39%

Equipment (diesel fueled) Emission Factors

Cranes (lbs/day)

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CO	9.44	9.44	9.44	10.14	10.85	11.56	12.27	12.27	12.27	12.27	12.27	12.27	12.27
ROC	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44
NOx	13.05	13.05	13.05	12.10	11.15	10.20	9.25	9.07	8.90	8.72	8.55	8.37	8.37
SOx	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31
PM10	0.70	0.70	0.70	0.63	0.56	0.49	0.42	0.38	0.35	0.31	0.27	0.23	0.23

Bulldozer (lbs/day)

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CO	20.03	20.03	20.03	21.04	22.05	24.07	24.07	25.09	26.10	27.11	28.12	29.13	30.14
ROC	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66
NOx	37.45	37.45	37.45	36.10	34.74	33.38	32.02	30.66	29.31	27.95	26.59	25.23	23.87
SOx	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
PM10	1.93	1.93	1.93	1.84	1.74	1.64	1.54	1.45	1.35	1.25	1.15	1.06	0.96

Grader (lbs/day)

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CO	11.09	11.09	11.09	11.87	12.65	13.43	14.21	14.98	14.98	14.98	14.98	14.98	14.98
ROC	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76
NOx	16.42	16.42	16.42	15.37	14.33	13.28	12.24	11.19	11.00	10.81	10.61	10.42	10.22
SOx	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
PM10	0.87	0.87	0.87	0.79	0.72	0.64	0.57	0.49	0.45	0.41	0.37	0.32	0.28

Forklifts (lbs/day)

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CO	5.40	5.40	5.40	5.83	6.27	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70
ROC	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79
NOx	6.87	6.87	6.87	6.29	5.70	5.12	5.01	4.90	4.79	4.68	4.57	4.57	4.57
SOx	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
PM10	0.37	0.37	0.37	0.33	0.29	0.24	0.22	0.20	0.17	0.15	0.13	0.13	0.13

Scrapers (lbs/day)

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CO	21.58	21.58	21.58	22.92	24.26	25.60	26.94	28.28	29.62	30.96	30.96	30.96	30.96
ROC	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64
NOx	35.39	35.39	35.39	33.59	31.79	29.99	28.19	26.39	24.59	22.79	22.46	22.13	21.79
SOx	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68
PM10	1.85	1.85	1.85	1.72	1.59	1.46	1.33	1.21	1.08	0.95	0.87	0.80	0.73

Trctr/Lodr/Bckho (lbs/day)

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CO	3.56	3.56	3.56	3.74	3.92	4.10	4.28	4.46	4.64	4.82	5.00	5.18	5.36
ROC	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
NOx	6.66	6.66	6.66	6.42	6.17	5.93	5.69	5.45	5.21	4.97	4.73	4.48	4.24
SOx	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46
PM10	0.34	0.34	0.34	0.33	0.31	0.29	0.27	0.26	0.24	0.22	0.21	0.19	0.17

Trencher(lbs/day)

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CO	7.26	7.26	7.26	7.90	8.53	8.53	8.53	8.53	8.53	8.53	8.53	8.53	8.53
ROC	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
NOx	8.31	8.31	8.31	7.46	6.61	6.45	6.29	6.14	5.98	5.82	5.82	5.82	5.82
SOx	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
PM10	0.45	0.45	0.45	0.39	0.33	0.30	0.26	0.23	0.19	0.16	0.16	0.16	0.16

Asphalt Paver (lbs/day)

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CO	9.36	9.36	9.36	10.12	10.87	11.62	11.62	11.62	11.62	11.62	11.62	11.62	11.62
ROC	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37
NOx	11.91	11.91	11.91	10.90	9.89	8.87	8.68	8.50	8.31	8.12	7.93	7.93	7.93
SOx	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
PM10	0.64	0.64	0.64	0.57	0.50	0.42	0.38	0.34	0.30	0.26	0.22	0.22	0.22

Rollers (lbs/day)

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CO	5.91	5.91	5.91	6.39	6.86	7.34	7.34	7.34	7.34	7.34	7.34	7.34	7.34
ROC	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
NOx	7.52	7.52	7.52	6.88	6.23	5.60	5.48	5.36	5.24	5.13	5.01	5.01	5.01
SOx	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
PM10	0.41	0.41	0.41	0.36	0.31	0.27	0.24	0.22	0.19	0.16	0.14	0.14	0.14

Other (lbs/day)

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CO	11.37	11.37	11.37	11.95	12.52	13.09	13.67	14.24	14.82	15.39	15.96	16.54	17.11
ROC	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08
NOx	21.26	21.26	21.26	20.49	19.72	18.95	18.18	17.41	16.64	15.87	15.10	14.32	13.55
SOx	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14
PM10	1.10	1.10	1.10	1.04	0.99	0.93	0.88	0.82	0.77	0.71	0.66	0.60	0.54

Pumps (lbs/day)

Year	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CO	1.33	1.33	1.33	1.40	1.47	1.53	1.60	1.67	1.74	1.80	1.87	1.94	2.00
ROC	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
NOx	2.49	2.49	2.49	2.40	2.31	2.22	2.13	2.04	1.95	1.86	1.77	1.68	1.59
SOx	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
PM10	0.13	0.13	0.13	0.12	0.12	0.11	0.10	0.10	0.09	0.08	0.08	0.07	0.06

Equipment Emissions - lbs/day

Cranes	No. 1		HP 190		Hrs/day 10		Load	43%	Usage Factor		100%		
	Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	CO	11.80	11.80	12.68	13.56	14.45	15.34	15.34	15.34	15.34	15.34	15.34	15.34
	ROC	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
	NOx	16.31	16.31	15.13	13.94	12.75	11.56	11.34	11.13	10.90	10.69	10.46	10.46
	SOx	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63
	PM10	0.88	0.88	0.79	0.70	0.61	0.53	0.48	0.44	0.39	0.34	0.29	0.29
Bulldozer	No. 1		HP 352		Hrs/day 10		Load	59%	Usage Factor		100%		
	Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	CO	25.04	25.04	26.30	27.56	30.09	30.09	31.36	32.63	33.89	35.15	36.41	37.68
	ROC	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58
	NOx	46.81	46.81	45.13	43.43	41.73	40.03	38.33	36.64	34.94	33.24	31.54	29.84
	SOx	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40
	PM10	2.41	2.41	2.30	2.18	2.05	1.93	1.81	1.69	1.56	1.44	1.33	1.20
Graders	No. 1		HP 174		Hrs/day 10		Load	58%	Usage Factor		100%		
	Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	CO	13.86	13.86	14.84	15.81	16.79	17.76	18.73	18.73	18.73	18.73	18.73	18.73
	ROC	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
	NOx	20.53	20.53	19.21	17.91	16.60	15.30	13.99	13.75	13.51	13.26	13.03	12.78
	SOx	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
	PM10	1.09	1.09	0.99	0.90	0.80	0.71	0.61	0.56	0.51	0.46	0.40	0.35
Forklifts	No. 1		HP 94		Hrs/day 10		Load	48%	Usage Factor		100%		
	Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	CO	6.75	6.75	7.29	7.84	8.38	8.38	8.38	8.38	8.38	8.38	8.38	8.38
	ROC	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
	NOx	8.59	8.59	7.86	7.13	6.40	6.26	6.13	5.99	5.85	5.71	5.71	5.71
	SOx	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
	PM10	0.46	0.46	0.41	0.36	0.30	0.28	0.25	0.21	0.19	0.16	0.16	0.16
Scrapers	No. 1		HP 313		Hrs/day 10		Load	66%	Usage Factor		100%		
	Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	CO	26.98	26.98	28.65	30.33	32.00	33.68	35.35	37.03	38.70	38.70	38.70	38.70
	ROC	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55	4.55
	NOx	44.24	44.24	41.99	39.74	37.49	35.24	32.99	30.74	28.49	28.08	27.66	27.24
	SOx	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60
	PM10	2.31	2.31	2.15	1.99	1.83	1.66	1.51	1.35	1.19	1.09	1.00	0.91

Trctr/Lodr/Bckho	No. 1		HP 79		Hrs/day 10		Load	47%	Usage Factor	100%			
	Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	CO	4.45	4.45	4.68	4.90	5.13	5.35	5.58	5.80	6.03	6.25	6.48	6.70
	ROC	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
	NOx	8.33	8.33	8.03	7.71	7.41	7.11	6.81	6.51	6.21	5.91	5.60	5.30
	SOx	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82
	PM10	0.43	0.43	0.41	0.39	0.36	0.34	0.33	0.30	0.28	0.26	0.24	0.21
Trencher	No. 1		HP 82		Hrs/day 10		Load	70%	Usage Factor	100%			
	Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	CO	9.08	9.08	9.88	10.66	10.66	10.66	10.66	10.66	10.66	10.66	10.66	10.66
	ROC	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
	NOx	10.39	10.39	9.33	8.26	8.06	7.86	7.68	7.48	7.28	7.28	7.28	7.28
	SOx	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14
	PM10	0.56	0.56	0.49	0.41	0.38	0.33	0.29	0.24	0.20	0.20	0.20	0.20
Asphalt Paver	No. 1		HP 132		Hrs/day 10		Load	59%	Usage Factor	100%			
	Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	CO	11.70	11.70	12.65	13.59	14.53	14.53	14.53	14.53	14.53	14.53	14.53	14.53
	ROC	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71
	NOx	14.89	14.89	13.63	12.36	11.09	10.85	10.63	10.39	10.15	9.91	9.91	9.91
	SOx	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56
	PM10	0.80	0.80	0.71	0.63	0.53	0.48	0.43	0.38	0.33	0.28	0.28	0.28
Rollers	No. 1		HP 114		Hrs/day 10		Load	43%	Usage Factor	100%			
	Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	CO	7.39	7.39	7.99	8.58	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18
	ROC	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08
	NOx	9.40	9.40	8.60	7.79	7.00	6.85	6.70	6.55	6.41	6.26	6.26	6.26
	SOx	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
	PM10	0.51	0.51	0.45	0.39	0.34	0.30	0.28	0.24	0.20	0.18	0.18	0.18
Other	No. 1		HP 190		Hrs/day 10		Load	62%	Usage Factor	100%			
	Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	CO	14.21	14.21	14.94	15.65	16.36	17.09	17.80	18.53	19.24	19.95	20.68	21.39
	ROC	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
	NOx	26.58	26.58	25.61	24.65	23.69	22.73	21.76	20.80	19.84	18.88	17.90	16.94
	SOx	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43
	PM10	1.38	1.38	1.30	1.24	1.16	1.10	1.03	0.96	0.89	0.83	0.75	0.68
Pumps	No. 1		HP 23		Hrs/day 10		Load	60%	Usage Factor	100%			
	Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	CO	1.66	1.66	1.75	1.83	1.92	2.00	2.09	2.17	2.25	2.34	2.42	2.51
	ROC	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
	NOx	3.11	3.11	3.00	2.89	2.77	2.66	2.55	2.44	2.32	2.21	2.10	1.98
	SOx	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
	PM10	0.16	0.16	0.15	0.14	0.14	0.13	0.12	0.11	0.10	0.10	0.09	0.08

Equipment Mix

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DESCRIPTION:	Clearing	Stripping	Scarify	Compact	Fill fm Stock	Mass Excavate	Storm Drain	SSewer	Potable Water	Recl Water	(G,T,C,E)	Sub-base	Base Course	Asphalt	Markings	
MEANS CODE:	021 108 0400	021 144 0020	029 204 3200	022 226 5000	022 262 0170	022 242 4220	022 254 0510	022 254 00	022 258 3100	022 258 310	022 258 3	022 304 01	022 308 0300	025 104 0	025 804 0	
CREW:	B-11a	B-10b	B-11L	B-10Y	10 hour days	10 hour days	B-12A	B-11M	B-54	B-54	B-54	B-32	B-36A	B-25B	B-78	
ORIGINAL DAILY OUTPUT:	1.5	250	280	162	1800	1548	600	300	700	700	700	3700	4200	4900	2750	
DAILY OUTPUT:	1.875	312.5	350	202.5	2250	1935	750	375	875	875	875	4625	5250	6125	3437.5	
UNIT:	Acres	TSF	TSF	TSF	CY	CY	LF	LF	LF	LF	LF	SY	SY	SY	LFS	
E-Days/C-Day:	2	1	2	3	31	31	3	3	2	2	2	3	4	4	2	
Dump trucks	0	0	0	0	0	20	20	0	0	0	0	0	0	0	0	
Loader 950	0	0	0	0	2	2	1	1	0	0	0	0	1	0	0	
Dozer, 200HP	1	1	0	0	2	2	0	0	0	0	0	1	1	0	0	
Dozer, RT 824	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	
Grader, 14G	0	0	1	0	2	2	0	0	0	0	0	1	1	0	0	
Water truck, 4000 gal	1	1	1	1	2	2	1	1	1	1	1	0	0	0	0	
Vibratory drum roller	0	0	0	2	2	0	0	0	0	0	0	1	2	3	0	
Backhoe, 1 cy	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	
Backhoe, 1/2 cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chain trencher, 40 HP	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	
Spreader	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
Paver	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
Flatbed truck/sprayer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Pick-up truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

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VI. INFRASTRUCTURE										OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY																										
		QUANTITY	UNIT	RATE	CDays	Ed/Cd	ED				2005										2006															
												2004	2005	2006	2007																					
Area 2	CLEAR & GRUB	106	Acres	1.875	56.533	2	113.07	47.18	49.16	51.15	53.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1.3	AREA 2 GRADING											0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Strip	4617.36	TSF	312.5	14.776	1	14.78	47.18	49.16	51.15	53.13	47.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Scarify	4617.36	TSF	350	13.192	2	26.38	34.85	36.53	37.25	37.96	34.9	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Compact	2800.776	TSF	202.5	13.831	3	41.49	35.44	36.15	36.88	37.59	35.4	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Fill/Remove Surcharge	624819.6	CY	2250	277.7	31	8608.63	189.01	196.64	202.33	207.99	0	0	189	197	197	196.6	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	
	Mass Excavate							181.36	189.44	195.58	201.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Excavate for riparian/lagoon	79000	CY	1935	40.827	31	1265.63																													
1.3	AREA D-2 INFRASTRUCTURE																																			
	Domestic water																																			
	Storm drain	4840	LF	750	6.4533	3	19.36	27.79	28.95	30.13	31.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30.1	0	0	0	0	0	
	Sanitary sewer	9070	LF	375	24.187	3	72.56	27.79	28.95	30.13	31.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30.1	30.1	0	0	0	
	Reclaimed water	12970	LF	875	14.823	1	14.82	27.75	28.46	29.19	29.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29.2	0	0	0	0	
	Domestic water	12970	LF	875	14.823	1	14.82	27.75	28.46	29.19	29.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29.2	0	0	0	
	Utilities(G,T,C,E)	12970	LF	875	14.823	1	14.82	27.75	28.46	29.19	29.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29.2	0	0	0	
1.3	STREETS, SIDEWALKS & LANDSCAPING																																			
	Sub-base	85087.2	SY	4625	18.397	3	55.19	57.03	59.26	60.53	61.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60.5	0	
	Base course	85087.2	SY	5250	16.207	4	64.83	88.64	91.81	94.03	96.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94.0	0	
	Asphalt	85087.2	SY	6125	13.892	4	55.57	42.05	42.05	42.05	42.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42.1	0	
	Total Site Prep for Area (lbs/day)											117	0	189	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	

VI. INFRASTRUCTURE											OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
											2005															2006				
		QUANTITY	UNIT	RATE	CDays	Ed/Cd	ED	2004	2005	2006	2007																			
Area 2	CLEAR & GRUB	106	Acres	1.875	56.53	2	113.1	7.18	7.18	7.18	7.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	AREA 2 GRADING											0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Strip	4617.36	TSF	312.5	14.78	1	14.78	7.18	7.18	7.18	7.18	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Scarify	4617.36	TSF	350	13.19	2	26.38	4.80	4.80	4.80	4.80	4.8	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Compact	2800.776	TSF	202.5	13.83	3	41.49	4.75	4.75	4.75	4.75	4.75	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Fill/Remove Surcharge	624819.6	CY	2250	277.7	31	8609	27.10	27.10	27.10	27.10	0	0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	0	0	0	0
	Mass Excavate							26.58	26.58	26.58	26.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Excavate for riparian/lagoon	79000	CY	1935	40.83	31	1266																							
1	AREA D-2 INFRASTRUCTURE																													
	Domestic water																													
	Storm drain	4840	LF	750	6.453	3	19.36	4.23	4.23	4.23	4.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.2	0	0	0	0
	Sanitary sewer	9070	LF	375	24.19	3	72.56	4.23	4.23	4.23	4.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.2	4.2	0	0
	Reclaimed water	12970	LF	875	14.82	1	14.82	3.85	3.85	3.85	3.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.9	0	0	0
	Domestic water	12970	LF	875	14.82	1	14.82	3.85	3.85	3.85	3.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.9	0	0
	Utilities(G,T,C,E)	12970	LF	875	14.82	1	14.82	3.85	3.85	3.85	3.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.9	0	0
1	STREETS, SIDEWALKS & LANDSCAPING																													
	Sub-base	85087.2	SY	4625	18.4	3	55.19	7.85	7.85	7.85	7.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.9	0
	Base course	85087.2	SY	5250	16.21	4	64.83	12.34	12.34	12.34	12.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12.3	0
	Asphalt+Off Gas	85087.2	SY	6125	13.89	4	55.57	10.62	10.62	10.62	10.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.6
	Total Site Prep for Area (lbs/day)											16.7	0.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	4.2	8.1	11.9	20.2	10.6

VI. INFRASTRUCTURE											OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
		QUANTITY	UNIT	RATE	CDays	Ed/Cd	ED																							
								2004	2005	2006	2007																			
Area 2	CLEAR & GRUB	106	Acres	1.875	56.53	2	113.1	62.8	60.1	57.4	54.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3	AREA 2 GRADING											0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Strip	4617.36	TSF	312.5	14.78	1	14.78	62.8	60.1	57.4	54.8	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Scarify	4617.36	TSF	350	13.19	2	26.38	38.0	35.8	34.6	33.4	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Compact	2800.776	TSF	202.5	13.83	3	41.49	36.4	35.2	33.9	32.7	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Fill/Remove Surcharge	624819.6	CY	2250	277.7	31	8609	224.1	213.5	205.1	196.8	0	0	224	214	214	214	214	214	214	214	214	214	214	214	0	0	0	0	
	Mass Excavate							179.1	170.2	163.5	156.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Excavate for riparian/lagoon	79000	CY	1935	40.83	31	1266																		0	0	0	0	0	
1.3	AREA D-2 INFRASTRUCTURE																													
	Domestic water																													
	Storm drain	4840	LF	750	6.453	3	19.36	37.0	35.4	33.8	32.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	
	Sanitary sewer	9070	LF	375	24.19	3	72.56	37.0	35.4	33.8	32.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	0	0	
	Reclaimed water	12970	LF	875	14.82	1	14.82	30.6	29.4	28.3	27.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	0	0	
	Domestic water	12970	LF	875	14.82	1	14.82	30.6	29.4	28.3	27.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	0	
	Utilities(G,T,C,E)	12970	LF	875	14.82	1	14.82	30.6	29.4	28.3	27.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	0	
1.3	STREETS, SIDEWALKS & LANDSCAPING																													
	Sub-base	85087.2	SY	4625	18.4	3	55.19	62.2	59.0	56.9	54.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	0	
	Base course	85087.2	SY	5250	16.21	4	64.83	98.9	94.3	90.8	87.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91	0	
	Asphalt	85087.2	SY	6125	13.89	4	55.57	31.4	30.7	30.0	29.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30		
	Total Site Prep for Area (lbs/day)											137	0	224	214	214	214	214	214	214	214	214	214	214	214	34	62	90	148	30

VI. INFRASTRUCTURE																																														
										QUANTITY	UNIT	RATE	CDays	Ed/Cd	ED											OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	
												2004	2005	2006	2007											2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Area 2	CLEAR & GRUB	106 Acres	1.875	56.53	2	113.1	2.83	2.83	2.83	2.83	0	0	0	0	0	0	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	AREA 2 GRADING																																													
	Strip	4617.36 TSF	312.5	14.78	1	14.78	2.83	2.83	2.83	2.83	2.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	Scarify	4617.36 TSF	350	13.19	2	26.38	2.29	2.29	2.29	2.29	2.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	Compact	2800.776 TSF	202.5	13.83	3	41.49	2.77	2.77	2.77	2.77	2.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	Fill/Remove Surcharge	624819.6 CY	2250	277.7	31	8609	13.76	13.76	13.76	13.76	13.76	0	0	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.76	13.76	13.8	13.8	13.8	13.8	13.8	13.8	13.8	0	0	0	0	0	0	0								
	Mass Excavate						16.06	16.06	16.06	16.06	16.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	Excavate for riparian/lagoon	79000 CY	1935	40.83	31	1266																																								
1	AREA D-2 INFRASTRUCTURE																																													
	Domestic water																																													
	Storm drain	4840 LF	750	6.453	3	19.36	5.07	5.07	5.07	5.07	5.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.07	0	0	0	0									
	Sanitary sewer	9070 LF	375	24.19	3	72.56	5.07	5.07	5.07	5.07	5.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.07	5.07	0	0									
	Reclaimed water	12970 LF	875	14.82	1	14.82	2.57	2.57	2.57	2.57	2.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.57	0	0	0	0									
	Domestic water	12970 LF	875	14.82	1	14.82	2.57	2.57	2.57	2.57	2.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.57	0	0	0									
	Utilities(G,T,C,E)	12970 LF	875	14.82	1	14.82	2.57	2.57	2.57	2.57	2.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.57	0	0	0	0									
1	STREETS, SIDEWALKS & LANDSCAPING																																													
	Sub-base	85087.2 SY	4625	18.4	3	55.19	2.93	2.93	2.93	2.93	2.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.93	0	0									
	Base course	85087.2 SY	5250	16.21	4	64.83	6.85	6.85	6.85	6.85	6.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.85	0	0									
	Asphalt	85087.2 SY	6125	13.89	4	55.57	3.57	3.57	3.57	3.57	3.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.57	0									
	Total Site Prep for Area (lbs/day)																																													

VI. INFRASTRUCTURE										OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	
										2005															2006					
										2004					2005					2006					2007					
										QUANTITY	UNIT	RATE	Days	Ed/Cd	ED															
Area 2	CLEAR & GRUB	106	Acres	1.875	56.5	2	113.1	3.03	2.84	2.65	2.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	AREA 2 GRADING										0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Strip	4617.36	TSF	312.5	14.8	1	14.78	3.03	2.84	2.65	2.45	3.025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Scarify	4617.36	TSF	350	13.2	2	26.38	1.81	1.64	1.53	1.40	1.813	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Compact	2800.776	TSF	202.5	13.8	3	41.49	1.70	1.58	1.44	1.29	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Fill/Remove Surcharge	624819.6	CY	2250	278	31	8609	10.68	9.91	9.19	8.44	0	0	10.68	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91
		Mass Excavate							10.75	10.01	9.31	8.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Excavate for riparian/lagoon	79000	CY	1935	40.8	31	1266																						
	1	AREA D-2 INFRASTRUCTURE																												
	Domestic water																													
	Storm drain	4840	LF	750	6.45	3	19.36	1.78	1.68	1.56	1.44	0	0	0	0	0	0	0	0	0	0	0	0	0	1.56	0	0	0	0	
	Sanitary sewer	9070	LF	375	24.2	3	72.56	1.78	1.68	1.56	1.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.56	1.56	0	0	
	Reclaimed water	12970	LF	875	14.8	1	14.82	1.43	1.31	1.20	1.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.2	0	0	0	
	Domestic water	12970	LF	875	14.8	1	14.82	1.43	1.31	1.20	1.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.2	0	0	
	Utilities(G,T,C,E)	12970	LF	875	14.8	1	14.82	1.43	1.31	1.20	1.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.2	0	0	
1	STREETS, SIDEWALKS & LANDSCAPING																													
	Sub-base	85087.2	SY	4625	18.4	3	55.19	2.94	2.70	2.49	2.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.49	0	
	Base course	85087.2	SY	5250	16.2	4	64.83	4.68	4.33	3.99	3.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.99	0	
	Asphalt	85087.2	SY	6125	13.9	4	55.57	1.38	1.25	1.09	0.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.09	
	Total Site Prep for Area (lbs/day)							6.54	0.00	10.68	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	1.56	2.76	3.96	6.48	1.09	

Employee Trips

	Year	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Gross Square Footage		100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000
¹ Construction Value (\$/GSF)		59	59	59	59	59	59	59	59	59	59	59	59	59	59
² Employment Rate		9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
³ Rate of onsite cnstr. emplmnt.		0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392	0.392
⁴ Employees		21	21	21	21	21	21	21	21	21	21	21	21	21	21
Number of Trips per vehicle		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
Trip Distance		10.43	10.49	10.54	10.59	10.64	10.7	10.75	10.80	10.85	10.91	10.96	11.01	11.06	11.11
Average Vehicle Ridership		1	1	1	1	1	1	1	1	1	1	1	1	1	1
Vehicles		21	21	21	21	21	21	21	21	21	21	21	21	21	21
Total Trips		48	48	48	48	48	48	48	48	48	48	48	48	48	48
Total VMT		500.64	503.52	505.92	508.32	510.72	513.6	516	518.4	520.9477	523.4585	525.9692	528.48	530.9908	533.5015

¹CEQA Hndbk, Table A9-17-C

²CEQA Hndbk, Table A9-17-A

³CEQA Hndbk, Table A9-17-B

⁴CEQA Hndbk, Table A9-17

Employee Emission Factors, EFMAC 2002

	Year	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
CO	(lbs/mile)	0.01815	0.01656	0.01517	0.01393	0.01282	0.01180	0.01085	0.00995	0.00927	0.00851	0.00782	0.00719	0.00661	0.00609
ROC	(lbs/mile)	0.00194	0.00177	0.00163	0.00150	0.00138	0.00128	0.00118	0.00109	0.00102	0.00094	0.00087	0.00081	0.00076	0.00071
SO2	(lbs/mile)	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
NOx	(lbs/mile)	0.00201	0.00180	0.00163	0.00149	0.00136	0.00125	0.00114	0.00104	0.00095	0.00087	0.00079	0.00072	0.00066	0.00060
PM10	(lbs/mile)	0.00011	0.00011	0.00011	0.00011	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012

Construction Employee Emissions (lbs/day)

	Year	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
CO	(lbs/day)	9.09	8.34	7.67	7.08	6.55	6.06	5.60	5.16	4.83	4.46	4.11	3.80	3.51	3.25
ROC	(lbs/day)	0.97	0.89	0.82	0.76	0.71	0.66	0.61	0.56	0.53	0.49	0.46	0.43	0.40	0.38
SO2	(lbs/day)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	(lbs/day)	1.01	0.91	0.83	0.76	0.70	0.64	0.59	0.54	0.50	0.45	0.42	0.38	0.35	0.32
PM10	(lbs/day)	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07

LA County Average		Regional Emission Calcs														
Trip Length		Speeds - LA County Average														
	Work	AM-Peak	CO, NOx	Off-Peak	ROC	PM-Peak	SOX, PM10, Pb									
1987	9.6	1987	24	1987	34	1987	18									
2010	10.8	2010	21	2010	33	2010	15									
1998	10.17	1998	23	1998	34	1998	17									
1999	10.23	1999	22	1999	33	1999	16									
2000	10.28	2000	22	2000	33	2000	16									
2001	10.33	2001	22	2001	33	2001	16									
2002	10.38	2002	22	2002	33	2002	16									
2003	10.43	2003	22	2003	33	2003	16									
2004	10.49	2004	22	2004	33	2004	16									
2005	10.54	2005	22	2005	33	2005	16									
2006	10.59	2006	22	2006	33	2006	16									
2007	10.64	2007	21	2007	33	2007	15									
2008	10.7	2008	21	2008	33	2008	15									
2009	10.75	2009	21	2009	33	2009	15									
2010	10.80	2010	21	2010	33	2010	15									
2011	10.85	2011	21	2011	33	2011	15									
2012	10.91	2012	21	2012	33	2012	15									
2013	10.96	2013	21	2013	33	2013	15									
2014	11.01	2014	20	2014	33	2014	14									
2015	11.06	2015	20	2015	33	2015	14									
2016	11.11	2016	20	2016	33	2016	14									
LA County		1987	2010	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Trip Length	Work	9.6	10.8	10.17	10	10.28	10.33	10.4	10.43	10.49	10.54	10.59	10.64	10.7	10.75	10.80
Temperature (degrees F)																
LA Coastal Speed (mph)																
CO	60	22.57														
Nox	75	22.57														
ROC	85	33.52														

VI. INFRASTRUCTURE										OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY						
										2005										2006															
Area 2										CO Total (lbs/day)																									
										2004	2005	2006	2007																						
QUANTITY UNIT RATE CDays Ed/Cd ED																																			
Area 2																																			
CLEAR & GRUB										106 Acres	1.875	56.53	2	113.1	384.99	354.26	326.83	302.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	AREA 2 GRADING									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Strip									4617.36	TSF	312.5	14.78	1	14.78	384.99	354.26	326.83	302.32	384.99	0	0	0	0	0	0	0	0	0	0	0				
	Scarify									4617.36	TSF	350	13.19	2	26.38	384.99	354.26	326.83	302.32	384.99	0	0	0	0	0	0	0	0	0	0	0	0			
	Compact									2800.776	TSF	202.5	13.83	3	41.49	384.99	354.26	326.83	302.32	384.99	0	0	0	0	0	0	0	0	0	0	0	0			
	Fill/Remove Surcharge									624819.6	CY	2250	277.7	31	8609	384.99	354.26	326.83	302.32	0	0	384.99	354.26	354.26	354.26	354.26	354.26	354.26	354.26	354.26	354.26				
	Mass Excavate															384.99	354.26	326.83	302.32	0	0	0	0	0	0	0	0	0	0	0	0				
	Excavate for riparian/lagoon									79000	CY	1935	40.83	31	1266																				
1	AREA D-2 INFRASTRUCTURE																																		
	Domestic water																																		
	Storm drain									4840	LF	750	6.453	3	19.36	384.99	354.26	326.83	302.32	0	0	0	0	0	0	0	0	326.8	0	0	0	0			
	Sanitary sewer									9070	LF	375	24.19	3	72.56	384.99	354.26	326.83	302.32	0	0	0	0	0	0	0	0	0	326.83	326.8	0	0			
	Reclaimed water									12970	LF	875	14.82	1	14.82	384.99	354.26	326.83	302.32	0	0	0	0	0	0	0	0	0	0	326.83	0	0	0		
	Domestic water									12970	LF	875	14.82	1	14.82	384.99	354.26	326.83	302.32	0	0	0	0	0	0	0	0	0	0	326.8	0	0			
	Utilities(G,T,C,E)									12970	LF	875	14.82	1	14.82	384.99	354.26	326.83	302.32	0	0	0	0	0	0	0	0	0	0	326.8	0	0			
1	STREETS, SIDEWALKS & LANDSCAPING																																		
	Sub-base									85087.2	SY	4625	18.4	3	55.19	384.99	354.26	326.83	302.32	0	0	0	0	0	0	0	0	0	0	326.83	0				
	Base course									85087.2	SY	5250	16.21	4	64.83	384.99	354.26	326.83	302.32	0	0	0	0	0	0	0	0	0	0	326.83	0				
	Asphalt									85087.2	SY	6125	13.89	4	55.57	384.99	354.26	326.83	302.32	0	0	0	0	0	0	0	0	0	0	326.83	0				
	Max for Site Prep for Area (lbs/day)																384.99	0.00	384.99	354.26	354.26	354.26	354.26	354.26	354.26	354.26	326.83	326.83	326.83	326.83					
Total Site Prep for Area (tons/qtr)																4.33	4.33	8.66	8.32	12.30	11.96	11.96	11.96	11.96	11.96	11.65	11.34	11.03	11.03	11.03					

VI. INFRASTRUCTURE										OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	
										2005										2006										
		QUANTITY	UNIT	RATE	CDays	Ed/Cd	ED	ROC Total (lbs/day)																						
Area 2								2004	2005	2006	2007																			
1.3	CLEAR & GRUB	106 Acres	1.875	56.53	2	113.07	41.17	37.98	35.14	32.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	AREA 2 GRADING										0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Strip	4617.36 TSF	312.5	14.78	1	14.776	41.17	37.98	35.14	32.61	41.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Scarify	4617.36 TSF	350	13.19	2	26.385	41.17	37.98	35.14	32.61	41.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	ROCmpact	2800.776 TSF	202.5	13.83	3	41.493	41.17	37.98	35.14	32.61	41.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Fill/Remove Surcharge	624819.6 CY	2250	277.7	31	8608.6	41.17	37.98	35.14	32.61	0	0	41.2	38	37.98	37.98	37.98	38	37.98	37.98	37.98	37.98	38	38	37.98	0	0	0	0	
	Mass Excavate							41.17	37.98	35.14	32.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Excavate for riparian/lagoon	79000 CY	1935	40.83	31	1265.6																								
1.3	AREA D-2 INFRASTRUCTURE																													
	Domestic water																													
	Storm drain	4840 LF	750	6.453	3	19.36	41.17	37.98	35.14	32.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.14	0	0	0	0	
	Sanitary sewer	9070 LF	375	24.19	3	72.56	41.17	37.98	35.14	32.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.1	35.14	0	0	
	Reclaimed water	12970 LF	875	14.82	1	14.823	41.17	37.98	35.14	32.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.1	0	0	0	
	Domestic water	12970 LF	875	14.82	1	14.823	41.17	37.98	35.14	32.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.14	0	0	
	Utilities(G,T,C,E)	12970 LF	875	14.82	1	14.823	41.17	37.98	35.14	32.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.14	0	0	
1.3	STREETS, SIDEWALKS & LANDSCAPING																													
	Sub-base	85087.2 SY	4625	18.4	3	55.192	41.17	37.98	35.14	32.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.1	0	
	Base ROCurse	85087.2 SY	5250	16.21	4	64.828	41.17	37.98	35.14	32.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.1	0	
	Asphalt	85087.2 SY	6125	13.89	4	55.567	41.17	37.98	35.14	32.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.1	0	
	Max for Site Prep for Area (lbs/day)										41.17	0.00	41.17	37.98	37.98	37.98	37.98	37.98	37.98	37.98	37.98	37.98	37.98	35.14	35.14	35.14	35.14	35.14		
	Total Site Prep for Area (tons/qtr)											0.46	0.46	0.93	0.89	1.32	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.25	1.22	1.19	1.19	1.19	

VI. INFRASTRUCTURE									OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY				
				QUANTITY UNIT	RATE	CDays	Ed/Cd	ED	NOx Total (lbs/day)																							
Area 2									2004	2005	2006	2007																				
1.3	CLEAR & GRUB			106 Acres	1.875	56.53	2	113.1	41.85	38.17	34.95	32.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	AREA 2 GRADING												0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Strip			4617.36 TSF	312.5	14.78	1	14.78	41.85	38.17	34.95	32.09	41.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Scarify			4617.36 TSF	350	13.19	2	26.38	41.85	38.17	34.95	32.09	41.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Compact			2800.776 TSF	202.5	13.83	3	41.49	41.85	38.17	34.95	32.09	41.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Fill/Remove Surcharge			624819.6 CY	2250	277.7	31	8609	41.85	38.17	34.95	32.09	0	0	41.8	38.2	38.17	38.17	38.17	38.17	38.17	38.17	38.17	38.2	0	0	0	0				
	Mass Excavate								41.85	38.17	34.95	32.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
1.3	Excavate for riparian/lagoon			79000 CY	1935	40.83	31	1266																								
	AREA D-2 INFRASTRUCTURE																															
	Domestic water																															
	Storm drain			4840 LF	750	6.453	3	19.36	41.85	38.17	34.95	32.09	0	0	0	0	0	0	0	0	0	0	0	34.9	0	0	0	0				
	Sanitary sewer			9070 LF	375	24.19	3	72.56	41.85	38.17	34.95	32.09	0	0	0	0	0	0	0	0	0	0	0	0	34.9	34.95	0	0				
	Reclaimed water			12970 LF	875	14.82	1	14.82	41.85	38.17	34.95	32.09	0	0	0	0	0	0	0	0	0	0	0	0	34.9	0	0	0				
	Domestic water			12970 LF	875	14.82	1	14.82	41.85	38.17	34.95	32.09	0	0	0	0	0	0	0	0	0	0	0	0	0	34.95	0	0				
1.3	Utilities(G,T,C,E)			12970 LF	875	14.82	1	14.82	41.85	38.17	34.95	32.09	0	0	0	0	0	0	0	0	0	0	0	0	34.95	0	0					
	STREETS, SIDEWALKS & LANDSCAPING																															
	Sub-base			85087.2 SY	4625	18.4	3	55.19	41.85	38.17	34.95	32.09	0	0	0	0	0	0	0	0	0	0	0	0	0	34.95	0					
	Base Course			85087.2 SY	5250	16.21	4	64.83	41.85	38.17	34.95	32.09	0	0	0	0	0	0	0	0	0	0	0	0	0	34.95	0					
	Asphalt			85087.2 SY	6125	13.89	4	55.57	41.85	38.17	34.95	32.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34.95					
	Max for Site Prep for Area (lbs/day)												41.85	0.00	41.85	38.17	38.17	38.17	38.17	38.17	38.17	38.17	38.17	38.17	34.95	34.95	34.95	34.95	34.95	34.95	34.95	34.95
	Total Site Prep for Area (tons/qtr)												0.47	0.47	0.94	0.90	1.33	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.25	1.22	1.18	1.18	1.18	1.18	1.18	1.18

VI. INFRASTRUCTURE									OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY				
		QUANTITY	UNIT	RATE:Days	Ed/Cd	ED	PM10 Total (lbs/day)				2005												2006									
Area 2							2004	2005	2006	2007																						
1.3	CLEAR & GRUB	106 Acres	1.875	56.5	2	113.07	2.63	2.64	2.68	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	AREA 2 GRADING						2.63	2.64	2.68	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Strip	4617.36 TSF	312.5	14.8	1	14.776	2.63	2.64	2.68	2.71	2.627	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Scarify	4617.36 TSF	350	13.2	2	26.385	2.63	2.64	2.68	2.71	2.627	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Compact	2800.776 TSF	202.5	13.8	3	41.493	2.63	2.64	2.68	2.71	2.627	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Fill/Remove Surcharge	624819.6 CY	2250	278	31	8608.6	2.63	2.64	2.68	2.71	0	0	2.63	2.64	2.64	2.64	2.64	2.64	2.64	2.6	2.64	2.64	2.64	0	0	0	0	0				
	Mass Excavate						2.63	2.64	2.68	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	Excavate for riparian/lagoon	79000 CY	1935	40.8	31	1265.6																										
1.3	AREA D-2 INFRASTRUCTURE																															
	Domestic water																															
	Storm drain	4840 LF	750	6.45	3	19.36	2.63	2.64	2.68	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	2.676	0	0	0	0				
	Sanitary sewer	9070 LF	375	24.2	3	72.56	2.63	2.64	2.68	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.68	2.68	0	0				
	Reclaimed water	12970 LF	875	14.8	1	14.823	2.63	2.64	2.68	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.68	0	0	0				
	Domestic water	12970 LF	875	14.8	1	14.823	2.63	2.64	2.68	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.68	0	0				
	Utilities(G,T,C,E)	12970 LF	875	14.8	1	14.823	2.63	2.64	2.68	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.68	0	0				
1.3	STREETS, SIDEWALKS & LANDSCAPING																															
	Sub-base	85087.2 SY	4625	18.4	3	55.192	2.63	2.64	2.68	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.7	0					
	Base Course	85087.2 SY	5250	16.2	4	64.828	2.63	2.64	2.68	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.7	0					
	Asphalt	85087.2 SY	6125	13.9	4	55.567	2.63	2.64	2.68	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.68					
	Max for Site Prep for Area (lbs/day)										2.63	0.00	2.63	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.68	2.68	2.68	2.68	2.68				
Total Site Prep for Area (tons/qtr)											0.03	0.03	0.06	0.06	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09

Haul Truck (HDD) EF (EMFAC 2002)

	Year	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
CO	(lbs/mile)	0.0231	0.0210	0.0191	0.0175	0.0159	0.0145	0.0132	0.0121	0.0110	0.0100	0.0093	0.0086	0.0080
ROG	(lbs/mile)	0.0031	0.0030	0.0028	0.0026	0.0025	0.0023	0.0021	0.0020	0.0019	0.0018	0.0017	0.0016	0.0016
SOx	(lbs/mile)	0.0002	0.0002	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NOx	(lbs/mile)	0.0296	0.0281	0.0268	0.0250	0.0232	0.0215	0.0193	0.0170	0.0153	0.0137	0.0124	0.0112	0.0101
PM10	(lbs/mile)	0.0010	0.0009	0.0009	0.0008	0.0008	0.0007	0.0007	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005

VI. INFRASTRUCTURE										SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY				
		QUANTITY	UNIT	CDays	Moved per day (cu.yds)	# of Loads	On-Site VMT	CO Total (lbs/day)																										
								2004	2005	2006	2007	2005																		2006				
Area 2																																		
1	CLEAR & GRUB	106 Acres	56.5									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	AREA 2 GRADING											0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Strip	4617 TSF	14.8									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Scarify	4617 TSF	13.2									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Compact	2801 TSF	13.8									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Fill	624820 CY	278		0	188	94	2.2	2.0	1.8	1.6	0	0	0	2.16	1.97	1.97	1.97	1.97	2	1.97	1.97	1.97	2	1.97	1.97	1.97	0	0	0	0			
	Excavate for riparian/lagoon	79000 CY	40.8		0	40	20	0.5	0.4	0.4	0.4	0	0.47	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Total Site Prep for Area (lbs/day)											0.00	0.47	0.47	2.16	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	0.40	0.30	0.40	0.00	0.00				
1	AREA D-2 INFRASTRUCTURE																																	
	Domestic water																																	
	Storm drain	4840 LF	6.45		0	42	21	0.5	0.4	0.4	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	0	0	0	0			
	Sanitary sewer	9070 LF	24.2		0	21	10	0.2	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0	0			
	Reclaimed water	12970 LF	14.8		0	10	5.21	0.1	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0			
	Domestic water	12970 LF	14.8		0	10	5.21	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	0.1	0	0			
	Utilities(G,T,C,E)	12970 LF	14.8		0	10	5.21	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	0.1	0	0			
	STREETS, SIDEWALKS & LANDSCAPING																																	
1	Sub-base	85087.2 SY	18.4			64.25	32.12	0.7	0.7	0.6	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0			
	Base course	85087.2 SY	16.2			72.93	36.47	0.8	0.8	0.7	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.7	0			
	Asphalt	85087.2 SY	13.9			51.04	25.52	0.6	0.5	0.5	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0		

VI. INFRASTRUCTURE								OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	
		QUANTITY	UNIT	CDays	NOx Total (lbs/day)				2005												2006							
					2004	2005	2006	2007																				
Area 2																												
1.3	CLEAR & GRUB	106	Acres	56.533					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	AREA 2 GRADING								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Strip	4617	TSF	14.776					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Scarify	4617	TSF	13.192					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Compact	2801	TSF	13.831					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill	624820	CY	277.7	2.78	2.64	2.51	2.34	0	0	2.78	2.64	2.64	2.6	2.64	2.64	2.64	2.64	2.64	2.64	2.6	2.64	0	0	0	0	0	0
	Excavate for riparian/lagoon	79000	CY	40.827	0.60	0.57	0.54	0.50	0.6	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Site Prep for Area (lbs/day)								0.60	0.60	2.78	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	0.56	0.42	0.56	0.00	0.00	
1.3	AREA D-2 INFRASTRUCTURE																											
	Domestic water																											
	Storm drain	4840	LF	6.4533	0.62	0.59	0.56	0.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.56	0	0	0	0	0
	Sanitary sewer	9070	LF	24.187	0.31	0.29	0.28	0.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.28	0.28	0	0	0
	Reclaimed water	12970	LF	14.823	0.15	0.15	0.14	0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.14	0	0	0	0
	Domestic water	12970	LF	14.823	0.15	0.15	0.14	0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.14	0	0	0
	Utilities(G,T,C,E)	12970	LF	14.823	0.15	0.15	0.14	0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.14	0	0	0
	STREETS, SIDEWALKS & LANDSCAPING																											
Sub-base	85087.2	SY	18.397	0.95	0.90	0.86	0.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.86	0	0	
Base course	85087.2	SY	16.207	1.08	1.03	0.98	0.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.98	0	0	
Asphalt	85087.2	SY	13.892	0.76	0.72	0.68	0.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.68	0

VI. INFRASTRUCTURE								OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY				
								2005												2006											
				PM10 Total (lbs/day)																											
				QUANTITY	UNIT	CDays	2004	2005	2006	2007																					
1.3	Area 2																														
	CLEAR & GRUB	106 Acres	56.53							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	AREA 2 GRADING									0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Strip	4617 TSF	14.78							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Scarify	4617 TSF	13.19							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Compact	2801 TSF	13.83							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Fill	624820 CY	277.7	0.09	0.09	0.08	0.08	0	0	0.1	0.09	0.09	0.1	0.1	0.09	0.09	0.087	0.09	0.09	0.09	0.1	0.09	0	0	0	0	0				
	Excavate for riparian/lagoon	79000 CY	40.83	0.02	0.02	0.02	0.02	0.02	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Total Site Prep for Area (lbs/day)									0.02	0.02	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.02	0.01	0.02	0.00	0.00					
Total Site Prep for Area (tons/qtr)									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
1.3	AREA D-2 INFRASTRUCTURE																														
	Domestic water																														
	Storm drain	4840 LF	6.453	0.02	0.02	0.02	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0	0	0	0				
	Sanitary sewer	9070 LF	24.19	0.01	0.01	0.01	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0				
	Reclaimed water	12970 LF	14.82	0.01	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Domestic water	12970 LF	14.82	0.01	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Utilities(G,T,C,E)	12970 LF	14.82	0.01	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	STREETS, SIDEWALKS & LANDSCAPING																														
1.3	Sub-base	85087.2 SY	18.4	0.03	0.03	0.03	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Base course	85087.2 SY	16.21	0.04	0.03	0.03	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	Asphalt	85087.2 SY	13.89	0.02	0.02	0.02	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.02				

VI. INFRASTRUCTURE								OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
</																											

8/14/2003 6:23 PM 05-Construction Regional Emissions Worksheets HDD Off-Site Truck CO

		Trip Length:		15 miles				OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
VI. INFRASTRUCTURE		QUANTITY UNIT		CDays		NOx Total (lbs/day)																					
						2004		2005		2006		2007															
Area 2																											
1.3 CLEAR & GRUB		106 Acres		56.53																							
1.3 AREA 2 GRADING																											
		Strip		4617 TSF		14.78																					
		Scarify		4617 TSF		13.19																					
		Compact		2801 TSF		13.83																					
		Fill		624820 CY		277.7		166.54		158.30		150.50		140.50													
		Excavate for riparian/lagoon		79000 CY		40.83		35.81		34.03		32.36		30.21		35.806		35.81		0		0		0		0	
		Total Site Prep for Area (lbs/day)																									
1.3 AREA D-2 INFRASTRUCTURE																											
		Domestic water																									
		Storm drain		4840 LF		6.453		37.01		35.18		33.45		31.22		0		0		0		0		33.45		0	
		Sanitary sewer		9070 LF		24.19		18.50		17.59		16.72		15.61		0		0		0		0		0		16.72	
		Reclaimed water		12970 LF		14.82		9.25		8.79		8.36		7.81		0		0		0		0		0		8.361	
		Domestic water		12970 LF		14.82		9.25		8.79		8.36		7.81		0		0		0		0		0		8.361	
		Utilities(G,T,C,E)		12970 LF		14.82		9.25		8.79		8.36		7.81		0		0		0		0		0		8.361	
1.3 STREETS, SIDEWALKS & LANDSCAPING																											
		Sub-base		85087.2 SY		18.4		57.07		54.24		51.57		48.14		0		0		0		0		0		0	
		Base course		85087.2 SY		16.21		64.78		61.57		58.54		54.65		0		0		0		0		0		0	
		Asphalt		85087.2 SY		13.89		45.34		43.09		40.97		38.25		0		0		0		0		0		0	

[illegible]

				Trip Length: 15 miles																								
VI. INFRASTRUCTURE				ROC Total (lbs/day)				OCT	NOV	DEC	JAN 2005	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2006	FEB	MAR	APR	MAY	
	QUANTITY	UNIT	CDays	2004	2005	2006	2007																					
Area 2																												
	CLEAR & GRUB	106 Acres	56.53					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.3	AREA 2 GRADING							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Strip	4617 TSF	14.78					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Scarify	4617 TSF	13.19					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Compact	2801 TSF	13.83					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fill	624820 CY	277.7	17.71	16.62	15.63	14.67	0	0	17.71	16.6	16.62	16.62	16.62	16.62	16.62	16.62	16.6	16.62	16.62	16.6	16.62	0	0	0	0	0	0
	Excavate for riparian/lagoon	79000 CY	40.83	3.81	3.57	3.36	3.15	3.807	3.807	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Site Prep for Area (lbs/day)							3.81	3.81	17.71	16.62	16.62	16.62	16.62	16.62	16.62	16.62	16.62	16.62	16.62	16.62	16.62	3.47	2.61	3.47	0.00	0.00	
	Total Site Prep for Area (tons/qtr)							0.04	0.09	0.28	0.43	0.57	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.41	0.26	0.11	0.07	0.04	
1.3	AREA D-2 INFRASTRUCTURE																											
	Domestic water																											
	Storm drain	4840 LF	6.453	3.94	3.69	3.47	3.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.47	0	0	0	0	0
	Sanitary sewer	9070 LF	24.19	1.97	1.85	1.74	1.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.74	1.74	0	0	0
	Reclaimed water	12970 LF	14.82	0.98	0.92	0.87	0.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.87	0	0	0	0
	Domestic water	12970 LF	14.82	0.98	0.92	0.87	0.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.87	0	0	0
	Utilities(G,T,C,E)	12970 LF	14.82	0.98	0.92	0.87	0.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.87	0	0	0
1.3	STREETS, SIDEWALKS & LANDSCAPING																											
	Sub-base	85087.2 SY	18.4	6.07	5.70	5.36	5.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.36	0	0
	Base course	85087.2 SY	16.21	6.89	6.47	6.08	5.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.08	0	0
	Asphalt	85087.2 SY	13.89	4.82	4.52	4.26	3.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.26	0

		MONTH														COMMENTS
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
100																
	EQUIPMENT DAYS															
HOTEL	=====															
120000 SF 150ROOMS																
2 LEVELS UG PARKING																
FOUNDATIONS																
STURCT EXCAV																
TRUCKING																
BACKHOES	5							10	10	5	5	5	5			WE DO NOT TRUCK WE STOCK PILE FOR BACKFILL
FORKLIFTS	3	5	7	7	7	7	7	7	3	2	2					111CY/144CY/DAY=1DAY
FRONT END LOADER	5									5						848LF*2*3/27=188CY*2FOR INTERNAL=376/144=3DAYS
BOBCATS																157CYPERIMETER EXCAVATE AND FILL
PILE DRIVERS	16															677CYBACKFILL/150/DAY=5 DAYS
CRANE		21	21	21	21	21	21	21								192PILES*50/600=16DAYS
COMPACTOR									5			4				
CONC FOUND																
CONC TRUCKS	28	20														48 PILECAPS 5X5X2.5=111CY/55CY/DAY=2DAYS
DELIVERY TRUCKS																376CY/55CY/DAY=7DAYS
CONC PUMPS	5	4														
FOUND WALLS																
CONC TRUCKS		38	28													17808SF=660CY/95CY/DAY=7DAYS
DELIVERY TRUCKS																
CONC PUMPS		4	3													
SOG																31750*.5/27=588CY
CONC TRUCKS		30	29													
DELIVERY TRUCKS																
CONC PUMPS		2	2													
STRUCTURE																
CONCRETE																
CRANE																
DELIVERY TRUCKS																1.2CF/SF*185000=8220CY
CONCRETE TRUCKS																
CONC PUMPS																
MISC. DELIVERY TRUCKS																
CRANE																
DELIVERY TRUCKS	42	42	63	84	127	127	127	127	127	127	127	127				ALL DELIVERIES W/O STEEL = 6 PER DAY
DELIVERIES FOR OTHER INTERIOR, EXTERIOR, MECHANICAL AND ELECTRICAL ARE W/MISC DELIVERIES ABOVE																
SITEWORK																
BACKHOE/SKIPLAODER																
FRONT END LOADER																
COMPACTOR																
	2620	104	166	359	318	361	361	371	161	144	134	136	5	0	0	0

MONTH															COMMENTS	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
100																WE DO NOT TRUCK WE STOCK PILE FOR BACKFILL 111CY/144CY/DAY=1DAY
OFFICE	EQUIPMENT DAYS															
125000	=====															
2 LEVELS UG PARKING																
FOUNDATIONS																
STURCT EXCAV																OFF-SITE EXPORT IS COVERED IN THE INFRASTRUCTURE
TRUCKING																
BACKHOES	5					4	10	10	5	5	5					
FORKLIFTS	2	3	5	5	7	7	7	5	4	3					848LF*2*3/27=188CY*2FOR INTERNAL=376/144=3DAYS 157CYPERIMETER EXCAVATE AND FILL 677CYBACKFILL/150/DAY=5 DAYS	
FRONT END LOADER	5	2				1			5							
BOBCATS																
PILE DRIVERS	16														192PILES*50/600=16DAYS	
CRANE		3	21	21	10											
COMPACTOR									5							
FIRE PUMP											2				48 PILECAPS 5X5X2.5=111CY/55CY/DAY=2DAYS Grade beams 376CY/55CY/DAY=7DAYS	
CONC FOUND																
CONC TRUCKS		49														
DELIVERY TRUCKS															17808SF=660CY/95CY/DAY=7DAYS	
CONC PUMPS		9														
FOUND WALLS																
CONC TRUCKS		27	39												31750*.5/27=588CY...147 cy/day=4 DAYS	
DELIVERY TRUCKS																
CONC PUMPS		3	4													
SOG															31750*.5/27=588CY...147 cy/day=4 DAYS	
CONC TRUCKS		30	29													
DELIVERY TRUCKS																
CONC PUMPS		2	2												190500SF*4/12/27=2351CY/6FLOORS/2POURS/FLOOR=19	
STRUCTURE																
STRUC STL																
CRANE	STATIONARY															
DELIVERY TRUCKS			42	42	42	20									190500SF*12LBS/SF=1143TONS@ 14.4T/DAY=79 DAYS	
DECKING																
DELIVERY TRUCKS	DECKING DELIVERY INCLUDED BELOW															
CONC FILL																190500SF*4/12/27=2351CY/6FLOORS/2POURS/FLOOR=19
CONC TRUCKS			60	60	60	55										
DELIVERY TRUCKS							MISC ITEM DELIVERY INCLUDED BELOW									
CONC PUMPS			3	3	3	3										
ENCLOSURE																
MISC DESIVERY TRUCKS INCLUDING SKIN HVAC,ELECT,PLUMB,ETC																ALL DELIVERIES W/O STEEL = 6 PER DAY
CRANE																
DELIVERY TRUCKS	42	42	84	126	126	126	126	126	126	84	41					
FIRE PROT																FIRE PUMP TESTING
FIRE PUMP											2					
ELECT																
EMERG GENERATOR											2				EMERGENCY GENERATOR TESTING	
DIV 17																
SITework																
BACKHOE/SKIPLAODER															30000SF	
FRONT END LOADER																
COMPACTOR																

1823 70 170 289 257 248 216 143 141 145 92 52 0 0 0

MONTH															COMMENTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
EQUIPMENT DAYS															
RESIDENTIAL =====															
150 UNITS 150000SF															
2 LEVELS UG PARKING															
FOUNDATIONS															
STURCT EXCAV															
TRUCKING															
BACKHOES															
FORKLIFTS															
FRONT END LOADER															
BOBCATS															
PILE DRIVERS															
CRANE															
COMPACTOR															
CONC FOUND															
CONC TRUCKS															
DELIVERY TRUCKS															
CONC PUMPS															
FOUND WALLS															
CONC TRUCKS															
DELIVERY TRUCKS															
CONC PUMPS															
SOG															
CONC TRUCKS															
DELIVERY TRUCKS															
CONC PUMPS															
STRUCTURE															
CONCRETE															
CRANE															
DELIVERY TRUCKS															
CONCRETE TRUCKS															
CONC PUMPS															
SKIN															
CRANE															
DELIVERY TRUCKS															
OTHER INTERIOR,EXTERIOR, MECHANICAL AND ELECTRICAL DELIVERIES ARE INCLUDED WITH MISC DELIV ABOVE															
SITEWORK															
BACKHOE/SKIPLAODER															
FRONT END LOADER															
STATIONARY															
STATIONARY															
1570	77	183	338	251	278	135	132	100	67	3	3	3	0	0	

RE

5CY/F

CONSTRUCTION MONTH (DAYS) 26

100
HOTEL
120000 SF ## Rooms
2 LEVELS UG PARKING

FOUNDATIONS

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	COMMENTS
STURCT EXCAV															
TRUCKING	0	0	0	0	0	0	0	0	0	0	0	0	0	0	WE DO NOT TRUCK WE STOCK PILE FOF
BACKHOES	1	0	0	0	0	0	1	1	1	1	1	1	0	0	111CY/144CY/DAY=1DAY
FORKLIFTS	1	1	1	1	1	1	1	1	1	1	0	0	0	0	848LF*2*3/27=188CY*2FOR INTERNAL=37
FRONT END LOA	1	0	0	0	0	0	0	0	1	0	0	0	0	0	157CYPERIMETER EXCAVATE AND FILL
BOBCATS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	677CYBACKFILL/150/DAY=5 DAYS
PILE DRIVERS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	192PILES*50/600=16DAYS
CRANE	0	1	1	1	1	1	1	1	0	0	0	0	0	0	
COMPACTOR	0	0	0	0	0	0	0	0	1	0	1	0	0	0	
CONC FOUND															
CONC TRUCKS	1	1	0	0	0	0	0	0	0	0	0	0	0	0	48 PILECAPS 5X5X2.5=111CY/55CY/DAY=
DELIVERY TRUCKS															376CY/55CY/DAY=7DAYS
CONC PUMPS	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
FOUND WALLS															
CONC TRUCKS	0	1	1	0	0	0	0	0	0	0	0	0	0	0	17808SF=660CY/95CY/DAY=7DAYS
DELIVERY TRUCKS															
CONC PUMPS	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
SOG															31750*.5/27=588CY
CONC TRUCKS	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
DELIVERY TRUCKS															
CONC PUMPS	0	1	1	0	0	0	0	0	0	0	0	0	0	0	

STRUCTURE

CONCRETE															
CRANE															
DELIVERY TRUCKS															1.2CF/SF*185000=8220CY
CONCRETE TRU	0	0	6	6	6	6	6	0	0	0	0	0	0	0	
CONC PUMPS	0	0	1	1	1	1	1	0	0	0	0	0	0	0	

MISC. DELIVERY TRUCKS

CRANE															
DELIVERY TRUC	8	8	8	9	11	11	11	11	11	11	11				ALL DELIVERIES W/O STEEL (PER I 6

DELIVERIES FOR OTHER INTERIOR, EXTERIOR, MECHANICAL AND ELECTRICAL ARE W/MISC DELIVERIES ABOVE

SITework

BACKHOE/SKIPLAODER	STATIONARY
FRONT END LOADER	STATIONARY
COMPACTOR	STATIONARY

223 13.7 16.2 28.9 25.5 27.2 27.2 28.2 13.9 14.9 12.9 12.9 1 0 0 0

2 BACKFILL

'6/144=3DAYS

2DAYS

CONSTRUCTION MONTH (DAYS)		26																		
		MONTH																		
100		1	2	3	4	5	6	7	8	9	10	11	12	13	14	COMMENTS				
OFFICE		EQUIPMENT PER DAY																		
125000 SF		=====																		
2 LEVELS UG PARKING																WE DO NOT TRUCK WE STOCK PILE FOR BACKFILL 111CY/144CY/DAY=1DAY				
FOUNDATIONS																				
STURCT EXCAV																OFF-SITE EXPORT IS COVERED IN THE INFRASTRU				
TRUCKING		0	0	0	0	0	0	0	0	0	0	0	0	0	0					
BACKHOES		1	0	0	0	0	1	1	1	1	1	1	0	0	0					
FORKLIFTS		1	1	1	1	1	1	1	1	1	1	0	0	0	0		848LF*2*3/27=188CY*2FOR INTERNAL=376/144=3DA\			
FRONT END LOADR		1	1	0	0	0	1	0	0	1	0	0	0	0	0		157CYPERIMETER EXCAVATE AND FILL			
BOBCATS		0	0	0	0	0	0	0	0	0	0	0	0	0	0		677CYBACKFILL/150/DAY=5 DAYS			
PILE DRIVERS		1	0	0	0	0	0	0	0	0	0	0	0	0	0		192PILES*50/600=16DAYS			
CRANE		0	1	1	1	1	0	0	0	0	0	0	0	0	0					
COMPACTOR		0	0	0	0	0	0	0	0	1	0	0	0	0	0					
CONC FOUND																				
CONC TRUCKS		0	2	0	0	0	0	0	0	0	0	0	0	0	0		48 PILECAPS 5X5X2.5=111CY/55CY/DAY=2DAYS			
DELIVERY TRUCKS																				
CONC PUMPS		0	1	0	0	0	0	0	0	0	0	0	0	0	0		Grade beams 376CY/55CY/DAY=7DAYS			
FOUND WALLS																				
CONC TRUCKS		0	1	2	0	0	0	0	0	0	0	0	0	0	0		17808SF=660CY/95CY/DAY=7DAYS			
DELIVERY TRUCKS																				
CONC PUMPS		0	1	1	0	0	0	0	0	0	0	0	0	0	0					
SOG																				
CONC TRUCKS		0	1	1	0	0	0	0	0	0	0	0	0	0	0		31750*.5/27=588CY...147 cy/day=4 DAYS			
DELIVERY TRUCKS																				
CONC PUMPS		0	1	1	0	0	0	0	0	0	0	0	0	0	0					
STRUCTURE																				
STRUC STL																				
CRANE		STATIONARY														190500SF*12LBS/SF=1143TONS@ 14.4T/DAY=79 DA\				
DELIVERY TRUCKS		8 8 8 7																		
DECKING																				
DELIVERY TRUCKS																				
CONC FILL																				
CONC TRUCKS		0	0	2	2	2	2	0	0	0	0	0	0	0	0		190500SF*4/12/27=2351CY/6FLOORS/2POURS/FLOOI			
CONC PUMPS		0	0	1	1	1	1	0	0	0	0	0	0	0	0					
ENCLOSURE																				
MISC DESIVERY TRUCKS INCLUDING SKIN HVAC,ELECT,PLUMB,ETC																				
CRANE																				
DELIVERY TRUCKS		8	8	9	11	11	11	11	11	11	9	8					ALL DELIVERIES W/O STEEL (PER DAY)	6		
FIRE PROT																				
FIRE PUMP		STATIONARY														2	FIRE PUMP TESTING			
ELECT																	EMERGENCY GENERATOR TESTING			
EMERG GENERAT		STATIONARY														2				
DIV 17																				
SITEWORK																				
30000SF																				
BACKHOE/SKIPLAODER		W/STATIONARY ITEMS																		
FRONT END LOADER		W/STATIONARY ITEMS																		
COMPACTOR		W/STATIONARY ITEMS																		
		162.3077	15.69231	25.76923	22.76923	22.76923	20.96154	10.84615	10.84615	11.84615	9.230769	11.57692	0	0	0	0	0			

.

CTURE

/S

/S

R=195CY/POUR

CONSTRUCTION MONTH (DAYS)														26
														MONTH
	1	2	3	4	5	6	7	8	9	10	11	12	13	14 COMMENTS
EQUIPMENT PER DAY														
=====														
RESIDENTIAL														
150000 SF 150 UNITS														
2 LEVELS UG PARKING														
FOUNDATIONS														
STURCT EXCAV														OFF-SITE EXPORT IS WINFRASTRUCTURE WE DO NOT TRUCK WE STOCK PILE FOR BACKFILL 111CY/144CY/DAY=3DAY 848LF*2*3/27=188CY*2FOR INTERNAL=376/144=3DAYS 157CYPERIMETER EXCAVATE AND FILL 677CYBACKFILL/150/DAY=5 DAYS 192PILES*50/600=16DAYS
TRUCKING	0	0	0	0	0	0	0	0	0	0	0	0	0	
BACKHOES	0	1	0	0	1	1	1	1	1	1	1	1	0	
FORKLIFTS	1	1	1	1	1	1	0	0	0	1	1	1	0	
FRONT END LOADEI	1	1	0	0	0	0	0	1	0	0	0	0	0	
BOBCATS	0	0	0	0	0	0	0	0	0	0	0	0	0	
PILE DRIVERS	1	0	0	0	0	0	0	0	0	0	0	0	0	
CRANE	1	0	1	1	0	0	0	0	0	0	0	0	0	
COMPACTOR	0	0	0	0	0	0	0	0	0	0	0	0	0	
CONC FOUND														48 PILECAPS 5X5X2.5=111CY/55CY/DAY=2DAYS 376CY/55CY/DAY=7DAYS
CONC TRUCKS	0	1	1	0	0	0	0	0	0	0	0	0	0	
DELIVERY TRUCKS	MISC. DELIVERIES BELOW													
CONC PUMPS	0	1	1	0	0	0	0	0	0	0	0	0	0	
FOUND WALLS														17808SF=660CY/95CY/DAY=7DAYS
CONC TRUCKS	0	1	2	0	0	0	0	0	0	0	0	0	0	
DELIVERY TRUCKS	MISC. DELIVERIES BELOW													
CONC PUMPS	0	1	1	0	0	0	0	0	0	0	0	0	0	
SOG														31750*.5/27=588CY
CONC TRUCKS	0	1	1	0	0	0	0	0	0	0	0	0	0	
DELIVERY TRUCKS	MISC. DELIVERIES BELOW													
CONC PUMPS	0	1	1	0	0	0	0	0	0	0	0	0	0	
STRUCTURE														
CONCRETE														.75CF/SF*118000=3280CY 328 TRUCKS
CRANE	0	0	0	0	0	0	0	0	0	0	0	0	0	
DELIVERY TRUCKS	0	7	7	7										
CONCRETE TRUCKS	0	0	4	4	5	0	0	0	0	0	0	0	0	
CONC PUMPS	0	0	1	1	1	0	0	0	0	0	0	0	0	
SKIN														
CRANE	0	0	0	0	0	0	0	0	0	0	0	0	0	ALL DELIVERIES W/O STEEL (PER DAY)
DELIVERY TRUCKS	8	8	8	9	11	11	11	10	8					
OTHER INTERIOR,EXTERIOR, MECHANICAL AND ELECTRICAL DELIVERIES ARE INCLUDED WITH MISC DELIV ABOVE														
SITWORK														
BACKHOE/SKIPLAODER	STATIONARY													
FRONT END LOADER	STATIONARY													
158.84615	11.6	24.46154	29	23.07692	18.80769	12.88462	11.88462	11.65385	9.461538	2	2	2	0	0

Trip Length(miles)	15										
Trips per Vehicle	2										
	Emissions (lbs/day)										
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	6.65	8.59	18.31	17.25	18.51	18.51	18.51	8.33	8.33	8.33	8.33
ROG	0.88	1.13	2.41	2.27	2.44	2.44	2.44	1.10	1.10	1.10	1.10
Nox	8.14	10.51	22.40	21.10	22.65	22.65	22.65	10.19	10.19	10.19	10.19
PM10	0.26	0.34	0.72	0.68	0.73	0.73	0.73	0.33	0.33	0.33	0.33
2003											
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	6.02	7.78	16.57	15.61	16.76	16.76	16.76	7.54	7.54	7.54	7.54
ROG	0.82	1.06	2.26	2.13	2.28	2.28	2.28	1.03	1.03	1.03	1.03
Nox	7.72	9.98	21.25	20.02	21.49	21.49	21.49	9.67	9.67	9.67	9.67
PM10	0.25	0.32	0.69	0.65	0.70	0.70	0.70	0.31	0.31	0.31	0.31
2004											
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	5.47	7.07	15.06	14.19	15.23	15.23	15.23	6.85	6.85	6.85	6.85
ROG	0.77	1.00	2.12	2.00	2.14	2.14	2.14	0.96	0.96	0.96	0.96
Nox	7.34	9.48	20.20	19.03	20.42	20.42	20.42	9.19	9.19	9.19	9.19
PM10	0.24	0.31	0.66	0.62	0.67	0.67	0.67	0.30	0.30	0.30	0.30
2005											
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	4.99	6.45	13.73	12.94	13.89	13.89	13.89	6.25	6.25	6.25	6.25
ROG	0.72	0.94	1.99	1.88	2.02	2.02	2.02	0.91	0.91	0.91	0.91
Nox	6.98	9.01	19.20	18.09	19.42	19.42	19.42	8.74	8.74	8.74	8.74
PM10	0.23	0.29	0.62	0.59	0.63	0.63	0.63	0.28	0.28	0.28	0.28
2006											
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	4.55	5.88	12.53	11.80	12.67	12.67	12.67	5.70	5.70	5.70	5.70
ROG	0.68	0.88	1.87	1.76	1.89	1.89	1.89	0.85	0.85	0.85	0.85
Nox	6.51	8.42	17.93	16.89	18.13	18.13	18.13	8.16	8.16	8.16	8.16
PM10	0.21	0.27	0.57	0.54	0.58	0.58	0.58	0.26	0.26	0.26	0.26
2007											
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	4.16	5.37	11.44	10.78	11.57	11.57	11.57	5.21	5.21	5.21	5.21
ROG	0.64	0.83	1.76	1.66	1.78	1.78	1.78	0.80	0.80	0.80	0.80
Nox	6.05	7.82	16.65	15.69	16.84	16.84	16.84	7.58	7.58	7.58	7.58
PM10	0.20	0.26	0.54	0.51	0.55	0.55	0.55	0.25	0.25	0.25	0.25
2008											
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	3.79	4.90	10.44	9.83	10.55	10.55	10.55	4.75	4.75	4.75	4.75
ROG	0.60	0.77	1.65	1.55	1.67	1.67	1.67	0.75	0.75	0.75	0.75
Nox	5.61	7.24	15.43	14.54	15.60	15.60	15.60	7.02	7.02	7.02	7.02
PM10	0.19	0.24	0.52	0.49	0.52	0.52	0.52	0.23	0.23	0.23	0.23
2009											
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	3.43	4.44	9.45	8.90	9.56	9.56	9.56	4.30	4.30	4.30	4.30
ROG	0.56	0.72	1.54	1.45	1.55	1.55	1.55	0.70	0.70	0.70	0.70
Nox	5.04	6.52	13.88	13.08	14.04	14.04	14.04	6.31	6.31	6.31	6.31
PM10	0.17	0.22	0.48	0.45	0.48	0.48	0.48	0.22	0.22	0.22	0.22
2010											

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Trip Length(miles) 15
Trips per Vehicle 2

		Emissions (lbs/day)										
2003												
MONTH	1	2	3	4	5	6	7	8	9	10	11	
CO	5.83	8.95	16.66	15.89	15.89	15.28	8.30	8.30	8.30	7.06	5.80	
ROG	0.77	1.18	2.20	2.09	2.09	2.01	1.09	1.09	1.09	0.93	0.76	
Nox	7.13	10.95	20.38	19.44	19.44	18.69	10.15	10.15	10.15	8.64	7.09	
PM10	0.23	0.35	0.66	0.62	0.62	0.60	0.33	0.33	0.33	0.28	0.23	
2004												
MONTH	1	2	3	4	5	6	7	8	9	10	11	
CO	5.28	8.10	15.08	14.39	14.39	13.83	7.51	7.51	7.51	6.39	5.25	
ROG	0.72	1.10	2.06	1.96	1.96	1.89	1.02	1.02	1.02	0.87	0.72	
Nox	6.76	10.39	19.34	18.45	18.45	17.73	9.63	9.63	9.63	8.20	6.73	
PM10	0.22	0.34	0.63	0.60	0.60	0.58	0.31	0.31	0.31	0.27	0.22	
2005												
MONTH	1	2	3	4	5	6	7	8	9	10	11	
CO	4.79	7.36	13.70	13.07	13.07	12.57	6.83	6.83	6.83	5.81	4.77	
ROG	0.68	1.04	1.93	1.84	1.84	1.77	0.96	0.96	0.96	0.82	0.67	
Nox	6.43	9.87	18.38	17.53	17.53	16.85	9.16	9.16	9.16	7.79	6.40	
PM10	0.21	0.32	0.60	0.58	0.58	0.55	0.30	0.30	0.30	0.26	0.21	
2006												
MONTH	1	2	3	4	5	6	7	8	9	10	11	
CO	4.37	6.71	12.50	11.92	11.92	11.46	6.23	6.23	6.23	5.30	4.35	
ROG	0.63	0.97	1.81	1.73	1.73	1.66	0.90	0.90	0.90	0.77	0.63	
Nox	6.11	9.39	17.47	16.67	16.67	16.02	8.71	8.71	8.71	7.41	6.08	
PM10	0.20	0.31	0.57	0.54	0.54	0.52	0.28	0.28	0.28	0.24	0.20	
2007												
MONTH	1	2	3	4	5	6	7	8	9	10	11	
CO	3.99	6.12	11.40	10.88	10.88	10.45	5.68	5.68	5.68	4.83	3.97	
ROG	0.60	0.91	1.70	1.62	1.62	1.56	0.85	0.85	0.85	0.72	0.59	
Nox	5.71	8.76	16.31	15.56	15.56	14.96	8.13	8.13	8.13	6.92	5.68	
PM10	0.18	0.28	0.52	0.50	0.50	0.48	0.26	0.26	0.26	0.22	0.18	
2008												
MONTH	1	2	3	4	5	6	7	8	9	10	11	
CO	3.64	5.59	10.41	9.93	9.93	9.55	5.19	5.19	5.19	4.41	3.62	
ROG	0.56	0.86	1.60	1.53	1.53	1.47	0.80	0.80	0.80	0.68	0.56	
Nox	5.30	8.14	15.15	14.45	14.45	13.89	7.55	7.55	7.55	6.42	5.27	
PM10	0.17	0.27	0.50	0.47	0.47	0.45	0.25	0.25	0.25	0.21	0.17	
2009												
MONTH	1	2	3	4	5	6	7	8	9	10	11	
CO	3.32	5.10	9.50	9.06	9.06	8.71	4.73	4.73	4.73	4.03	3.31	
ROG	0.52	0.81	1.50	1.43	1.43	1.37	0.75	0.75	0.75	0.64	0.52	
Nox	4.91	7.54	14.04	13.40	13.40	12.88	7.00	7.00	7.00	5.95	4.89	
PM10	0.16	0.25	0.47	0.45	0.45	0.43	0.23	0.23	0.23	0.20	0.16	
2010												
MONTH	1	2	3	4	5	6	7	8	9	10	11	
CO	3.01	4.62	8.60	8.20	8.20	7.89	4.28	4.28	4.28	3.65	2.99	
ROG	0.49	0.75	1.40	1.33	1.33	1.28	0.70	0.70	0.70	0.59	0.49	
Nox	4.42	6.78	12.63	12.05	12.05	11.58	6.29	6.29	6.29	5.36	4.40	
PM10	0.15	0.23	0.44	0.42	0.42	0.40	0.22	0.22	0.22	0.18	0.15	

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Trip Length(miles)
Trips per Vehicle

15
2

		Emissions (lbs/day)										
		1	2	3	4	5	6	7	8	9	10	11
MONTH		1	2	3	4	5	6	7	8	9	10	11
CO		0.01	14.13	17.60	15.36	12.10	8.33	8.33	7.39	6.48	0.00	0.00
ROG		0.00	1.86	2.32	2.02	1.59	1.10	1.10	0.97	0.85	0.00	0.00
Nox		0.02	17.28	21.53	18.80	14.80	10.19	10.19	9.04	7.92	0.00	0.00
PM10		0.00	0.56	0.69	0.60	0.48	0.33	0.33	0.29	0.25	0.00	0.00
2004												
MONTH		1	2	3	4	5	6	7	8	9	10	11
CO		5.28	12.79	15.93	13.91	10.95	7.54	7.54	6.69	5.86	0.00	0.00
ROG		0.72	1.74	2.17	1.90	1.49	1.03	1.03	0.91	0.80	0.00	0.00
Nox		6.76	16.40	20.43	17.83	14.04	9.67	9.67	8.57	7.52	0.00	0.00
PM10		0.22	0.53	0.66	0.58	0.46	0.31	0.31	0.28	0.24	0.00	0.00
2005												
MONTH		1	2	3	4	5	6	7	8	9	10	11
CO		4.79	11.62	14.48	12.64	9.95	6.85	6.85	6.08	5.33	0.00	0.00
ROG		0.68	1.64	2.04	1.78	1.40	0.96	0.96	0.86	0.75	0.00	0.00
Nox		6.43	15.59	19.42	16.95	13.35	9.19	9.19	8.15	7.14	0.00	0.00
PM10		0.21	0.51	0.64	0.56	0.44	0.30	0.30	0.27	0.23	0.00	0.00
2006												
MONTH		1	2	3	4	5	6	7	8	9	10	11
CO		4.37	10.60	13.20	11.53	9.07	6.25	6.25	5.54	4.86	0.00	0.00
ROG		0.63	1.54	1.92	1.67	1.32	0.91	0.91	0.80	0.71	0.00	0.00
Nox		6.11	14.82	18.46	16.12	12.69	8.74	8.74	7.75	6.79	0.00	0.00
PM10		0.20	0.48	0.60	0.52	0.41	0.28	0.28	0.25	0.22	0.00	0.00
2007												
MONTH		1	2	3	4	5	6	7	8	9	10	11
CO		3.99	9.67	12.04	10.51	8.28	5.70	5.70	5.06	4.43	0.00	0.00
ROG		0.60	1.44	1.80	1.57	1.24	0.85	0.85	0.76	0.66	0.00	0.00
Nox		5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34	0.00	0.00
PM10		0.18	0.44	0.55	0.48	0.38	0.26	0.26	0.23	0.20	0.00	0.00
2008												
MONTH		1	2	3	4	5	6	7	8	9	10	11
CO		3.64	8.83	11.00	9.60	7.56	5.21	5.21	4.62	4.05	0.00	0.00
ROG		0.56	1.36	1.69	1.48	1.16	0.80	0.80	0.71	0.62	0.00	0.00
Nox		5.30	12.85	16.01	13.97	11.00	7.58	7.58	6.72	5.89	0.00	0.00
PM10		0.17	0.42	0.52	0.46	0.36	0.25	0.25	0.22	0.19	0.00	0.00
2009												
MONTH		1	2	3	4	5	6	7	8	9	10	11
CO		3.32	8.05	10.03	8.76	6.90	4.75	4.75	4.21	3.69	0.00	0.00
ROG		0.52	1.27	1.58	1.38	1.09	0.75	0.75	0.66	0.58	0.00	0.00
Nox		4.91	11.91	14.84	12.95	10.20	7.02	7.02	6.23	5.46	0.00	0.00
PM10		0.16	0.40	0.50	0.43	0.34	0.23	0.23	0.21	0.18	0.00	0.00
2010												
MONTH		1	2	3	4	5	6	7	8	9	10	11
CO		3.01	7.29	9.09	7.93	6.24	4.30	4.30	3.81	3.34	0.00	0.00
ROG		0.49	1.19	1.48	1.29	1.02	0.70	0.70	0.62	0.54	0.00	0.00
Nox		4.42	10.71	13.34	11.65	9.17	6.31	6.31	5.60	4.91	0.00	0.00
PM10		0.15	0.37	0.46	0.40	0.32	0.22	0.22	0.19	0.17	0.00	0.00

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	Emissions (lbs/day)										
2003	1	2	3	4	5	6	7	8	9	10	11
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	36.90	28.58	28.58	24.74	24.74	24.74	29.87	27.95	27.80	13.50	14.30
ROG	5.52	3.70	3.70	3.09	3.09	3.09	3.90	3.60	3.69	1.80	1.89
NOx	47.69	27.47	27.47	21.92	21.92	21.92	29.34	26.56	28.23	13.81	14.41
SOx	5.26	2.16	2.16	1.82	1.82	1.82	3.64	3.47	4.33	1.84	2.49
PM10	2.32	1.32	1.32	1.05	1.05	1.05	1.41	1.28	1.36	0.66	0.70
2004	1	2	3	4	5	6	7	8	9	10	11
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	38.16	29.72	29.72	25.71	25.71	25.71	31.06	29.06	28.25	13.73	14.53
ROG	5.52	3.70	3.70	3.09	3.09	3.09	3.90	3.60	3.69	1.80	1.89
NOx	45.87	25.81	25.81	20.49	20.49	20.49	27.60	24.94	27.34	13.38	13.96
SOx	5.26	2.16	2.16	1.82	1.82	1.82	3.64	3.47	4.33	1.84	2.49
PM10	2.18	1.19	1.19	0.93	0.93	0.93	1.27	1.14	1.25	0.61	0.64
2005	1	2	3	4	5	6	7	8	9	10	11
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	39.41	29.97	29.97	25.80	25.80	25.80	31.37	29.29	28.70	13.95	14.75
ROG	5.52	3.70	3.70	3.09	3.09	3.09	3.90	3.60	3.69	1.80	1.89
NOx	44.06	25.11	25.11	20.01	20.01	20.01	26.82	24.28	26.45	12.94	13.51
SOx	5.26	2.16	2.16	1.82	1.82	1.82	3.64	3.47	4.33	1.84	2.49
PM10	2.05	1.09	1.09	0.85	0.85	0.85	1.17	1.05	1.18	0.58	0.60
2006	1	2	3	4	5	6	7	8	9	10	11
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	40.67	30.22	30.22	25.88	25.88	25.88	31.68	29.51	29.15	14.18	14.98
ROG	5.52	3.70	3.70	3.09	3.09	3.09	3.90	3.60	3.69	1.80	1.89
NOx	42.25	24.42	24.42	19.55	19.55	19.55	26.06	23.63	25.56	12.50	13.06
SOx	5.26	2.16	2.16	1.82	1.82	1.82	3.64	3.47	4.33	1.84	2.49
PM10	1.89	0.99	0.99	0.76	0.76	0.76	1.06	0.95	1.05	0.51	0.54
2007	1	2	3	4	5	6	7	8	9	10	11
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	41.92	30.47	30.47	25.97	25.97	25.97	31.99	29.74	29.60	14.40	15.20
ROG	5.52	3.70	3.70	3.09	3.09	3.09	3.90	3.60	3.69	1.80	1.89
NOx	40.44	23.72	23.72	19.07	19.07	19.07	25.29	22.96	24.69	12.06	12.63
SOx	5.26	2.16	2.16	1.82	1.82	1.82	3.64	3.47	4.33	1.84	2.49
PM10	1.73	0.89	0.89	0.68	0.68	0.68	0.95	0.85	0.94	0.46	0.48
2008	1	2	3	4	5	6	7	8	9	10	11
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	43.16	30.72	30.72	26.05	26.05	26.05	32.30	29.96	30.05	14.63	15.43
ROG	5.52	3.70	3.70	3.09	3.09	3.09	3.90	3.60	3.69	1.80	1.89
NOx	38.62	23.03	23.03	18.61	18.61	18.61	24.52	22.31	23.80	11.63	12.18
SOx	5.26	2.16	2.16	1.82	1.82	1.82	3.64	3.47	4.33	1.84	2.49
PM10	1.61	0.79	0.79	0.60	0.60	0.60	0.86	0.76	0.86	0.43	0.44
2009	1	2	3	4	5	6	7	8	9	10	11
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	44.42	30.98	30.98	26.13	26.13	26.13	32.61	30.19	30.50	14.85	15.65
ROG	5.52	3.70	3.70	3.09	3.09	3.09	3.90	3.60	3.69	1.80	1.89
NOx	36.91	22.47	22.47	18.27	18.27	18.27	23.87	21.78	23.18	11.31	11.86
SOx	5.26	2.16	2.16	1.82	1.82	1.82	3.64	3.47	4.33	1.84	2.49
PM10	1.48	0.71	0.71	0.54	0.54	0.54	0.78	0.69	0.81	0.40	0.41
2010	1	2	3	4	5	6	7	8	9	10	11
MONTH	1	2	3	4	5	6	7	8	9	10	11
CO	44.42	30.98	30.98	26.13	26.13	26.13	32.61	30.19	30.50	14.85	15.65
ROG	5.52	3.70	3.70	3.09	3.09	3.09	3.90	3.60	3.69	1.80	1.89
NOx	36.91	22.47	22.47	18.27	18.27	18.27	23.87	21.78	23.18	11.31	11.86
SOx	5.26	2.16	2.16	1.82	1.82	1.82	3.64	3.47	4.33	1.84	2.49
PM10	1.48	0.71	0.71	0.54	0.54	0.54	0.78	0.69	0.81	0.40	0.41

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	Emissions (lbs/day)											
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	34.99	33.70	28.58	24.74	24.74	20.54	13.50	13.50	27.80	13.50	5.13	0.00
ROG	5.21	4.51	3.70	3.09	3.09	2.92	1.80	1.80	3.69	1.80	0.81	0.00
NOx	44.91	34.89	27.47	21.92	21.92	24.00	13.81	13.81	28.23	13.81	7.41	0.00
SOx	5.09	3.98	2.16	1.82	1.82	3.83	1.84	1.84	4.33	1.84	1.82	0.00
PM10	2.19	1.68	1.32	1.05	1.05	1.16	0.66	0.66	1.36	0.66	0.36	0.00
2004												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	36.16	35.07	29.72	25.71	25.71	21.08	13.73	13.73	28.25	13.73	5.35	0.00
ROG	5.21	4.51	3.70	3.09	3.09	2.92	1.80	1.80	3.69	1.80	0.81	0.00
NOx	43.21	32.92	25.81	20.49	20.49	23.15	13.38	13.38	27.34	13.38	7.11	0.00
SOx	5.09	3.98	2.16	1.82	1.82	3.83	1.84	1.84	4.33	1.84	1.82	0.00
PM10	2.05	1.52	1.19	0.93	0.93	1.08	0.61	0.61	1.25	0.61	0.34	0.00
2005												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	37.33	35.54	29.97	25.80	25.80	21.61	13.95	13.95	28.70	13.95	5.58	0.00
ROG	5.21	4.51	3.70	3.09	3.09	2.92	1.80	1.80	3.69	1.80	0.81	0.00
NOx	41.51	31.92	25.11	20.01	20.01	22.30	12.94	12.94	26.45	12.94	6.81	0.00
SOx	5.09	3.98	2.16	1.82	1.82	3.83	1.84	1.84	4.33	1.84	1.82	0.00
PM10	1.93	1.41	1.09	0.85	0.85	1.02	0.58	0.58	1.18	0.58	0.33	0.00
2006												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	38.50	36.02	30.22	25.88	25.88	22.15	14.18	14.18	29.15	14.18	5.80	0.00
ROG	5.21	4.51	3.70	3.09	3.09	2.92	1.80	1.80	3.69	1.80	0.81	0.00
NOx	39.81	30.94	24.42	19.55	19.55	21.45	12.50	12.50	25.56	12.50	6.51	0.00
SOx	5.09	3.98	2.16	1.82	1.82	3.83	1.84	1.84	4.33	1.84	1.82	0.00
PM10	1.78	1.29	0.99	0.76	0.76	0.93	0.51	0.51	1.05	0.51	0.30	0.00
2007												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	39.66	36.50	30.47	25.97	25.97	22.68	14.40	14.40	29.60	14.40	6.03	0.00
ROG	5.21	4.51	3.70	3.09	3.09	2.92	1.80	1.80	3.69	1.80	0.81	0.00
NOx	38.11	29.93	23.72	19.07	19.07	20.60	12.06	12.06	24.69	12.06	6.21	0.00
SOx	5.09	3.98	2.16	1.82	1.82	3.83	1.84	1.84	4.33	1.84	1.82	0.00
PM10	1.63	1.16	0.89	0.68	0.68	0.84	0.46	0.46	0.94	0.46	0.28	0.00
2008												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	40.83	36.97	30.72	26.05	26.05	23.21	14.63	14.63	30.05	14.63	6.25	0.00
ROG	5.21	4.51	3.70	3.09	3.09	2.92	1.80	1.80	3.69	1.80	0.81	0.00
NOx	36.41	28.95	23.03	18.61	18.61	19.75	11.63	11.63	23.80	11.63	5.91	0.00
SOx	5.09	3.98	2.16	1.82	1.82	3.83	1.84	1.84	4.33	1.84	1.82	0.00
PM10	1.51	1.05	0.79	0.60	0.60	0.78	0.43	0.43	0.86	0.43	0.26	0.00
2009												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	42.00	37.45	30.98	26.13	26.13	23.75	14.85	14.85	30.50	14.85	6.48	0.00
ROG	5.21	4.51	3.70	3.09	3.09	2.92	1.80	1.80	3.69	1.80	0.81	0.00
NOx	34.81	28.07	22.47	18.27	18.27	19.01	11.31	11.31	23.18	11.31	5.60	0.00
SOx	5.09	3.98	2.16	1.82	1.82	3.83	1.84	1.84	4.33	1.84	1.82	0.00
PM10	1.39	0.95	0.71	0.54	0.54	0.73	0.40	0.40	0.81	0.40	0.24	0.00
2010												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	42.00	37.45	30.98	26.13	26.13	23.75	14.85	14.85	30.50	14.85	6.48	0.00
ROG	5.21	4.51	3.70	3.09	3.09	2.92	1.80	1.80	3.69	1.80	0.81	0.00
NOx	34.81	28.07	22.47	18.27	18.27	19.01	11.31	11.31	23.18	11.31	5.60	0.00
SOx	5.09	3.98	2.16	1.82	1.82	3.83	1.84	1.84	4.33	1.84	1.82	0.00
PM10	1.39	0.95	0.71	0.54	0.54	0.73	0.40	0.40	0.81	0.40	0.24	0.00

Emissions (lbs/day)												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	44.31	24.38	30.49	24.74	15.42	13.50	5.13	10.25	5.13	13.50	13.50	13.50
ROG	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80
NOx	50.25	29.55	30.25	21.92	16.59	13.81	7.41	14.83	7.41	13.81	13.81	13.81
SOx	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	1.84
PM10	2.44	1.43	1.46	1.05	0.80	0.66	0.36	0.73	0.36	0.66	0.66	0.66
2004												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	46.15	25.08	31.72	25.71	15.73	13.73	5.35	10.70	5.35	13.73	13.73	13.73
ROG	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80
NOx	47.66	28.47	28.47	20.49	16.04	13.38	7.11	14.23	7.11	13.38	13.38	13.38
SOx	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	1.84
PM10	2.24	1.34	1.32	0.93	0.74	0.61	0.34	0.68	0.34	0.61	0.61	0.61
2005												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	47.09	25.78	32.05	25.80	16.04	13.95	5.58	11.15	5.58	13.95	13.95	13.95
ROG	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80
NOx	46.04	27.40	27.66	20.01	15.49	12.94	6.81	13.63	6.81	12.94	12.94	12.94
SOx	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	1.84
PM10	2.08	1.26	1.21	0.85	0.70	0.58	0.33	0.65	0.33	0.58	0.58	0.58
2006												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	48.04	26.49	32.39	25.88	16.35	14.18	5.80	11.60	5.80	14.18	14.18	14.18
ROG	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80
NOx	44.43	26.32	26.86	19.55	14.94	12.50	6.51	13.03	6.51	12.50	12.50	12.50
SOx	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	1.84
PM10	1.91	1.15	1.10	0.76	0.63	0.51	0.30	0.60	0.30	0.51	0.51	0.51
2007												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	48.98	27.19	32.73	25.97	16.65	14.40	6.03	12.05	6.03	14.40	14.40	14.40
ROG	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80
NOx	42.80	25.25	26.05	19.07	14.39	12.06	6.21	12.43	6.21	12.06	12.06	12.06
SOx	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	1.84
PM10	1.74	1.05	0.99	0.68	0.57	0.46	0.28	0.55	0.28	0.46	0.46	0.46
2008												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	49.91	27.89	33.06	26.05	16.96	14.63	6.25	12.50	6.25	14.63	14.63	14.63
ROG	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80
NOx	41.19	24.17	25.24	18.61	13.84	11.63	5.91	11.83	5.91	11.63	11.63	11.63
SOx	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	1.84
PM10	1.59	0.98	0.89	0.60	0.52	0.43	0.26	0.53	0.26	0.43	0.43	0.43
2009												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	50.86	28.59	33.40	26.13	17.27	14.85	6.48	12.95	6.48	14.85	14.85	14.85
ROG	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80
NOx	39.68	23.20	24.56	18.27	13.41	11.31	5.60	11.20	5.60	11.31	11.31	11.31
SOx	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	1.84
PM10	1.44	0.90	0.80	0.54	0.49	0.40	0.24	0.48	0.24	0.40	0.40	0.40
2010												
MONTH	1	2	3	4	5	6	7	8	9	10	11	12
CO	50.86	28.59	33.40	26.13	17.27	14.85	6.48	12.95	6.48	14.85	14.85	14.85
ROG	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80
NOx	39.68	23.20	24.56	18.27	13.41	11.31	5.60	11.20	5.60	11.31	11.31	11.31
SOx	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	1.84
PM10	1.44	0.90	0.80	0.54	0.49	0.40	0.24	0.48	0.24	0.40	0.40	0.40

			JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DESCRIPTION			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION		0																				
33 D			0																				
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	185	28	8	26	26	17	12	17	15	19	8	9									
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	185		28	8	26	26	17	12	17	15	19	8	9								
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	185			28	8	26	26	17	12	17	15	19	8	9							
90 A																							
99 F	RESIDENTIAL CONSTRUCTION		0																				
134 B																							
135 D	BUILD PHASE 2A 840 UNITS	840	149	28	16	31	31	8	9	9	5	3	3	3	3								
136 D			149		28	16	31	31	8	9	9	5	3	3	3	3							
137 D			149		28	16	31	31	8	9	9	5	3	3	3	3							
138 D			149	28	16	31	31	8	9	9	5	3	3	3	3								
139 D	BUILD PHASE 2B 900 UNITS	900	149												28	16	31	31	8	9	9	5	3
140 D			149												28	16	31	31	8	9	9	5	3
141 D			149													28	16	31	31	8	9	9	5
142 D			149														28	16	31	31	8	9	9
143 D			149															28	16	31	31	8	9
144 D			149																28	16	31	31	8
145 D	BUILD PHASE 2C 700 UNITS	700	149																		28	16	31
146 D			149																				
147 D			149																				
148 D			149																				
149 D			149																				
159 D	BUILD PHASE 2D 160 UNITS	160	149																				
160 D			0																				
182 C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
183 C																							
184 ##			84	124	156	184	147	89	82	72	67	54	48	57	59	75	106	86	107	73	90	73	59

			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
DESCRIPTION																								
32 F	OFFICE AND RETAIL CONSTRUCTION		0																					
33 D			0																					
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	185																					
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	185																					
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	185																					
90 A																								
99 F	RESIDENTIAL CONSTRUCTION		0																					
134 B																								
135 D	BUILD PHASE 2A 840 UNITS	840	149																					
136 D			149																					
137 D			149																					
138 D			149																					
139 D	BUILD PHASE 2B 900 UNITS	900	149	3	3																			
140 D			149	3	3	3																		
141 D			149	3	3	3	3																	
142 D			149	5	3	3	3	3																
143 D			149	9	9	5	3	3		3														
144 D			149	31	8	9	9	5	3	3	3													
145 D	BUILD PHASE 2C 700 UNITS	700	149					28	16	31	31	8	9	9	5	3	3	3	3					
146 D			149						28	16	31	31	8	9	9	5	3	3	3	3				
147 D			149							28	16	31	31	8	9	9	5	3	3	3	3			
148 D			149								28	16	31	31	8	9	9	5	3	3	3	3		
149 D			149									28	16	31	31	8	9	9	5	3	3	3	3	
159 D	BUILD PHASE 2D 160 UNITS	160	149										28	16	31	31	8	9	9	5	3	3	3	
160 D			0																					
182 C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
183 C																								
184 ##			54	29	23	18	11	34	50	78	81	98	92	73	85	56	28	27	23	14	9	34	22	34

			AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
DESCRIPTION			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION		0								
33 D			0								
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	185								
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	185								
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	185								
90 A											
99 F	RESIDENTIAL CONSTRUCTION		0								
134 B											
135 D	BUILD PHASE 2A 840 UNITS	840	149								
136 D			149								
137 D			149								
138 D			149								
139 D	BUILD PHASE 2B 900 UNITS	900	149								
140 D			149								
141 D			149								
142 D			149								
143 D			149								
144 D			149								
145 D	BUILD PHASE 2C 700 UNITS	700	149								
146 D			149								
147 D			149								
148 D			149								
149 D			149								
159 D	BUILD PHASE 2D 160 UNITS	160	149	31	8	9	9	5	3	3	3
160 D			0								
182 C			=====	=====	=====	=====	=====	=====	=====	=====	=====
183 C											
184 ##				31	8	9	9	5	3	3	3

DESCRIPTION			DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION																						
33 D																							
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	6.12	9.40	17.50	16.69	16.69	16.04	8.72	8.72	8.72	7.42	6.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	5.25	8.05	15.00	14.31	14.31	13.75	7.47	7.47	7.47	6.36	5.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 S	40000	0.00	0.00	0.00	1.40	2.15	4.00	3.82	3.82	3.67	1.99	1.99	1.99	1.70	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION																						
## D																							
## D	BUILD PHASE 2A 840 UNITS	200	0.00	5.83	14.13	17.60	15.37	12.10	8.33	8.33	7.39	6.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	5.83	14.13	17.60	15.37	12.10	8.33	8.33	7.39	6.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	5.83	14.13	17.60	15.37	12.10	8.33	8.33	7.39	6.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240	0.00	6.99	16.96	21.13	18.44	14.52	10.00	10.00	8.87	7.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS	150	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	3.99	9.67	12.04	10.51	8.28	5.70	5.70	4.43
## D		150	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	3.99	9.67	12.04	10.51	8.28	5.70	5.70	5.06
## D		150	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	3.99	9.67	12.04	10.51	8.28	5.70	5.70	5.06
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99	9.67	12.04	10.51	8.28	5.70	5.06
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99	9.67	12.04	10.51
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99	9.67
## D	BUILD PHASE 2C 700 UNITS	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## C																							
## C																							
## C																							
## ##	TOTALS		0.00	18.94	57.39	93.94	102.85	92.35	76.69	61.27	52.77	47.21	29.84	14.44	10.90	15.05	25.70	36.21	40.50	40.52	39.86	40.76	41.07
## ##	Totals for Area 2 (lbs/day)		0.00	18.94	57.39	93.94	102.85	92.35	76.69	61.27	52.77	47.21	29.84	14.44	10.90	15.05	25.70	36.21	40.50	40.52	39.86	40.76	41.07
## ##	Check		0.00	18.94	57.39	93.94	102.85	92.35	76.69	61.27	52.77	47.21	29.84	14.44	10.90	15.05	25.70	36.21	40.50	40.52	39.86	40.76	41.07
## ##																							

			SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
			#MM	#MM	#MM	#MM	2008 #MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	2009 #MM	#MM	#MM	#MM	#MM	#MM
DESCRIPTION																								
32 F	OFFICE AND RETAIL CONSTRUCTION																							
33 D																								
44 D	PHASE 2-A AREA D OFFICE	175,000 SF 175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL	150,000 SF 150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV.	40,000 S 40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION																							
## D																								
## D	BUILD PHASE 2A 840 UNITS	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	5.06	4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	5.70	5.06	4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	8.28	5.70	5.70	5.06	4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	12.04	10.51	8.28	5.70	5.70	5.06	4.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS	150	0.00	0.00	0.00	0.00	0.00	0.00	3.64	8.83	11.00	9.60	7.56	5.21	5.21	4.62	4.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	3.64	8.83	11.00	9.60	7.56	5.21	5.21	4.62	4.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.64	8.83	11.00	9.60	7.56	5.21	4.62	4.05	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.64	8.83	11.00	9.60	7.56	5.21	4.62	4.05	0.00	0.00	0.00	0.00	0.00
## D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.43	5.89	7.33	6.40	5.04	3.47	3.47	3.08	2.70	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.54	8.59	
## C																								
## C																								
## C																								
## ##	TOTALS		35.51	25.70	18.41	10.75	10.13	5.06	8.07	12.47	23.47	29.43	31.80	33.63	34.86	31.96	27.83	18.91	12.72	8.09	7.12	2.70	3.54	8.59
## ##	Totals for Area 2 (lbs/day)		35.51	25.70	18.41	10.75	10.13	5.06	8.07	12.47	23.47	29.43	31.80	33.63	34.86	31.96	27.83	18.91	12.72	8.09	7.12	2.70	3.54	8.59
## ##	Check		35.51	25.70	18.41	10.75	10.13	5.06	8.07	12.47	23.47	29.43	31.80	33.63	34.86	31.96	27.83	18.91	12.72	8.09	7.12	2.70	3.54	8.59
## ##																								

DESCRIPTION			JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
			#MM	#MM	#MM	#MM	#MM	#MM	2010 #MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION											
33 D												
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 S	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION											
## D												
## D	BUILD PHASE 2A 840 UNITS	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS	160	10.70	9.34	7.36	5.06	5.06	4.49	3.94	0.00	0.00	0.00
## C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
## C												
## C												
## ##	TOTALS		10.70	9.34	7.36	5.06	5.06	4.49	3.94	0.00	0.00	0.00
## ##	Totals for Area 2 (lbs/day)		10.70	9.34	7.36	5.06	5.06	4.49	3.94	0.00	0.00	0.00
## ##	Check		10.70	9.34	7.36	5.06	5.06	4.49	3.94	0.00	0.00	0.00
## ##												

DESCRIPTION		DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																																				
33 D																																				
44 D PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.89	1.36	2.54	2.42	2.42	2.33	1.27	1.27	1.27	1.08	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.76	1.17	2.18	2.08	2.08	2.00	1.09	1.09	1.09	0.92	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.20	0.31	0.58	0.55	0.55	0.53	0.29	0.29	0.29	0.25	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99 F RESIDENTIAL CONSTRUCTION																																				
## D																																				
## D BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.85	2.05	2.56	2.23	1.76	1.21	1.21	1.07	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	200	0.00	0.00	0.85	2.05	2.56	2.23	1.76	1.21	1.21	1.07	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	240	0.00	1.02	2.46	3.07	2.88	2.11	1.45	1.45	1.29	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	1.44	1.80	1.57	1.24	0.85	0.85	0.76	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	1.44	1.80	1.57	1.24	0.85	0.85	0.76	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	1.44	1.80	1.57	1.24	0.85	0.85	0.76	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	1.44	1.80	1.57	1.24	0.85	0.85	0.76	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## # Totals for Area 2 (bbs/day)		0.00	2.75	8.33	13.64	14.94	13.41	11.14	8.90	7.66	6.86	4.33	2.10	1.60	2.24	3.84	5.41	6.05	6.05	5.96	6.09	6.14	5.31	3.84	2.75	1.61	1.51	0.76	1.22	1.92	3.61	4.52	4.89	5.17	5.36	4.91
## # Check		0.00	2.75	8.33	13.64	14.94	13.41	11.14	8.90	7.66	6.86	4.33	2.10	1.60	2.24	3.84	5.41	6.05	6.05	5.96	6.09	6.14	5.31	3.84	2.75	1.61	1.51	0.76	1.22	1.92	3.61	4.52	4.89	5.17	5.36	4.91
ON-SITE EQUIPMENT FOR BUILDING CONSTRUCTION																																				

DESCRIPTION		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																			
33 D																			
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000																	
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000																	
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000																	
90 A																			
99 F	RESIDENTIAL CONSTRUCTION																		
## D																			
## D	BUILD PHASE 2A 840 UNITS AREA D	200																	
## D		200																	
## D		200																	
## D		240																	
## D	BUILD PHASE 2B 900 UNITS AREA D	150																	
## D		150																	
## D		150																	
## D		150																	
## D		150																	
## D		150																	
## D		150																	
## D	BUILD PHASE 2C 700 UNITS AREA D	150																	
## D		150																	
## D		150																	
## D		150																	
## D		150																	
## D		150																	
## D	BUILD PHASE 2D 160 UNITS AREA D	160																	
## D		160																	
## #	TOTALS	4.28	2.91	1.96	1.24	1.09	0.41	0.56	1.36	1.69	1.47	1.16	0.80	0.80	0.71	0.62	0.00	0.00	0.00
## #	Totals for Area 2 (bldg/day)	4.28	2.91	1.96	1.24	1.09	0.41	0.56	1.36	1.69	1.47	1.16	0.80	0.80	0.71	0.62	0.00	0.00	0.00
## #	Check	ON-SITE EQUIPMENT FOR BUILDING CONSTRUCTION	4.28	2.91	1.96	1.24	1.09	0.41	0.56	1.36	1.69	1.47	1.16	0.80	0.80	0.71	0.62	0.00	0.00

DESCRIPTION		DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
		#MM	2006 #MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	2007 #MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																						
33 D																						
44 D PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	8.56	13.14	24.46	23.34	23.34	22.43	12.19	12.19	10.37	8.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	7.34	11.26	20.97	20.01	20.01	19.23	10.45	10.45	8.89	7.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	1.96	3.00	5.59	5.33	5.33	5.13	2.79	2.79	2.79	2.37	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION																						
100 D																						
135 D BUILD PHASE 2A 840 UNITS AREA D	200	0.00	8.15	19.76	24.62	21.49	16.92	11.65	11.65	10.33	9.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136 D	200	0.00	0.00	8.15	19.76	24.62	21.49	16.92	11.65	11.65	10.33	9.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137 D	200	0.00	0.00	8.15	19.76	24.62	21.49	16.92	11.65	11.65	10.33	9.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138 D	240	0.00	9.78	23.71	29.54	25.78	20.30	13.98	13.98	12.40	10.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139 D BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
140 D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
141 D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
142 D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
143 D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
144 D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
145 D BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
146 D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
147 D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
148 D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
149 D	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
159 D BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	13.83	17.23	15.04	11.85	8.16	8.16	7.23	6.34
185 # Totals for Area 2 (lbs/day)		0.00	26.49	80.24	131.35	143.81	129.13	107.24	85.68	73.79	66.01	41.72	20.19	15.38	21.49	36.78	51.82	57.96	57.99	57.04	58.33	58.77
189 # Check	ON-SITE EQUIPMENT FOR BUILDING CONSTRUCTION	0.00	26.49	80.24	131.35	143.81	129.13	107.24	85.68	73.79	66.01	41.72	20.19	15.38	21.49	36.78	51.82	57.96	57.99	57.04	58.33	58.77
190 #																						

DESCRIPTION		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
		#MM	#MM	#MM	#MM	2008 #MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	2009 #MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																						
33 D																						
44 D PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION																						
100 D																						
135 D BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136 D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137 D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138 D	240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139 D BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140 D	150	6.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141 D	150	7.23	6.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142 D	150	8.16	7.23	6.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143 D	150	11.85	8.16	8.16	7.23	6.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144 D	150	17.23	15.04	11.85	8.16	8.16	7.23	6.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145 D BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	5.30	12.85	16.01	13.97	11.00	7.58	7.58	6.72	5.89	0.00	0.00	0.00	0.00	0.00	0.00
146 D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.30	12.85	16.01	13.97	11.00	7.58	7.58	6.72	5.89	0.00	0.00	0.00	0.00	0.00
147 D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.30	12.85	16.01	13.97	11.00	7.58	7.58	6.72	5.89	0.00	0.00	0.00	0.00
148 D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.30	12.85	16.01	13.97	11.00	7.58	7.58	6.72	5.89	0.00	0.00
149 D	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.53	8.57	10.67	9.32	7.33	5.05	5.05	4.48	3.93	0.00
159 D BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.24
185 # Totals for Area 2 (lbs/day)		50.81	36.78	26.34	15.39	14.50	7.23	11.64	18.15	34.16	42.83	46.28	48.93	50.73	46.51	40.50	27.52	18.51	11.77	10.37	3.93	5.24
189 # Check		50.81	36.78	26.34	15.39	14.50	7.23	11.64	18.15	34.16	42.83	46.28	48.93	50.73	46.51	40.50	27.52	18.51	11.77	10.37	3.93	5.24
190 #																						

		JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION																					
33 D																						
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.28	0.43	0.80	0.76	0.76	0.73	0.40	0.40	0.34	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.24	0.37	0.68	0.65	0.65	0.63	0.34	0.34	0.29	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.06	0.10	0.18	0.17	0.17	0.17	0.09	0.09	0.08	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION																					
## B		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D	200	0.27	0.64	0.80	0.70	0.55	0.38	0.38	0.34	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.27	0.64	0.80	0.70	0.55	0.38	0.38	0.34	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.27	0.64	0.80	0.70	0.55	0.38	0.38	0.34	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240	0.32	0.77	0.96	0.84	0.66	0.45	0.45	0.40	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.44	0.55	0.48	0.38	0.26	0.26	0.23	0.20	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.44	0.55	0.48	0.38	0.26	0.26	0.23	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.44	0.55	0.48	0.38	0.26	0.23	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.44	0.55	0.48	0.38	0.26	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.44	0.55	0.48	0.38	
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.44	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## C																						
## C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
## C																						
## #	TOTALS		0.86	2.61	4.27	4.68	4.20	3.49	2.79	2.40	2.15	1.36	0.66	0.50	0.69	1.18	1.66	1.86	1.86	1.83	1.87	1.88
## #	Totals for Area 2 (lbs/day)		0.86	2.61	4.27	4.68	4.20	3.49	2.79	2.40	2.15	1.36	0.66	0.50	0.69	1.18	1.66	1.86	1.86	1.83	1.87	1.88
## #	Check	ON-SITE EQUIPMENT F	0.86	2.61	4.27	4.68	4.20	3.49	2.79	2.40	2.15	1.36	0.66	0.50	0.69	1.18	1.66	1.86	1.86	1.83	1.87	1.88
## #																						

		OCT	NOV	DEC	JAN 2008	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2009	FEB	MAR	APR	MAY	JUN	
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	
32 F	OFFICE AND RETAIL CONSTRUCTION																						
33 D																							
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99 F	RESIDENTIAL CONSTRUCTION																						
## B		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.23	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.26	0.26	0.23	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.48	0.38	0.26	0.26	0.23	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.17	0.42	0.52	0.46	0.36	0.25	0.25	0.22	0.19	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.17	0.42	0.52	0.46	0.36	0.25	0.25	0.22	0.19	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.42	0.52	0.46	0.36	0.25	0.25	0.22	0.19	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.42	0.52	0.46	0.36	0.25	0.25	0.22	0.19	0.00	0.00	0.00	0.00	
## D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.28	0.35	0.30	0.24	0.17	0.15	0.13	0.00	0.00	0.00	
## D	BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.42		
## C																							
## C																							
## C																							
## #	TOTALS		1.18	0.84	0.49	0.46	0.23	0.38	0.59	1.12	1.40	1.51	1.60	1.66	1.52	1.32	0.90	0.60	0.38	0.34	0.13	0.18	0.42
## #	Totals for Area 2 (lbs/day)		1.18	0.84	0.49	0.46	0.23	0.38	0.59	1.12	1.40	1.51	1.60	1.66	1.52	1.32	0.90	0.60	0.38	0.34	0.13	0.18	0.42
## #	Check	ON-SITE EQUIPMENT	1.18	0.84	0.49	0.46	0.23	0.38	0.59	1.12	1.40	1.51	1.60	1.66	1.52	1.32	0.90	0.60	0.38	0.34	0.13	0.18	0.42
## #																							

DESCRIPTION		JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION										
33 D											
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00				
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00				
99 F	RESIDENTIAL CONSTRUCTION										
## B		150	0.00	0.00	0.00	0.00	0.00				
## D	BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00				
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240	0.00	0.00	0.00	0.00	0.00				
## D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00				
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160	0.53	0.46	0.36	0.25	0.25	0.22	0.19	0.00	0.00
## C			=====	=====	=====	=====	=====	=====	=====	=====	=====
## C											
## C											
## #	TOTALS		0.53	0.46	0.36	0.25	0.25	0.22	0.19	0.00	0.00
## #	Totals for Area 2 (lbs/day)		0.53	0.46	0.36	0.25	0.25	0.22	0.19	0.00	0.00
## #	Check	ON-SITE EQUIPMENT	0.53	0.46	0.36	0.25	0.25	0.22	0.19	0.00	0.00
## #											

		JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	
32 F	OFFICE AND RETAIL CONSTRUCTION																						
33 D																							
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	53.90	50.43	42.31	36.24	36.24	31.00	19.85	19.85	40.81	19.85	8.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	46.20	43.23	36.27	31.06	31.06	26.57	17.01	17.01	34.98	17.01	6.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	12.32	11.53	9.67	8.28	8.28	7.09	4.54	4.54	9.33	4.54	1.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99 F	RESIDENTIAL CONSTRUCTION																						
100 D																							
135 D	BUILD PHASE 2A 840 UNITS AREA D	200	64.05	35.31	43.19	34.51	21.79	18.90	7.73	15.47	7.73	18.90	18.90	18.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
136 D		200	0.00	64.05	35.31	43.19	34.51	21.79	18.90	7.73	15.47	7.73	18.90	18.90	18.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
137 D		200	0.00	64.05	35.31	43.19	34.51	21.79	18.90	7.73	15.47	7.73	18.90	18.90	18.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
138 D		240	76.86	42.38	51.83	41.41	26.15	22.68	9.28	18.56	9.28	22.68	22.68	22.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
139 D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.98	27.19	32.73	25.97	16.65	14.40	6.03	12.05	6.03	14.40	
140 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.98	27.19	32.73	25.97	16.65	14.40	6.03	6.03	
141 D		150	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	48.98	27.19	32.73	25.97	16.65	14.40	6.03	
142 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.98	27.19	32.73	25.97	16.65	6.03	
143 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.98	27.19	32.73	25.97	16.65	
144 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.98	27.19	32.73	0.00	
145 D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
146 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
147 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
148 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
149 D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
159 D	BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
181 C																							
182 C																							
183 C																							
184 #	TOTALS		194.81	302.42	263.51	246.33	193.93	155.51	109.51	93.43	110.30	116.41	113.84	139.85	115.82	108.89	134.85	102.53	138.72	90.23	130.83	91.65	87.88
185 #	Totals for Area 2 (lbs/day)		194.81	302.42	263.51	246.33	193.93	155.51	109.51	93.43	110.30	116.41	113.84	139.85	115.82	108.89	134.85	102.53	138.72	90.23	130.83	91.65	87.88
	Check		194.81	302.42	263.51	246.33	193.93	155.51	109.51	93.43	110.30	116.41	113.84	139.85	115.82	108.89	134.85	102.53	138.72	90.23	130.83	91.65	87.88

			OCT	NOV	DEC	JAN 2008	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2009	FEB	MAR	APR	MAY	JUN
DESCRIPTION			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																							
33 D																							
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION																							
100 D																							
135 D	BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136 D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137 D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138 D		240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139 D	BUILD PHASE 2B 900 UNITS AREA D	150	14.40	14.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140 D		150	14.40	14.40	14.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141 D		150	6.03	14.40	14.40	14.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142 D		150	12.05	6.03	14.40	14.40	14.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143 D		150	14.40	6.03	12.05	6.03	14.40	14.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144 D		150	25.97	16.65	14.40	6.03	12.05	6.03	14.40	14.40	14.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145 D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	49.91	27.89	33.06	26.05	16.96	14.63	6.25	12.50	6.25	14.63	14.63	14.63	0.00	0.00	0.00	0.00
146 D		150	0.00	0.00	0.00	0.00	0.00	49.91	27.89	33.06	26.05	16.96	14.63	6.25	12.50	6.25	14.63	14.63	14.63	0.00	0.00	0.00	0.00
147 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	27.89	33.06	26.05	16.96	14.63	6.25	12.50	6.25	14.63	14.63	14.63	0.00	0.00
148 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.91	27.89	33.06	26.05	16.96	14.63	6.25	12.50	6.25	14.63	14.63	14.63
149 D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.28	18.59	22.04	17.37	11.31	9.75	4.17	8.33	4.17	9.75	9.75
159 D	BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.25	30.50	
181 C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
182 C																							
183 C																							
184 #	TOTALS		87.24	71.90	69.65	40.85	40.85	70.34	106.60	125.26	101.40	125.99	118.80	89.49	81.47	59.33	59.31	51.50	60.54	43.83	33.42	78.63	54.87
185 #	Totals for Area 2 (lbs/day)		87.24	71.90	69.65	40.85	40.85	70.34	106.60	125.26	101.40	125.99	118.80	89.49	81.47	59.33	59.31	51.50	60.54	43.83	33.42	78.63	54.87
	Check		87.24	71.90	69.65	40.85	40.85	70.34	106.60	125.26	101.40	125.99	118.80	89.49	81.47	59.33	59.31	51.50	60.54	43.83	33.42	78.63	54.87

DESCRIPTION			JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
			#MM	#MM	#MM	#MM	#MM	#MM	2010 #MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION												
33 D												
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00				
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A												
99 F RESIDENTIAL CONSTRUCTION												
100 D												
135 D	BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00	0.00				
136 D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137 D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138 D		240	0.00	0.00	0.00	0.00	0.00	0.00				
139 D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140 D		150	0.00	0.00	0.00	0.00	0.00	0.00				
141 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145 D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148 D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149 D		100	9.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159 D	BUILD PHASE 2D 160 UNITS AREA D	160	35.63	27.88	18.42	15.84	6.91	13.81	6.91	15.84	15.84	15.84
181 C												
182 C												
183 C												
184 #		TOTALS	45.38	27.88	18.42	15.84	6.91	13.81	6.91	15.84	15.84	15.84
185 #	Totals for Area 2 (lbs/day)		45.38	27.88	18.42	15.84	6.91	13.81	6.91	15.84	15.84	15.84
	Check		45.38	27.88	18.42	15.84	6.91	13.81	6.91	15.84	15.84	15.84

DESCRIPTION			JAN 2006 #MM	FEB #MM	MAR #MM	APR #MM	MAY #MM	JUN #MM	JUL #MM	AUG #MM	SEP #MM	OCT #MM	NOV #MM	DEC #MM	JAN 2007 #MM	FEB #MM	MAR #MM	APR #MM	MAY #MM	JUN #MM	JUL #MM	AUG #MM
32 F	OFFICE AND RETAIL CONSTRUCTION																					
33 D																						
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	7.30	6.32	5.18	4.33	4.33	4.08	2.52	2.52	5.16	2.52	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	6.26	5.42	4.44	3.71	3.71	3.50	2.16	2.16	4.43	2.16	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	1.67	1.44	1.18	0.99	0.99	0.93	0.58	0.58	1.18	0.58	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION																					
## D																						
## D	BUILD PHASE 2A 840 UNITS AREA D	200	8.27	4.70	5.34	4.12	2.81	2.40	1.08	2.17	1.08	2.40	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	8.27	4.70	5.34	4.12	2.81	2.40	1.08	2.17	1.08	2.40	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	8.27	4.70	5.34	4.12	2.81	2.40	1.08	2.17	1.08	2.40	2.40	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240	9.92	5.64	6.41	4.95	3.37	2.88	1.30	2.60	1.30	2.88	2.88	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.20	3.53	4.01	3.09	2.10	1.80	0.81	0.81
## D		150	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	6.20	3.53	4.01	3.09	2.10	1.80	1.80
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.20	3.53	4.01	3.09
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.20	3.53	3.53
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## C																						
## C																						
## C																						
## #	TOTALS		25.48	39.45	33.42	29.97	23.64	19.68	14.19	12.55	14.62	14.97	14.56	17.83	14.79	13.73	16.82	12.73	17.20	11.34	16.55	11.67
## #	Totals for Area 2 (lbs/day)		25.48	39.45	33.42	29.97	23.64	19.68	14.19	12.55	14.62	14.97	14.56	17.83	14.79	13.73	16.82	12.73	17.20	11.34	16.55	11.67
## #	Check	ON-SITE EQUIPMENT F	25.48	39.45	33.42	29.97	23.64	19.68	14.19	12.55	14.62	14.97	14.56	17.83	14.79	13.73	16.82	12.73	17.20	11.34	16.55	11.67

		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	
		#MM	#MM	#MM	#MM	JAN 2008 #MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	JAN 2009 #MM	#MM	#MM	#MM	
DESCRIPTION																						
32 F OFFICE AND RETAIL CONSTRUCTION																						
33 D																						
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99 F RESIDENTIAL CONSTRUCTION																						
### D																						
### D	BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
### D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
### D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
### D		240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
### D	BUILD PHASE 2B 900 UNITS AREA D	150	1.80	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
### D		150	0.81	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
### D		150	1.63	0.81	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
### D		150	0.81	1.63	0.81	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
### D		150	2.10	1.80	0.81	1.63	0.81	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
### D		150	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
### D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80	0.00	0.00	
### D		150	0.00	0.00	0.00	0.00	0.00	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80	0.00	0.00	
### D		150	0.00	0.00	0.00	0.00	0.00	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80	0.00	0.00	
### D		150	0.00	0.00	0.00	0.00	0.00	6.20	3.53	4.01	3.09	2.10	1.80	0.81	1.63	0.81	1.80	1.80	1.80	0.00	0.00	
### D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.13	2.35	2.67	2.06	1.40	1.20	0.54	1.08	0.54	
### D	BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
### C																						
### C																						
### C																						
### #	TOTALS		11.16	10.93	9.13	8.83	5.23	5.23	8.81	13.33	15.53	12.42	15.40	14.66	11.07	10.00	7.42	7.44	6.43	7.57	5.50	4.14
### #	Totals for Area 2 (lbs/day)		11.16	10.93	9.13	8.83	5.23	5.23	8.81	13.33	15.53	12.42	15.40	14.66	11.07	10.00	7.42	7.44	6.43	7.57	5.50	4.14
### #	Check	ON-SITE EQUIPMEN	11.16	10.93	9.13	8.83	5.23	5.23	8.81	13.33	15.53	12.42	15.40	14.66	11.07	10.00	7.42	7.44	6.43	7.57	5.50	4.14

DESCRIPTION		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION													
33 D													
44 D	PHASE 2-A AREA D OFFICE 175,000 SF 175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
45 D	PHASE 2A AREA D RETAIL 150,000 SF 150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF 40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
99 F RESIDENTIAL CONSTRUCTION													
## D													
## D	BUILD PHASE 2A 840 UNITS AREA D 200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
## D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
## D	BUILD PHASE 2B 900 UNITS AREA D 150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D 150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150	1.80	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	100	1.20	1.20	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D 160	6.61	3.76	4.27	3.30	2.24	1.92	0.87	1.73	0.87	1.92	1.92	1.92
## C													
## C													
## C													
## #	TOTALS	9.61	6.76	5.47	3.30	2.24	1.92	0.87	1.73	0.87	1.92	1.92	1.92
## #	Totals for Area 2 (lbs/day)	9.61	6.76	5.47	3.30	2.24	1.92	0.87	1.73	0.87	1.92	1.92	1.92
## #	Check ON-SITE EQUIPMEN	9.61	6.76	5.47	3.30	2.24	1.92	0.87	1.73	0.87	1.92	1.92	1.92

		JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	
32 F OFFICE AND RETAIL CONSTRUCTION																						
33 D																						
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	55.74	43.31	34.19	27.37	27.37	30.03	17.50	17.50	35.79	17.50	9.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	47.78	37.12	29.31	23.46	23.46	25.74	15.00	15.00	30.68	15.00	7.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	12.74	9.90	7.82	6.26	6.26	6.86	4.00	4.00	8.18	4.00	2.08	0.00	0.00	0.00	0.00	0.00	0.00	
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99 F RESIDENTIAL CONSTRUCTION																						
## B		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2A 840 UNITS AREA D	200	59.23	35.10	35.81	26.07	19.92	16.67	8.68	17.37	8.68	16.67	16.67	16.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200	0.00	59.23	35.10	35.81	26.07	19.92	16.67	8.68	17.37	8.68	16.67	16.67	16.67	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200	0.00	59.23	35.10	35.81	26.07	19.92	16.67	8.68	17.37	8.68	16.67	16.67	16.67	0.00	0.00	0.00	0.00	0.00	0.00	
## D		240	71.08	42.12	42.97	31.28	23.90	20.00	10.42	20.84	10.42	20.00	20.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.80	25.25	26.05	19.07	14.39	12.06	6.21	12.43	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.80	25.25	26.05	19.07	14.39	12.06	6.21	12.43	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.80	25.25	26.05	19.07	14.39	12.06	6.21	
## D		150	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	42.80	25.25	26.05	19.07	14.39	12.06	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.80	25.25	26.05	19.07	12.06	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.80	25.25	0.00	
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## C																						
## C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	
## C																						
## #	TOTALS		186.05	286.76	233.03	195.54	154.59	136.24	101.93	94.94	108.62	106.21	102.30	124.62	103.46	94.09	113.17	84.75	114.37	76.98	113.93	81.23
## #	Totals for Area 2 (lbs/day)		186.05	286.76	233.03	195.54	154.59	136.24	101.93	94.94	108.62	106.21	102.30	124.62	103.46	94.09	113.17	84.75	114.37	76.98	113.93	81.23
## #	Check	ON-SITE EQUIPMENT FO	186.05	286.76	233.03	195.54	154.59	136.24	101.93	94.94	108.62	106.21	102.30	124.62	103.46	94.09	113.17	84.75	114.37	76.98	113.93	81.23

			SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
DESCRIPTION			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																						
33 D																						
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION																						
## B		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150	12.06	12.06	12.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	6.21	12.06	12.06	12.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	12.43	6.21	12.06	12.06	12.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	6.21	12.43	6.21	12.06	12.06	12.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	14.39	12.06	6.21	12.43	6.21	12.06	12.06	12.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	26.05	19.07	14.39	12.06	6.21	12.43	6.21	12.06	12.06	12.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	41.19	24.17	25.24	18.61	13.84	11.63	5.91	11.83	5.91	11.63	11.63	11.63	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	41.19	24.17	25.24	18.61	13.84	11.63	5.91	11.83	5.91	11.63	11.63	11.63	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.19	24.17	25.24	18.61	13.84	11.63	5.91	11.83	5.91	11.63	11.63	11.63	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.19	24.17	25.24	18.61	13.84	11.63	5.91	11.83	5.91	11.83	11.63
## D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.46	16.11	16.83	12.41	9.22	7.75	3.94	7.88	3.94
## D	BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## C																						
## C																						
## C																						
## #	TOTALS		77.34	73.90	63.00	60.68	36.55	36.55	59.46	89.48	102.67	80.09	98.88	95.70	72.73	64.80	49.89	50.21	42.83	50.64	37.05	27.19
## #	Totals for Area 2 (lbs/day)		77.34	73.90	63.00	60.68	36.55	36.55	59.46	89.48	102.67	80.09	98.88	95.70	72.73	64.80	49.89	50.21	42.83	50.64	37.05	27.19
## #	Check	ON-SITE EQUIPMEN	77.34	73.90	63.00	60.68	36.55	36.55	59.46	89.48	102.67	80.09	98.88	95.70	72.73	64.80	49.89	50.21	42.83	50.64	37.05	27.19

DESCRIPTION		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION													
33 D													
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00				
99 F RESIDENTIAL CONSTRUCTION													
## B		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
## D	BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
## D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160	11.63	11.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100	7.75	7.75	7.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		160	42.32	24.75	26.20	19.49	14.30	12.07	5.97	11.95	5.97	12.07	12.07
## C													
## C													
## C													
## #	TOTALS		61.70	44.13	33.95	19.49	14.30	12.07	5.97	11.95	5.97	12.07	12.07
## #	Totals for Area 2 (lbs/day)		61.70	44.13	33.95	19.49	14.30	12.07	5.97	11.95	5.97	12.07	12.07
## #	Check	ON-SITE EQUIPMEN	61.70	44.13	33.95	19.49	14.30	12.07	5.97	11.95	5.97	12.07	12.07

DESCRIPTION			JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG
			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION																					
33 D																						
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	7.13	5.57	3.02	2.55	2.55	5.36	2.58	2.58	6.06	2.58	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	6.11	4.77	2.59	2.19	2.19	4.59	2.21	2.21	5.20	2.21	2.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 S	40000	0.00	0.00	1.63	1.27	0.69	0.58	0.58	1.22	0.59	0.59	1.39	0.59	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION																					
## B		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D	200	6.54	5.55	3.10	2.43	2.68	2.45	2.43	4.85	2.43	2.45	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	6.54	5.55	3.10	2.43	2.68	2.45	2.43	4.85	2.43	2.45	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	6.54	5.55	3.10	2.43	2.68	2.45	2.43	4.85	2.43	2.45	2.45	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240	7.85	6.66	3.72	2.91	3.21	2.94	2.91	5.82	2.91	2.94	2.94	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64
## D		150	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	4.90	4.16	2.32	1.82	2.01	1.84	1.82
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90	4.16	2.32	1.82	2.01	1.84
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90	4.16	2.32	1.82	1.82
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## C																						
## C																						
## C																						
## #	TOTALS		21.51	36.96	27.34	17.95	16.17	18.88	18.00	21.54	23.90	18.61	16.45	17.98	14.56	11.39	13.21	10.32	12.90	11.65	16.54	15.10
## #	Totals for Area 2 (lbs/day)		21.51	36.96	27.34	17.95	16.17	18.88	18.00	21.54	23.90	18.61	16.45	17.98	14.56	11.39	13.21	10.32	12.90	11.65	16.54	15.10
## #	Check	ON-SITE EQUIPMENT	21.51	36.96	27.34	17.95	16.17	18.88	18.00	21.54	23.90	18.61	16.45	17.98	14.56	11.39	13.21	10.32	12.90	11.65	16.54	15.10

		SEP	OCT	NOV	DEC	JAN 2008	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2009	FEB	MAR	APR	MAY	
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	
32 F	OFFICE AND RETAIL CONSTRUCTION																						
33 D																							
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
46 D	PHASE 2A AREA D COMM. SERV. 40,000 S	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99 F	RESIDENTIAL CONSTRUCTION																						
## B		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2B 900 UNITS AREA D	150	1.84	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	1.82	1.84	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	3.64	1.82	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	1.82	3.64	1.82	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	2.01	1.84	1.82	3.64	1.82	1.84	1.84	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	
## D		150	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	1.84	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90	4.16	2.32	1.82	2.01	1.84	1.82	3.64	1.82	1.84	1.84	1.84	
## D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.27	2.78	1.55	1.21	1.34	1.23	1.21	2.43	1.21	1.23	
## D	BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.23	
## C																							
## C																							
## C																							
## #	TOTALS		13.45	12.80	11.17	11.00	7.32	7.32	8.56	12.75	13.23	10.15	11.06	13.10	10.77	10.67	10.50	10.48	8.55	10.37	7.93	4.89	8.30
## #	Totals for Area 2 (lbs/day)		13.45	12.80	11.17	11.00	7.32	7.32	8.56	12.75	13.23	10.15	11.06	13.10	10.77	10.67	10.50	10.48	8.55	10.37	7.93	4.89	8.30
## #	Check	ON-SITE EQUIPMENT	13.45	12.80	11.17	11.00	7.32	7.32	8.56	12.75	13.23	10.15	11.06	13.10	10.77	10.67	10.50	10.48	8.55	10.37	7.93	4.89	8.30

DESCRIPTION			JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION												
33 D													
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00				
99 F	RESIDENTIAL CONSTRUCTION												
## B		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
## D	BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
## D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100	1.23	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160	4.44	2.48	1.94	2.14	1.96	1.94	3.88	1.94	1.96	1.96	1.96
## C													
## C													
## C													
## #	TOTALS		7.51	3.71	1.94	2.14	1.96	1.94	3.88	1.94	1.96	1.96	1.96
## #	Totals for Area 2 (lbs/day)		7.51	3.71	1.94	2.14	1.96	1.94	3.88	1.94	1.96	1.96	1.96
## #	Check	ON-SITE EQUIPMENT	7.51	3.71	1.94	2.14	1.96	1.94	3.88	1.94	1.96	1.96	1.96

		JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	
32 F OFFICE AND RETAIL CONSTRUCTION																							
33 D																							
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	2.49	1.80	1.38	1.07	1.07	1.30	0.72	0.72	1.47	0.72	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	2.13	1.55	1.19	0.92	0.92	1.11	0.62	0.62	1.26	0.62	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.57	0.41	0.32	0.24	0.24	0.30	0.16	0.16	0.34	0.16	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99 F RESIDENTIAL CONSTRUCTION																							
## B		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2A 840 UNITS AREA D	200	2.55	1.53	1.47	1.02	0.83	0.68	0.40	0.80	0.40	0.68	0.68	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200	0.00	2.55	1.53	1.47	1.02	0.83	0.68	0.40	0.80	0.40	0.68	0.68	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200	0.00	2.55	1.53	1.47	1.02	0.83	0.68	0.40	0.80	0.40	0.68	0.68	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		240	3.06	1.84	1.76	1.22	1.00	0.82	0.48	0.96	0.48	0.82	0.82	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.74	1.05	0.99	0.68	0.57	0.46	0.28	0.55	0.28	0.46	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.74	1.05	0.99	0.68	0.57	0.46	0.28	0.55	0.28	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.74	1.05	0.99	0.68	0.57	0.46	0.28	0.55	
## D		150	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	1.74	1.05	0.99	0.68	0.57	0.46	0.28	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.74	1.05	0.99	0.68	0.57	0.28	
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2D 160 UNITS AREA D	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## C																							
## C																							
## C																							
## #	TOTALS		8.10	12.41	9.80	7.84	6.17	5.63	4.32	4.19	4.73	4.44	4.24	5.13	4.25	3.78	4.46	3.29	4.44	3.03	4.58	3.29	3.12
## #	Totals for Area 2 (lbs/day)		8.10	12.41	9.80	7.84	6.17	5.63	4.32	4.19	4.73	4.44	4.24	5.13	4.25	3.78	4.46	3.29	4.44	3.03	4.58	3.29	3.12
## #	Check	ON-SITE EQUIPMENT F	8.10	12.41	9.80	7.84	6.17	5.63	4.32	4.19	4.73	4.44	4.24	5.13	4.25	3.78	4.46	3.29	4.44	3.03	4.58	3.29	3.12

		OCT	NOV	DEC	JAN 2008	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2009	FEB	MAR	APR	MAY	JUN	
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	
32 F OFFICE AND RETAIL CONSTRUCTION																							
33 D																							
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99 F RESIDENTIAL CONSTRUCTION																							
## B		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		240	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2B 900 UNITS AREA D	150	0.46	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.46	0.46	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.28	0.46	0.46	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.55	0.28	0.46	0.46	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150	0.46	0.28	0.55	0.28	0.46	0.46	0.46	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	
## D		150	0.68	0.57	0.46	0.28	0.55	0.28	0.46	0.46	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	1.59	0.98	0.89	0.60	0.52	0.43	0.26	0.53	0.26	0.43	0.43	0.43	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	1.59	0.98	0.89	0.60	0.52	0.43	0.26	0.53	0.26	0.43	0.43	0.43	0.00	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	1.59	0.98	0.89	0.60	0.52	0.43	0.26	0.53	0.26	0.43	0.43	0.43	0.43	0.00	0.00	
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.59	0.98	0.89	0.60	0.52	0.43	0.26	0.53	0.26	0.43	0.43	0.43	
## D		100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	0.65	0.59	0.40	0.35	0.28	0.18	0.35	0.18	0.28	0.28	
## D	BUILD PHASE 2D 160 UNITS AREA D	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	0.96	
## C																							
## C																							
## C																							
## #	TOTALS		2.89	2.50	2.40	1.48	1.48	2.33	3.49	3.91	2.92	3.59	3.58	2.75	2.40	1.97	1.99	1.66	1.98	1.46	1.03	2.24	1.67
## #	Totals for Area 2 (lbs/day)		2.89	2.50	2.40	1.48	1.48	2.33	3.49	3.91	2.92	3.59	3.58	2.75	2.40	1.97	1.99	1.66	1.98	1.46	1.03	2.24	1.67
## #	Check	ON-SITE EQUIPMENT	2.89	2.50	2.40	1.48	1.48	2.33	3.49	3.91	2.92	3.59	3.58	2.75	2.40	1.97	1.99	1.66	1.98	1.46	1.03	2.24	1.67

		JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	2010 #MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION										
33 D											
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00				
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00				
99 F	RESIDENTIAL CONSTRUCTION										
## B		150	0.00	0.00	0.00	0.00	0.00				
## D	BUILD PHASE 2A 840 UNITS AREA D	200	0.00	0.00	0.00	0.00	0.00				
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240	0.00	0.00	0.00	0.00	0.00				
## D	BUILD PHASE 2B 900 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00				
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D	150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160	0.85	0.57	0.52	0.43	0.25	0.51	0.25	0.43	0.43
## C			=====	=====	=====	=====	=====	=====	=====	=====	=====
## C											
## C											
## #	TOTALS		1.14	0.57	0.52	0.43	0.25	0.51	0.25	0.43	0.43
## #	Totals for Area 2 (lbs/day)		1.14	0.57	0.52	0.43	0.25	0.51	0.25	0.43	0.43
## #	Check	ON-SITE EQUIPMENT	1.14	0.57	0.52	0.43	0.25	0.51	0.25	0.43	0.43

		JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION																				
33 D																					
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	12.39	12.39	12.39	12.39	12.39	12.39	12.39	12.39	12.39	12.39	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	10.62	10.62	10.62	10.62	10.62	10.62	10.62	10.62	10.62	10.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION																				
## B		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D	200000	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	13.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	14.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240000	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	16.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.62	9.82	9.82	9.82	9.82	9.82	9.82	9.82	9.82
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.82	9.82	9.82	9.82	9.82	9.82	9.82	9.82
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.82	9.82	9.82	9.82	9.82	9.82	9.82	9.82
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.82	9.82	9.82	9.82	9.82	9.82	9.82
## D		150000	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	9.82	9.82	9.82	9.82	9.82	9.82
## D	BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
## C																					
## C																					
## #	TOTALS		43.53	82.46	85.29	85.29	85.29	85.29	85.29	85.29	85.29	85.29	83.52	48.45	29.46	39.28	39.28	49.11	49.11	58.93	58.93
## #	Totals for Area 2 (lbs/day)		43.53	82.46	85.29	85.29	85.29	85.29	85.29	85.29	85.29	85.29	83.52	48.45	29.46	39.28	39.28	49.11	49.11	58.93	58.93
## #	Check	ON-SITE EQUIPMENT F	43.53	82.46	85.29	85.29	85.29	85.29	85.29	85.29	85.29	85.29	83.52	48.45	29.46	39.28	39.28	49.11	49.11	58.93	58.93

		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	
		2008																2009				
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	
32 F	OFFICE AND RETAIL CONSTRUCTION																					
33 D																						
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
47 D			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99 F	RESIDENTIAL CONSTRUCTION																					
## B		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2B 900 UNITS AREA D	150000	9.82	9.82	9.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150000	9.82	9.82	9.82	9.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150000	9.82	9.82	9.82	9.82	9.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		150000	9.82	9.82	9.82	9.82	9.09	9.09	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	
## D		150000	9.82	9.82	9.82	9.82	9.09	9.09	9.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	9.09	9.09	9.09	9.09	9.09	9.09	9.09	9.09	9.09	9.09	8.40	8.40	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.09	9.09	9.09	9.09	9.09	9.09	9.09	9.09	9.09	8.40	8.40	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.09	9.09	9.09	9.09	9.09	9.09	9.09	9.09	8.40	8.40	8.40	8.40
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.09	9.09	9.09	9.09	9.09	9.09	9.09	8.40	8.40	8.40	8.40
## D		100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.06	6.06	6.06	6.06	6.06	5.60	5.60	5.60	5.60	
## D	BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## C																						
## C																						
## C																						
## #	TOTALS		58.93	58.93	58.93	49.11	36.36	27.27	27.27	36.36	36.36	36.36	42.42	42.42	42.42	42.42	42.42	39.19	39.19	30.79	22.39	
## #	Totals for Area 2 (lbs/day)		58.93	58.93	58.93	49.11	36.36	27.27	27.27	36.36	36.36	36.36	42.42	42.42	42.42	42.42	42.42	39.19	39.19	30.79	22.39	
## #	Check	ON-SITE EQUIPMEN	58.93	58.93	58.93	49.11	36.36	27.27	27.27	36.36	36.36	36.36	42.42	42.42	42.42	42.42	42.42	39.19	39.19	30.79	22.39	

		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	2010 #MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION												
33 D													
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION												
## B		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	8.40	8.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100000	5.60	5.60	5.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160000	8.96	8.96	8.96	8.96	8.96	8.96	8.96	8.26	8.26	8.26	8.26
## C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
## C													
## C													
## #	TOTALS		22.95	22.95	14.56	8.96	8.96	8.96	8.96	8.26	8.26	8.26	8.26
## #	Totals for Area 2 (lbs/day)		22.95	22.95	14.56	8.96	8.96	8.96	8.96	8.26	8.26	8.26	8.26
## #	Check	ON-SITE EQUIPMEN	22.95	22.95	14.56	8.96	8.96	8.96	8.96	8.26	8.26	8.26	8.26

		JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION																					
33 D																						
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION																					
## B		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D	200000	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240000	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06
## D		150000	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	1.06	1.06	1.06	1.06	1.06	1.06	1.06
## D	BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## C																						
## C																						
## C																						
## #	TOTALS		4.68	8.87	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	8.98	5.23	3.18	4.24	4.24	5.30	5.30	6.36	6.36	6.36
## #	Totals for Area 2 (lbs/day)		4.68	8.87	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	8.98	5.23	3.18	4.24	4.24	5.30	5.30	6.36	6.36	6.36
## #	Check	ON-SITE EQUIPMENT	4.68	8.87	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	8.98	5.23	3.18	4.24	4.24	5.30	5.30	6.36	6.36	6.36

		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
		2008																				
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION																					
33 D																						
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION																					
## B		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150000	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	1.06	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	1.06	1.06	1.06	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	1.06	1.06	1.06	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	1.06	1.06	1.06	0.98	0.98	0.98	0.98	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
## D		150000	1.06	1.06	1.06	0.98	0.98	0.98	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.91	0.91	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.91	0.91	0.91	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.91	0.91	0.91	0.91	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.91	0.91	0.91	0.91	0.91
## D		100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.66	0.66	0.66	0.66	0.66	0.61	0.61	0.61	0.61	0.61
## D	BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.97
## C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
## C																						
## C																						
## ##	TOTALS		6.36	6.36	5.30	3.94	2.95	2.95	3.94	3.94	3.94	3.94	4.59	4.59	4.59	4.59	4.59	4.26	4.26	3.35	2.43	2.49
## ##	Totals for Area 2 (lbs/day)		6.36	6.36	5.30	3.94	2.95	2.95	3.94	3.94	3.94	3.94	4.59	4.59	4.59	4.59	4.59	4.26	4.26	3.35	2.43	2.49
## ##	Check	ON-SITE EQUIPMENT	6.36	6.36	5.30	3.94	2.95	2.95	3.94	3.94	3.94	3.94	4.59	4.59	4.59	4.59	4.59	4.26	4.26	3.35	2.43	2.49

DESCRIPTION		JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION										
33 D											
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION										
## B		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100000	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160000	0.97	0.97	0.97	0.97	0.97	0.90	0.90	0.90	0.90
## C			=====	=====	=====	=====	=====	=====	=====	=====	=====
## C											
## C											
## ##	TOTALS		1.58	0.97	0.97	0.97	0.97	0.90	0.90	0.90	0.90
## ##	Totals for Area 2 (lbs/day)		1.58	0.97	0.97	0.97	0.97	0.90	0.90	0.90	0.90
## ##	Check	ON-SITE EQUIPMENT	1.58	0.97	0.97	0.97	0.97	0.90	0.90	0.90	0.90

DESCRIPTION		JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG
		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																					
33 D																					
44 D PHASE 2-A AREA D OFFICE 175,000 SF	175000	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION																					
## B	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2A 840 UNITS AREA D	200000	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	240000	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	1.04	1.04	1.04	1.04	1.04
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	1.04	1.04	1.04	1.04
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	1.04	1.04	1.04
## D BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## C																					
## C																					
## C																					
## #	TOTALS	4.65	8.82	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	8.93	5.14	3.13	4.17	4.17	5.21	5.21	6.26	6.26
## # Totals for Area 2 (lbs/day)		4.65	8.82	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	8.93	5.14	3.13	4.17	4.17	5.21	5.21	6.26	6.26
## # Check	ON-SITE EQUIPMEN	4.65	8.82	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	8.93	5.14	3.13	4.17	4.17	5.21	5.21	6.26	6.26

DESCRIPTION		SEP	OCT	NOV	DEC	JAN 2008	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2009	FEB	MAR	APR
		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																					
33 D																					
44 D PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION																					
## B	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2B 900 UNITS AREA D	150000	1.04	1.04	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	1.04	1.04	1.04	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	1.04	1.04	1.04	1.04	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	1.04	1.04	1.04	1.04	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	1.04	1.04	1.04	1.04	0.96	0.96	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	1.04	1.04	1.04	1.04	0.96	0.96	0.96	0.96	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.88	0.88	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.88	0.88	0.88	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.88	0.88	0.88	0.88
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.96	0.96	0.96	0.96	0.96	0.88	0.88	0.88	0.88
## D	100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.64	0.64	0.64	0.64	0.59	0.59	0.59	0.59
## D BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## C																					
## C																					
## C																					
## #	TOTALS	6.26	6.26	6.26	5.21	3.84	2.88	2.88	3.84	3.84	3.84	3.84	4.48	4.48	4.48	4.48	4.48	4.11	4.11	3.23	2.35
## # Totals for Area 2 (lbs/day)		6.26	6.26	6.26	5.21	3.84	2.88	2.88	3.84	3.84	3.84	3.84	4.48	4.48	4.48	4.48	4.48	4.11	4.11	3.23	2.35
## # Check	ON-SITE EQUIPME	6.26	6.26	6.26	5.21	3.84	2.88	2.88	3.84	3.84	3.84	3.84	4.48	4.48	4.48	4.48	4.48	4.11	4.11	3.23	2.35

		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION													
33 D													
44 D PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION													
## B	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	100000	0.59	0.59	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2D 160 UNITS AREA D	160000	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.86	0.86	0.86	0.86
## C													
## C		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
## C													
## #	TOTALS	2.41	2.41	1.53	0.94	0.94	0.94	0.94	0.94	0.86	0.86	0.86	0.86
## # Totals for Area 2 (lbs/day)		2.41	2.41	1.53	0.94	0.94	0.94	0.94	0.94	0.86	0.86	0.86	0.86
## # Check	ON-SITE EQUIPME	2.41	2.41	1.53	0.94	0.94	0.94	0.94	0.94	0.86	0.86	0.86	0.86

ARCHITECTURAL EMISSIONS		JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	
32 F OFFICE AND RETAIL CONSTRUCTION																					
33 D																					
44 D PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	48.40	48.40	48.40	48.40	48.40	48.40	48.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45 D PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	41.48	41.48	41.48	41.48	41.48	41.48	41.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
46 D PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	11.06	11.06	11.06	11.06	11.06	11.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
47 D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99 F RESIDENTIAL CONSTRUCTION																					
## B		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	74.73	74.73	74.73	74.73	74.73	74.73	74.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	74.73	74.73	74.73	74.73	74.73	74.73	74.73	0.00	0.00	0.00	0.00	0.00	0.00	
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	74.73	74.73	74.73	74.73	74.73	74.73	74.73	0.00	0.00	0.00	0.00	0.00	0.00	
## D	240000	0.00	0.00	0.00	0.00	0.00	89.67	89.67	89.67	89.67	89.67	89.67	89.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.04	56.04	56.04	
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.04	56.04	56.04	
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.04	56.04	
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.04	56.04	
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.04	
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## C																					
## C																					
## C																					
## #	TOTALS	0.00	0.00	0.00	0.00	48.40	254.28	414.79	414.79	414.79	414.79	414.79	366.40	160.51	0.00	0.00	0.00	112.09	112.09	168.13	224.18
## # Totals for Area 2 (ROC lbs/day)		0.00	0.00	0.00	0.00	48.40	254.28	414.79	414.79	414.79	414.79	414.79	366.40	160.51	0.00	0.00	0.00	112.09	112.09	168.13	224.18
## #																					
#																					
#																					

Architectural Coatings (Non Residential)

$ROC \text{ (lbs/day)} = (\# \times A \times F / (1000/C)) \times L / N^1$
A = Building Area (sqft) 100,000
F = Surface Area Coating Factor ² 2
C = Coating Requirements (gal/100 6.05
L = Rule 1113 limit (lbs ROC/gal) ³ 2.08 or 250 g/l
= Number of Coating Application: 2
Total ROC (lbs) ⁴ 5,033
Duration (months) 7.0
Days per work week (5 or 6) 6.0
Days of work per month 26.0
N = Number of Days 182.0
ROC (lbs/day) 27.66

One application is equivalent to 4 mils (1,604 sq. ft. @ one mil thick)

¹ Mass Balance Approach

² Table A11-13-C, CEQA Air Quality Handbook (SCAQMD, 1993).

³ Rule 1113 Table of Standards VOC Limits, Flats.

⁴ Assumes: 1) coating will be done with 250 g/l VOC flat coatings and will be applied with HVLP (65% transfer efficiency) or equivalent means; 2) two application of architectural coatings would be required for this type of bulb

Architectural Coatings (Residential)

$ROC \text{ (lbs/day)} = (\# \times A \times F / (1000/C)) \times L / N^1$
A = Building Area (sqft) 100,000
F = Surface Area Coating Factor ² 2.7
C = Coating Requirements (gal/100 6.05
L = Rule 1113 limit (lbs ROC/gal) ³ 2.08 or 250 g/l
= Number of Coating Application: 2
Total ROC (lbs) ⁴ 6,795
Duration (months) 7.0
Days per work week (5 or 6) 6.0
Days of work per month 26.0
N = Number of Days 181.9
ROC (lbs/day) 37.36

ARCHITECTURAL EMISSIONS		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
DESCRIPTION		#MM	#MM	#MM	#MM	2008 #MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	2009 #MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																					
33 D																					
44 D PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION																					
## B																					
## D BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2B 900 UNITS AREA D	150000	56.04	56.04	56.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	56.04	56.04	56.04	56.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	56.04	56.04	56.04	56.04	56.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	56.04	56.04	56.04	56.04	56.04	56.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	56.04	56.04	56.04	56.04	56.04	56.04	56.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	56.04	56.04	56.04	56.04	56.04	56.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.04	56.04	56.04	56.04	56.04	56.04	56.04	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.04	56.04	56.04	56.04	56.04	56.04	56.04	56.04	0.00
## D	150000	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	56.04	56.04	56.04	56.04	56.04	56.04	56.04
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.04	56.04	56.04	56.04	56.04	56.04
## D	100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.36	37.36	37.36	37.36
## D BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## C																					
## C																					
## C																					
## #	TOTALS	224.18	280.22	280.22	280.22	224.18	168.13	112.09	112.09	56.04	56.04	0.00	56.04	112.09	168.13	168.13	224.18	261.54	261.54	205.50	149.45
## # Totals for Area 2 (ROC lbs/day)		224.18	280.22	280.22	280.22	224.18	168.13	112.09	112.09	56.04	56.04	0.00	56.04	112.09	168.13	168.13	224.18	261.54	261.54	205.50	149.45
## #																					
#																					
#																					

ling; and 3) 5% solvent usage.

ARCHITECTURAL EMISSIONS		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION													
33 D													
44 D PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION													
## B		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	59.78	59.78	59.78	59.78	59.78	59.78	59.78
## C		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
## C													
## C													
## #	TOTALS	93.41	93.41	37.36	0.00	0.00	59.78	59.78	59.78	59.78	59.78	59.78	59.78
## # Totals for Area 2 (ROC lbs/day)		93.41	93.41	37.36	0.00	0.00	59.78	59.78	59.78	59.78	59.78	59.78	59.78
## #													
#													
#													

			JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DESCRIPTION			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	
32 F OFFICE AND RETAIL CONSTRUCTION																							
33 D																							
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
46 D	PHASE 2A AREA D COMM. SERV. 40,000 S	40000	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
47 D			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99 F RESIDENTIAL CONSTRUCTION																							
## D																							
## D	BUILD PHASE 2A 840 UNITS AREA D	200000	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200000	0.00	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		200000	0.00	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D		240000	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
## D	BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09		
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09		
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09	0.09	0.09	0.09		
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09	0.09	0.09		
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09	0.09		
## D	BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D	BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## D			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
## C																							
## C																							
## C																							
## #	TOTALS		0.36	0.68	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.68	0.43	0.26	0.35	0.35	0.44	0.44	0.53	0.53	
## #	Totals for Area 2 (lbs/day)		0.36	0.68	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.68	0.43	0.26	0.35	0.35	0.44	0.44	0.53	0.53	
## #	Check	ON-SITE EQUIPMENT FOR BUILDING CONSTRUCTION	0.36	0.68	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.68	0.43	0.26	0.35	0.35	0.44	0.44	0.53	0.53	

DESCRIPTION		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
		#MM	#MM	#MM	2008 #MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	2009 #MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																						
33 D																						
44 D PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D PHASE 2A AREA D COMM. SERV. 40,000 S	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION																						
## D																						
## D BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2B 900 UNITS AREA D	150000	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.09	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
## D	100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
## D BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10
## C																						
## C																						
## C																						
## #	TOTALS	0.53	0.53	0.44	0.36	0.27	0.27	0.36	0.36	0.36	0.36	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.33	0.24	0.25	0.25
## # Totals for Area 2 (lbs/day)		0.53	0.53	0.44	0.36	0.27	0.27	0.36	0.36	0.36	0.36	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.33	0.24	0.25	0.25
## # Check	ON-SITE EQUIPMENT FOR BUILDING CONSTRUCTION	0.53	0.53	0.44	0.36	0.27	0.27	0.36	0.36	0.36	0.36	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.33	0.24	0.25	0.25

DESCRIPTION			JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION												
33 D												
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 S	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION												
## D												
## D	BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100000	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160000	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
## C												
## C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
## C												
## #	TOTALS		0.16	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
## #	Totals for Area 2 (lbs/day)		0.16	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
## #	Check	ON-SITE EQUIPMENT FOR BUILDING CONSTRUCTION	0.16	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10

VI. INFRASTRUCTURE	OCT	NOV	DEC	JAN 2005	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Area 2																								
PM10 Fugitive Emissions	15.95	7.46	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	4.06	2.03	2.04	0.00	0.00	0.00	0.00	0.00	0.00
PM10 Equipment Emissions	6.54	0.00	10.68	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	9.91	1.56	2.76	3.96	6.48	1.09	0.00	0.00	0.00	0.00
PM10 Employee Emissions	2.63	0.00	2.63	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.68	2.68	2.68	2.68	2.68	0.00	0.00	0.00	0.00
PM10 Haul Trip On-Site Emissions	0.02	0.02	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00
PM10 Haul Trip Off-Site Emissions	1.16	1.16	5.41	5.19	5.19	5.19	5.19	5.19	5.19	5.19	5.19	5.19	5.19	5.19	5.19	1.09	0.82	1.09	0.00	0.00	0.00	0.00	0.00	0.00
PM10 Construction Delivery Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86	2.61	4.27	4.68	4.20	3.49	2.79	2.40	2.15
PM10 Construction Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.10	12.41	9.80	7.84	6.17	5.63	4.32	4.19	4.73
PM10 Construction Employee Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.68	0.70	0.70	0.70	0.70	0.70	0.70	0.70
PM10 Total for Area D-2 (lbs/day)	26.29	8.64	47.79	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83	46.83	18.71	24.00	24.55	22.36	14.83	9.81	7.80	7.29	7.57
AQMD Threshold	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
Difference	(123.7)	(141.4)	(102.2)	(103.2)	(103.2)	(103.2)	(103.2)	(103.2)	(103.2)	(103.2)	(103.2)	(103.2)	(103.2)	(103.2)	(103.2)	(131.3)	(126.0)	(125.5)	(127.6)	(135.2)	(140.2)	(142.2)	(142.7)	(142.4)
Significant?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

VI. INFRASTRUCTURE	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2008	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
Area 2																									
PM10 Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PM10 Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PM10 Employee Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PM10 Haul Trip On-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PM10 Haul Trip Off-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PM10 Construction Delivery Emissions	1.36	0.66	0.50	0.69	1.18	1.66	1.86	1.86	1.83	1.87	1.88	1.63	1.18	0.84	0.49	0.46	0.23	0.38	0.59	1.12	1.40	1.51	1.60	1.66	1.52
PM10 Construction Equipment Emissions	4.44	4.24	5.13	4.25	3.78	4.46	3.29	4.44	3.03	4.58	3.29	3.12	2.89	2.50	2.40	1.48	1.48	2.33	3.49	3.91	2.92	3.59	3.58	2.75	2.40
PM10 Construction Employee Emissions	0.70	0.70	0.68	0.43	0.26	0.35	0.35	0.44	0.44	0.53	0.53	0.53	0.53	0.53	0.44	0.36	0.27	0.27	0.36	0.36	0.36	0.36	0.42	0.42	0.42
PM10 Total for Area D-2 (lbs/day)	6.50	5.60	6.31	5.37	5.22	6.47	5.50	6.74	5.30	6.98	5.70	5.28	4.60	3.88	3.33	2.30	1.98	2.97	4.44	5.39	4.68	5.46	5.59	4.82	4.34
AQMD Threshold	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
Difference	(143.5)	(144.4)	(143.7)	(144.6)	(144.8)	(143.5)	(144.5)	(143.3)	(144.7)	(143.0)	(144.3)	(144.7)	(145.4)	(146.1)	(146.7)	(147.7)	(148.0)	(147.0)	(145.6)	(144.6)	(145.3)	(144.5)	(144.4)	(145.2)	(145.7)
Significant?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

VI. INFRASTRUCTURE	NOV	DEC	JAN 2009	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
Area 2																		
PM10 Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PM10 Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PM10 Employee Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PM10 Haul Trip On-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PM10 Haul Trip Off-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PM10 Construction Delivery Emissions	1.32	0.90	0.60	0.38	0.34	0.13	0.18	0.42	0.53	0.46	0.36	0.25	0.25	0.22	0.19	0.00	0.00	0.00
PM10 Construction Equipment Emissions	1.97	1.99	1.66	1.98	1.46	1.03	2.24	1.67	1.14	0.57	0.52	0.43	0.25	0.51	0.25	0.43	0.43	0.43
PM10 Construction Employee Emissions	0.42	0.42	0.42	0.42	0.33	0.24	0.25	0.25	0.16	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
PM10 Total for Area D-2 (lbs/day)	3.71	3.30	2.68	2.78	2.13	1.39	2.66	2.34	1.82	1.13	0.98	0.77	0.60	0.82	0.55	0.52	0.52	0.52
AQMD Threshold	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
Difference	(146.3)	(146.7)	(147.3)	(147.2)	(147.9)	(148.6)	(147.3)	(147.7)	(148.2)	(148.9)	(149.0)	(149.2)	(149.4)	(149.2)	(149.5)	(149.5)	(149.5)	(149.5)
Significant?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

VI. INFRASTRUCTURE	OCT	NOV	DEC	JAN 2005	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG
Area 2																							
CO Equipment Emissions	117.46	0.00	189.01	196.64	196.64	196.64	196.64	196.64	196.64	196.64	196.64	196.64	196.64	196.64	196.64	30.13	59.31	88.50	154.55	42.05	0.00	0.00	0.00
CO Employee Emissions	384.99	0.00	384.99	354.26	354.26	354.26	354.26	354.26	354.26	354.26	354.26	354.26	354.26	354.26	354.26	326.83	326.83	326.83	326.83	326.83	0.00	0.00	0.00
CO Haul Trip On-Site Emissions	0.47	0.47	2.16	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	0.40	0.30	0.40	0.00	0.00	0.00	0.00	0.00
CO Haul Trip Off-Site Emissions	27.92	27.92	129.88	118.04	118.04	118.04	118.04	118.04	118.04	118.04	118.04	118.04	118.04	118.04	118.04	23.92	17.94	23.92	0.00	0.00	0.00	0.00	0.00
CO Construction Delivery Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.94	57.39	93.94	102.85	92.35	76.69	61.27	52.77
CO Construction Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	194.81	302.42	263.51	246.33	193.93	155.51	109.51	93.43
CO Construction Employee Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.53	82.46	85.29	85.29	85.29	85.29	85.29	85.29
CO Total for Area 2 (lbs/day)	530.84	28.39	706.04	670.90	670.90	670.90	670.90	670.90	670.90	670.90	670.90	670.90	670.90	670.90	670.90	638.56	846.66	882.39	915.86	740.46	317.50	256.08	231.50
AQMD Threshold	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00
Difference	(19.2)	(521.6)	156.0	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	88.6	296.7	332.4	365.9	190.5	(232.5)	(293.9)	(318.5)
Significant?	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO

VI. INFRASTRUCTURE	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
					2007												2008									
Area 2																										
CO Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Employee Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Haul Trip On-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Haul Trip Off-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Construction Delivery Emissions	47.21	29.84	14.44	10.90	15.05	25.70	36.21	40.50	40.52	39.86	40.76	41.07	35.51	25.70	18.41	10.75	10.13	5.06	8.07	12.47	23.47	29.43	31.80	33.63	34.86	31.96
CO Construction Equipment Emissions:	110.30	116.41	113.84	139.85	115.82	108.89	134.85	102.53	138.72	90.23	130.83	91.65	87.88	87.24	71.90	69.65	40.85	40.85	70.34	106.60	125.26	101.40	125.99	118.80	89.49	81.47
CO Construction Employee Emissions	85.29	85.29	85.29	83.52	48.45	29.46	39.28	39.28	49.11	49.11	58.93	58.93	58.93	58.93	58.93	49.11	36.36	27.27	27.27	36.36	36.36	36.36	36.36	42.42	42.42	42.42
CO Total for Area 2 (lbs/day)	242.80	231.54	213.57	234.28	179.31	164.05	210.35	182.32	228.35	179.19	230.52	191.65	182.32	171.87	149.24	129.51	87.34	73.17	105.68	155.43	185.09	167.18	194.15	194.84	166.76	155.85
AQMD Threshold	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00
Difference	(307.2)	(318.5)	(336.4)	(315.7)	(370.7)	(385.9)	(339.6)	(367.7)	(321.7)	(370.8)	(319.5)	(358.4)	(367.7)	(378.1)	(400.8)	(420.5)	(462.7)	(476.8)	(444.3)	(394.6)	(364.9)	(382.8)	(355.9)	(355.2)	(383.2)	(394.2)
Significant?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

VI. INFRASTRUCTURE	NOV	DEC	JAN 2009	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2009	FEB	MAR	APR
Area 2																		
CO Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Employee Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Haul Trip On-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Haul Trip Off-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO Construction Delivery Emissions	27.83	18.91	12.72	8.09	7.12	2.70	3.54	8.59	10.70	9.34	7.36	5.06	5.06	4.49	3.94	0.00	0.00	0.00
CO Construction Equipment Emissions	59.33	59.31	51.50	60.54	43.83	33.42	78.63	54.87	45.38	27.88	18.42	15.84	6.91	13.81	6.91	15.84	15.84	15.84
CO Construction Employee Emissions	42.42	42.42	39.19	39.19	30.79	22.39	22.95	22.95	14.56	8.96	8.96	8.96	8.96	8.96	8.26	8.26	8.26	8.26
CO Total for Area 2 (lbs/day)	129.58	120.63	103.41	107.82	81.75	58.51	105.12	86.41	70.63	46.18	34.74	29.86	20.93	27.26	19.10	24.10	24.10	24.10
AQMD Threshold	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00
Difference	(420.4)	(429.4)	(446.6)	(442.2)	(468.3)	(491.5)	(444.9)	(463.6)	(479.4)	(503.8)	(515.3)	(520.1)	(529.1)	(522.7)	(530.9)	(525.9)	(525.9)	(525.9)
Significant?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

VI. INFRASTRUCTURE	OCT	NOV	DEC	JAN 2005	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG
Area 2																							
ROC Equipment Emissions	16.7	0.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	4.2	8.1	11.9	20.2	10.6	0.0	0.0	0.0
ROC Employee Emissions	41.2	0.0	41.2	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	35.1	35.1	35.1	35.1	35.1	0.0	0.0	0.0
ROC Haul Trip On-Site Emissions	0.1	0.1	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	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
ROC Haul Trip Off-Site Emissions	3.8	3.8	17.7	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	3.5	2.6	3.5	0.0	0.0	0.0	0.0	0.0
ROC Construction Delivery Emissions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	8.3	13.6	14.9	13.4	11.1	8.9	7.7
ROC Construction Equipment Emissions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	39.5	33.4	30.0	23.6	19.7	14.2	12.5
ROC Construction Employee Emissions	0.0	0.0	0.0	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	8.9	9.2	9.2	9.2	9.2	9.2	9.2
ROC Architectural Emissions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.4	254.3	414.8	414.8
ROC Total for Area 2 (lbs/day)	61.8	3.9	86.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	75.8	102.5	106.8	109.4	140.4	294.3	447.1	444.2
AQMD Threshold	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
Difference	-13.2	-71.1	11.3	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	0.8	27.5	31.8	34.4	65.4	219.3	372.1	369.2
Significant?	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

VI. INFRASTRUCTURE		SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2008	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Area 2	ROC Equipment Emissions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ROC Employee Emissions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ROC Haul Trip On-Site Emissions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ROC Haul Trip Off-Site Emissions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ROC Construction Delivery Emissions	6.9	4.3	2.1	1.6	2.2	3.8	5.4	6.1	6.1	6.0	6.1	6.1	5.3	3.8	2.8	1.6	1.5	0.8	1.2	1.9	3.6	4.5	4.9	5.2	5.4
	ROC Construction Equipment Emission	14.6	15.0	14.6	17.8	14.8	13.7	16.8	12.7	17.2	11.3	16.5	11.7	11.2	10.9	9.1	8.8	5.2	5.2	8.8	13.3	15.5	12.4	15.4	14.7	11.1
	ROC Construction Employee Emission	9.2	9.2	9.2	9.0	5.2	3.2	4.2	4.2	5.3	5.3	6.4	6.4	6.4	6.4	6.4	5.3	3.9	3.0	3.0	3.9	3.9	3.9	3.9	4.6	4.6
	ROC Architectural Emissions	414.8	414.8	414.8	366.4	160.5	0.0	0.0	0.0	112.1	112.1	168.1	224.2	224.2	280.2	280.2	280.2	224.2	168.1	112.1	112.1	56.0	56.0	0.0	56.0	112.1
	ROC Total for Area 2 (lbs/day)	445.4	443.3	440.6	394.8	182.8	20.8	26.5	23.0	140.6	134.7	197.1	248.3	247.0	301.4	298.5	296.0	234.9	177.1	125.1	131.3	79.1	76.9	24.2	80.5	133.1
	AQMD Threshold	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
Difference	370.4	368.3	365.6	319.8	107.8	-54.2	-48.5	-52.0	65.6	59.7	122.1	173.3	172.0	226.4	223.5	221.0	159.9	102.1	50.1	56.3	4.1	1.9	-50.8	5.5	58.1	
Significant?	YES	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES

VI. INFRASTRUCTURE	OCT	NOV	DEC	JAN 2009	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
Area 2																			
ROC Equipment Emissions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROC Employee Emissions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROC Haul Trip On-Site Emissions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROC Haul Trip Off-Site Emissions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROC Construction Delivery Emissions	4.9	4.3	2.9	2.0	1.2	1.1	0.4	0.6	1.4	1.7	1.5	1.2	0.8	0.8	0.7	0.6	0.0	0.0	0.0
ROC Construction Equipment Emission	10.0	7.4	7.4	6.4	7.6	5.5	4.1	9.6	6.8	5.5	3.3	2.2	1.9	0.9	1.7	0.9	1.9	1.9	1.9
ROC Construction Employee Emission	4.6	4.6	4.6	4.3	4.3	3.3	2.4	2.5	2.5	1.6	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
ROC Architectural Emissions	168.1	168.1	224.2	261.5	261.5	205.5	149.5	93.4	93.4	37.4	0.0	0.0	59.8	59.8	59.8	59.8	59.8	59.8	59.8
ROC Total for Area 2 (lbs/day)	187.6	184.4	239.1	274.2	274.6	215.4	156.4	106.1	104.0	46.1	5.7	4.4	63.5	62.4	63.2	62.2	62.6	62.6	62.6
AQMD Threshold	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
Difference	112.6	109.4	164.1	199.2	199.6	140.4	81.4	31.1	29.0	-28.9	-69.3	-70.6	-11.5	-12.6	-11.8	-12.8	-12.4	-12.4	-12.4
Significant?	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

VI. INFRASTRUCTURE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Area 2				2005												2006								
NOx Equipment Emissions	137.20	0.00	224.05	213.50	213.50	213.50	213.50	213.50	213.50	213.50	213.50	213.50	213.50	213.50	213.50	33.83	62.10	90.38	147.74	30.04	0.00	0.00	0.00	0.00
NOx Employee Emissions	41.85	0.00	41.85	38.17	38.17	38.17	38.17	38.17	38.17	38.17	38.17	38.17	38.17	38.17	38.17	34.95	34.95	34.95	34.95	34.95	0.00	0.00	0.00	0.00
NOx Haul Trip On-Site Emissions	0.60	0.60	2.78	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	0.56	0.42	0.56	0.00	0.00	0.00	0.00	0.00	0.00
NOx Haul Trip Off-Site Emissions	35.81	35.81	166.54	158.30	158.30	158.30	158.30	158.30	158.30	158.30	158.30	158.30	158.30	158.30	158.30	33.45	25.08	33.45	0.00	0.00	0.00	0.00	0.00	0.00
NOx Construction Delivery Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.49	80.24	131.35	143.81	129.13	107.24	85.68	73.79	66.01
NOx Construction Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	186.05	286.76	233.03	195.54	154.59	136.24	101.93	94.94	108.62
NOx Construction Employee Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.65	8.82	9.12	9.12	9.12	9.12	9.12	9.12	9.12
NOx Total for Area 2 (lbs/day)	215.45	36.40	435.21	412.61	412.61	412.61	412.61	412.61	412.61	412.61	412.61	412.61	412.61	412.61	412.61	319.97	498.37	532.83	531.16	357.82	252.60	196.73	177.85	183.75
AQMD Threshold	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Difference	115.5	(63.6)	335.2	312.6	312.6	312.6	312.6	312.6	312.6	312.6	312.6	312.6	312.6	312.6	312.6	220.0	398.4	432.8	431.2	257.8	152.6	96.7	77.8	83.8
Significant?	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

VI. INFRASTRUCTURE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
	2007												2008											
Area 2																								
NOx Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NOx Employee Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NOx Haul Trip On-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NOx Haul Trip Off-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NOx Construction Delivery Emissions	41.72	20.19	15.38	21.49	36.78	51.82	57.96	57.99	57.04	58.33	58.77	50.81	36.78	26.34	15.39	14.50	7.23	11.64	18.15	34.16	42.83	46.28	48.93	50.73
NOx Construction Equipment Emissions	106.21	102.30	124.62	103.46	94.09	113.17	84.75	114.37	76.98	113.93	81.23	77.34	73.90	63.00	60.68	36.55	36.55	59.46	89.48	102.67	80.09	98.88	95.70	72.73
NOx Construction Employee Emissions	9.12	9.12	8.93	5.14	3.13	4.17	4.17	5.21	5.21	6.26	6.26	6.26	6.26	6.26	5.21	3.84	2.88	2.88	3.84	3.84	3.84	4.48	4.48	4.48
NOx Total for Area 2 (lbs/day)	157.05	131.61	148.92	130.09	134.00	169.16	146.88	177.57	139.23	178.52	146.25	134.41	116.93	95.60	81.28	54.88	46.66	73.98	111.47	140.66	126.75	149.00	149.11	127.93
AQMD Threshold	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Difference	57.0	31.6	48.9	30.1	34.0	69.2	46.9	77.6	39.2	78.5	46.3	34.4	16.9	(4.4)	(18.7)	(45.1)	(53.3)	(26.0)	11.5	40.7	26.8	49.0	49.1	27.9
Significant?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	YES	YES	YES	YES	YES	YES

VI. INFRASTRUCTURE	OCT	NOV	DEC	JAN 2009	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
Area 2																			
NOx Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx Employee Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx Haul Trip On-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx Haul Trip Off-Site Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx Construction Delivery Emissions	46.51	40.50	27.52	18.51	11.77	10.37	3.93	5.24	12.70	15.82	13.81	10.88	7.49	7.49	6.64	0.00	0.00	0.00	0.00
NOx Construction Equipment Emissions	64.80	49.89	50.21	42.83	50.64	37.05	27.19	61.70	44.13	33.95	19.49	14.30	12.07	5.97	11.95	5.97	12.07	12.07	12.07
NOx Construction Employee Emissions	4.48	4.48	4.48	4.11	4.11	3.23	2.35	2.41	2.41	1.53	0.94	0.94	0.94	0.94	0.94	0.86	0.86	0.86	0.86
NOx Total for Area 2 (lbs/day)	115.79	94.87	82.21	65.45	66.52	50.64	33.47	69.34	59.23	51.30	34.24	26.12	20.50	14.40	19.53	6.83	12.93	12.93	12.93
AQMD Threshold	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Difference	15.8	(5.1)	(17.8)	(34.5)	(33.5)	(49.4)	(66.5)	(30.7)	(40.8)	(48.7)	(65.8)	(73.9)	(79.5)	(85.6)	(80.5)	(93.2)	(87.1)	(87.1)	(87.1)
Significant?	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

VI. INFRASTRUCTURE	OCT	NOV	DEC	JAN 2005	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Area 2																								
SOx Equipment Emissions	7.89	0.00	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	5.07	7.64	10.21	9.78	3.57	0.00	0.00	0.00	0.00
SOx Construction Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.51	36.96	27.34	17.95	16.17	18.88	18.00	21.54	23.90
SOx Total for Area 2 (lbs/day)	7.89	0.00	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	13.76	26.58	44.60	37.55	27.73	19.74	18.88	18.00	21.54	23.90
AQMD Threshold	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
Difference	(142.1)	(150.0)	(136.2)	(136.2)	(136.2)	(136.2)	(136.2)	(136.2)	(136.2)	(136.2)	(136.2)	(136.2)	(136.2)	(136.2)	(136.2)	(123.4)	(105.4)	(112.5)	(122.3)	(130.3)	(131.1)	(132.0)	(128.5)	(126.1)
Significant?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

VI. INFRASTRUCTURE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
				2007												2008									
Area 2																									
SOx Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx Construction Equipment Emissions	18.61	16.45	17.98	14.56	11.39	13.21	10.32	12.90	11.65	16.54	15.10	13.45	12.80	11.17	11.00	7.32	7.32	8.56	12.75	13.23	10.15	11.06	13.10	10.77	10.67
SOx Total for Area 2 (lbs/day)	18.61	16.45	17.98	14.56	11.39	13.21	10.32	12.90	11.65	16.54	15.10	13.45	12.80	11.17	11.00	7.32	7.32	8.56	12.75	13.23	10.15	11.06	13.10	10.77	10.67
AQMD Threshold	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
Difference	(131.4)	(133.6)	(132.0)	(135.4)	(138.6)	(136.8)	(139.7)	(137.1)	(138.3)	(133.5)	(134.9)	(136.5)	(137.2)	(138.8)	(139.0)	(142.7)	(142.7)	(141.4)	(137.3)	(136.8)	(139.9)	(138.9)	(136.9)	(139.2)	(139.3)
Significant?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

VI. INFRASTRUCTURE	NOV	DEC	JAN 2009	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2010	FEB	MAR	APR
Area 2																		
SOx Equipment Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SOx Construction Equipment Emissions	10.50	10.48	8.55	10.37	7.93	4.89	8.30	7.51	3.71	1.94	2.14	1.96	1.94	3.88	1.94	1.96	1.96	1.96
SOx Total for Area 2 (lbs/day)	10.50	10.48	8.55	10.37	7.93	4.89	8.30	7.51	3.71	1.94	2.14	1.96	1.94	3.88	1.94	1.96	1.96	1.96
AQMD Threshold	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
Difference	(139.5)	(139.5)	(141.5)	(139.6)	(142.1)	(145.1)	(141.7)	(142.5)	(146.3)	(148.1)	(147.9)	(148.0)	(148.1)	(146.1)	(148.1)	(148.0)	(148.0)	(148.0)
Significant?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

E-1c

Off-Site Roadway Improvements URBEMIS2002 Output Files

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\AIR QUALITY DIVISION\Projects\Playa Vista 2002\D Only\Construction\CentCorr.urb
 Project Name: Playa Vista (Offsite Improvements--Centinela Avenue Corridor)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
 (Pounds/Day - Summer)

CONSTRUCTION EMISSION ESTIMATES

*** 2006 ***	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
TOTALS (lbs/day, unmitigated)	10.62	76.86	84.25	0.02	90.14	3.42	86.72
TOTALS (lbs/day, mitigated)	10.62	76.86	84.25	0.02	11.13	3.42	7.71

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\AIR QUALITY DIVISION\Projects\Playa Vista 2002\D Only\Construction\CentCorr.urb
 Project Name: Playa Vista (Offsite Improvements--Centinela Avenue Corridor)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Pounds/Day - Summer)

Construction Start Month and Year: June, 2006
 Construction Duration: 2
 Total Land Use Area to be Developed: 2.27 acres
 Maximum Acreage Disturbed Per Day: 2.27 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2006***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	0.37	-	0.37
Off-Road Diesel	5.96	47.69	42.44	-	2.21	2.21	0.00
On-Road Diesel	0.06	1.12	0.23	0.02	0.04	0.03	0.01
Worker Trips	0.10	0.16	2.95	0.00	0.01	0.00	0.01
Maximum lbs/day	6.12	48.97	45.62	0.02	2.63	2.24	0.39
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	7.70	-	7.70
Off-Road Diesel	10.45	75.63	80.71	-	3.40	3.40	0.00
On-Road Diesel	0.06	1.05	0.22	0.02	0.02	0.02	0.00
Worker Trips	0.11	0.18	3.32	0.00	0.01	0.00	0.01
Maximum lbs/day	10.62	76.86	84.25	0.02	11.13	3.42	7.71
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	4.31	33.79	31.16	-	1.55	1.55	0.00
Bldg Const Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	0.00	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.32	-	-	-	-	-	-
Asphalt Off-Road Diesel	5.22	34.12	42.92	-	1.38	1.38	0.00
Asphalt On-Road Diesel	0.07	1.14	0.27	0.02	0.03	0.03	0.00
Asphalt Worker Trips	0.03	0.01	0.36	0.00	0.01	0.00	0.01
Maximum lbs/day	9.96	69.07	74.71	0.02	2.98	2.97	0.01
Max lbs/day all phases	10.62	76.86	84.25	0.02	11.13	3.42	7.71

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Apply soil stabilizers to inactive areas
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 30.0%)
 Phase 2: Soil Disturbance: Replace ground cover in disturbed areas quickly
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 15.0%)
 Phase 2: Soil Disturbance: Water exposed surfaces - 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 50.0%)
 Phase 2: Stockpiles: Cover all stock piles with tarps
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 9.5%)
 Phase 2: Unpaved Roads: Water all haul roads 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 45.0%)
 Phase 2: Unpaved Roads: Reduce speed on unpaved roads to < 15 mph
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 40.0%)

Phase 1 - Demolition Assumptions
 Start Month/Year for Phase 1: Jun '06
 Phase 1 Duration: .5 months
 Building Volume Total (cubic feet): 87025
 Building Volume Daily (cubic feet): 870.25
 On-Road Truck Travel (VMT): 48

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Other Equipment	190	0.620	8.3
4	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '06
 Phase 2 Duration: .5 months

On-Road Truck Travel (VMT): 46
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Other Equipment	190	0.620	8.3
1	Scrapers	313	0.660	8.3
4	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '06

Phase 3 Duration: 1 months

Start Month/Year for SubPhase Building: Jul '06

SubPhase Building Duration: 1 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Cranes	190	0.430	2.0
1	Other Equipment	190	0.620	8.3
1	Tractor/Loaders/Backhoes	79	0.465	8.3

Start Month/Year for SubPhase Architectural Coatings: Jul '06

SubPhase Architectural Coatings Duration: .5 months

Start Month/Year for SubPhase Asphalt: Jul '06

SubPhase Asphalt Duration: .5 months

Acres to be Paved: 1.34

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Pavers	132	0.590	8.3
1	Paving Equipment	111	0.530	8.3
1	Rollers	114	0.430	8.3

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Site Grading Fugitive Dust Emission Rate changed from 10 to 38.2

Architectural Coatings: # ROG/ft2 (residential) changed from 0.0185 to 0.00185

Architectural Coatings: # ROG/ft2 (non-res) changed from 0.0185 to 0.00185

Phase 2 mitigation measure Soil Disturbance: Apply soil stabilizers to inactive areas

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Replace ground cover in disturbed areas quickly

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 3x daily

has been changed from off to on.

Phase 2 mitigation measure Stockpiles: Cover all stock piles with tarps

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Water all haul roads 3x daily

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Reduce speed on unpaved roads to < 15 mph

has been changed from off to on.

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\AIR QUALITY DIVISION\Projects\Playa Vista 2002\D Only\Construction\Int11.urb
 Project Name: Playa Vista (Offsite Improvements--Int#11 Centinela Ave. & Culver Blvd.)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
 (Pounds/Day - Summer)

CONSTRUCTION EMISSION ESTIMATES

*** 2006 ***	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
TOTALS (lbs/day,unmitigated)	8.59	59.63	67.96	0.02	7.21	2.54	4.67
TOTALS (lbs/day, mitigated)	8.59	59.63	67.96	0.02	2.96	2.54	0.42

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\AIR QUALITY DIVISION\Projects\Playa Vista 2002\D Only\Construction\Int11.urb
 Project Name: Playa Vista (Offsite Improvements--Int#11 Centinela Ave. & Culver Blvd.)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Pounds/Day - Summer)

Construction Start Month and Year: June, 2006
 Construction Duration: 1
 Total Land Use Area to be Developed: 0.122 acres
 Maximum Acreage Disturbed Per Day: 0.122 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2006***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	0.31	-	0.31
Off-Road Diesel	4.62	36.94	32.88	-	1.71	1.71	0.00
On-Road Diesel	0.05	0.94	0.19	0.02	0.02	0.02	0.00
Worker Trips	0.06	0.10	1.84	0.00	0.01	0.00	0.01
Maximum lbs/day	4.73	37.98	34.91	0.02	2.05	1.73	0.32
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.41	-	0.41
Off-Road Diesel	5.33	39.39	40.44	-	1.77	1.77	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.06	0.10	1.84	0.00	0.01	0.00	0.01
Maximum lbs/day	5.39	39.49	42.28	0.00	2.19	1.77	0.42
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	4.31	33.79	31.16	-	1.55	1.55	0.00
Bldg Const Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	0.00	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.07	-	-	-	-	-	-
Asphalt Off-Road Diesel	4.15	25.52	35.27	-	0.99	0.99	0.00
Asphalt On-Road Diesel	0.02	0.24	0.06	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.05	0.08	1.47	0.00	0.00	0.00	0.00
Maximum lbs/day	8.59	59.63	67.96	0.01	2.54	2.54	0.00
Max lbs/day all phases	8.59	59.63	67.96	0.02	2.96	2.54	0.42

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Apply soil stabilizers to inactive areas
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 30.0%)
 Phase 2: Soil Disturbance: Replace ground cover in disturbed areas quickly
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 15.0%)
 Phase 2: Soil Disturbance: Water exposed surfaces - 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 50.0%)
 Phase 2: Stockpiles: Cover all stock piles with tarps
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 9.5%)
 Phase 2: Unpaved Roads: Water all haul roads 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 45.0%)
 Phase 2: Unpaved Roads: Reduce speed on unpaved roads to < 15 mph
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 40.0%)
 Phase 1 - Demolition Assumptions
 Start Month/Year for Phase 1: Jun '06
 Phase 1 Duration: .25 months
 Building Volume Total (cubic feet): 3294.76
 Building Volume Daily (cubic feet): 729
 On-Road Truck Travel (VMT): 42
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Other Equipment	190	0.620	8.3
2	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '06
 Phase 2 Duration: .25 months

On-Road Truck Travel (VMT): 0

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Other Equipment	190	0.620	8.3
2	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jun '06

Phase 3 Duration: .5 months

Start Month/Year for SubPhase Building: Jun '06

SubPhase Building Duration: .25 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Cranes	190	0.430	2.0
1	Other Equipment	190	0.620	8.3
1	Tractor/Loaders/Backhoes	79	0.465	8.3

Start Month/Year for SubPhase Architectural Coatings: Jun '06

SubPhase Architectural Coatings Duration: .125 months

Start Month/Year for SubPhase Asphalt: Jun '06

SubPhase Asphalt Duration: .125 months

Acres to be Paved: 0.07

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Pavers	132	0.590	8.3
1	Rollers	114	0.430	8.3

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Site Grading Fugitive Dust Emission Rate changed from 10 to 38.2

Architectural Coatings: # ROG/ft2 (residential) changed from 0.0185 to 0.00185

Architectural Coatings: # ROG/ft2 (non-res) changed from 0.0185 to 0.00185

Phase 2 mitigation measure Soil Disturbance: Apply soil stabilizers to inactive areas

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Replace ground cover in disturbed areas quickly

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 3x daily

has been changed from off to on.

Phase 2 mitigation measure Stockpiles: Cover all stock piles with tarps

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Water all haul roads 3x daily

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Reduce speed on unpaved roads to < 15 mph

has been changed from off to on.

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\VAIR QUALITY DIVISION\Projects\Playa Vista 2002\D Only\Construction\Int14.urb
 Project Name: Playa Vista (Offsite Improvements--Int#14 La Tijera Blvd. and Centinela Ave.)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
 (Pounds/Day - Summer)

CONSTRUCTION EMISSION ESTIMATES

*** 2006 ***	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
TOTALS (lbs/day,unmitigated)	10.58	76.23	84.12	0.02	37.04	3.41	33.63
TOTALS (lbs/day, mitigated)	10.58	76.23	84.12	0.02	6.41	3.41	3.00

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\VAIR QUALITY DIVISION\Projects\Playa Vista 2002\D Only\Construction\Int14.urb
 Project Name: Playa Vista (Offsite Improvements--Int#14 La Tijera Blvd. and Centinela Ave.)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Pounds/Day - Summer)

Construction Start Month and Year: June, 2006
 Construction Duration: 2
 Total Land Use Area to be Developed: 0.88 acres
 Maximum Acreage Disturbed Per Day: 0.88 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source *** 2006***	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	0.31	-	0.31
Off-Road Diesel	5.96	47.69	42.44	-	2.21	2.21	0.00
On-Road Diesel	0.05	0.94	0.19	0.02	0.02	0.02	0.00
Worker Trips	0.10	0.16	2.95	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	48.79	45.58	0.02	2.55	2.23	0.32
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	2.99	-	2.99
Off-Road Diesel	10.45	75.63	80.71	-	3.40	3.40	0.00
On-Road Diesel	0.02	0.42	0.09	0.01	0.01	0.01	0.00
Worker Trips	0.11	0.18	3.32	0.00	0.01	0.00	0.01
Maximum lbs/day	10.58	76.23	84.12	0.01	6.41	3.41	3.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	4.31	33.79	31.16	-	1.55	1.55	0.00
Bldg Const Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	0.00	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.05	-	-	-	-	-	-
Asphalt Off-Road Diesel	5.22	34.12	42.92	-	1.38	1.38	0.00
Asphalt On-Road Diesel	0.01	0.19	0.04	0.00	0.01	0.01	0.00
Asphalt Worker Trips	0.03	0.01	0.36	0.00	0.01	0.00	0.01
Maximum lbs/day	9.63	68.11	74.49	0.00	2.95	2.94	0.01
Max lbs/day all phases	10.58	76.23	84.12	0.02	6.41	3.41	3.00

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Apply soil stabilizers to inactive areas
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 30.0%)
 Phase 2: Soil Disturbance: Replace ground cover in disturbed areas quickly
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 15.0%)
 Phase 2: Soil Disturbance: Water exposed surfaces - 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 50.0%)
 Phase 2: Stockpiles: Cover all stock piles with tarps
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 9.5%)
 Phase 2: Unpaved Roads: Water all haul roads 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 45.0%)
 Phase 2: Unpaved Roads: Reduce speed on unpaved roads to < 15 mph
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 40.0%)
 Phase 1 - Demolition Assumptions
 Start Month/Year for Phase 1: Jun '06
 Phase 1 Duration: .5 months
 Building Volume Total (cubic feet): 27989.29
 Building Volume Daily (cubic feet): 729
 On-Road Truck Travel (VMT): 42
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Other Equipment	190	0.620	8.3
4	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '06
 Phase 2 Duration: .5 months

On-Road Truck Travel (VMT): 18

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Other Equipment	190	0.620	8.3
1	Scrapers	313	0.660	8.3
4	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '06

Phase 3 Duration: 1 months

Start Month/Year for SubPhase Building: Jul '06

SubPhase Building Duration: 1 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Cranes	190	0.430	2.0
1	Other Equipment	190	0.620	8.3
1	Tractor/Loaders/Backhoes	79	0.465	8.3

Start Month/Year for SubPhase Architectural Coatings: Jul '06

SubPhase Architectural Coatings Duration: .5 months

Start Month/Year for SubPhase Asphalt: Jul '06

SubPhase Asphalt Duration: .5 months

Acres to be Paved: 0.22

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Pavers	132	0.590	8.3
1	Paving Equipment	111	0.530	8.3
1	Rollers	114	0.430	8.3

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Site Grading Fugitive Dust Emission Rate changed from 10 to 38.2

Architectural Coatings: # ROG/ft2 (residential) changed from 0.0185 to 0.00185

Architectural Coatings: # ROG/ft2 (non-res) changed from 0.0185 to 0.00185

Phase 2 mitigation measure Soil Disturbance: Apply soil stabilizers to inactive areas

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Replace ground cover in disturbed areas quickly

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 3x daily

has been changed from off to on.

Phase 2 mitigation measure Stockpiles: Cover all stock piles with tarps

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Water all haul roads 3x daily

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Reduce speed on unpaved roads to < 15 mph

has been changed from off to on.

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\AIR QUALITY DIVISION\Projects\Playa Vista 2002\Only\Construction\Int77.urb
 Project Name: Playa Vista (Offsite Improvements--Int#77 Inglewood Blvd. and Culver Ave.)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
 (Pounds/Day - Summer)

CONSTRUCTION EMISSION ESTIMATES

*** 2006 ***	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
TOTALS (lbs/day, unmitigated)	9.23	65.86	73.54	0.02	15.54	2.92	12.62
TOTALS (lbs/day, mitigated)	9.23	65.86	73.54	0.02	4.05	2.92	1.13

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\AIR QUALITY DIVISION\Projects\Playa Vista 2002\Only\Construction\Int77.urb
 Project Name: Playa Vista (Offsite Improvements--Int#77 La Tijera Blvd. and Centinela Ave.)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Pounds/Day - Summer)

Construction Start Month and Year: June, 2006
 Construction Duration: 2
 Total Land Use Area to be Developed: 0.33 acres
 Maximum Acreage Disturbed Per Day: 0.33 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2006***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	0.31	-	0.31
Off-Road Diesel	5.96	47.69	42.44	-	2.21	2.21	0.00
On-Road Diesel	0.05	0.94	0.19	0.02	0.02	0.02	0.00
Worker Trips	0.10	0.16	2.95	0.00	0.01	0.00	0.01
Maximum lbs/day	6.11	48.79	45.58	0.02	2.55	2.23	0.32
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	1.12	-	1.12
Off-Road Diesel	9.10	64.88	71.15	-	2.90	2.90	0.00
On-Road Diesel	0.05	0.86	0.18	0.02	0.02	0.02	0.00
Worker Trips	0.08	0.12	2.21	0.00	0.01	0.00	0.01
Maximum lbs/day	9.23	65.86	73.54	0.02	4.05	2.92	1.13
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	4.31	33.79	31.16	-	1.55	1.55	0.00
Bldg Const Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	0.00	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.04	-	-	-	-	-	-
Asphalt Off-Road Diesel	4.15	25.52	35.27	-	0.99	0.99	0.00
Asphalt On-Road Diesel	0.01	0.15	0.04	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.02	0.01	0.29	0.00	0.00	0.00	0.00
Maximum lbs/day	8.54	59.47	66.75	0.00	2.54	2.54	0.00
Max lbs/day all phases	9.23	65.86	73.54	0.02	4.05	2.92	1.13

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Apply soil stabilizers to inactive areas
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 30.0%)
 Phase 2: Soil Disturbance: Replace ground cover in disturbed areas quickly
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 15.0%)
 Phase 2: Soil Disturbance: Water exposed surfaces - 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 50.0%)
 Phase 2: Stockpiles: Cover all stock piles with tarps
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 9.5%)
 Phase 2: Unpaved Roads: Water all haul roads 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 45.0%)
 Phase 2: Unpaved Roads: Reduce speed on unpaved roads to < 15 mph
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 40.0%)

Phase 1 - Demolition Assumptions
 Start Month/Year for Phase 1: Jun '06
 Phase 1 Duration: .5 months
 Building Volume Total (cubic feet): 14496.16
 Building Volume Daily (cubic feet): 729
 On-Road Truck Travel (VMT): 42

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Other Equipment	190	0.620	8.3
4	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '06
 Phase 2 Duration: .5 months

On-Road Truck Travel (VMT): 38

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Other Equipment	190	0.620	8.3
1	Scrapers	313	0.660	8.3
2	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jul '06

Phase 3 Duration: 1 months

Start Month/Year for SubPhase Building: Jul '06

SubPhase Building Duration: 1 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Cranes	190	0.430	2.0
1	Other Equipment	190	0.620	8.3
1	Tractor/Loaders/Backhoes	79	0.465	8.3

Start Month/Year for SubPhase Architectural Coatings: Jul '06

SubPhase Architectural Coatings Duration: .5 months

Start Month/Year for SubPhase Asphalt: Jul '06

SubPhase Asphalt Duration: .5 months

Acres to be Paved: 0.18

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Pavers	132	0.590	8.3
1	Rollers	114	0.430	8.3

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Site Grading Fugitive Dust Emission Rate changed from 10 to 38.2

Architectural Coatings: # ROG/ft2 (residential) changed from 0.0185 to 0.00185

Architectural Coatings: # ROG/ft2 (non-res) changed from 0.0185 to 0.00185

Phase 2 mitigation measure Soil Disturbance: Apply soil stabilizers to inactive areas

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Replace ground cover in disturbed areas quickly

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 3x daily

has been changed from off to on.

Phase 2 mitigation measure Stockpiles: Cover all stock piles with tarps

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Water all haul roads 3x daily

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Reduce speed on unpaved roads to < 15 mph

has been changed from off to on.

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\AIR QUALITY DIVISION\Projects\Playa Vista 2002\Only\Construction\Int99.urb
 Project Name: Playa Vista (Offsite Improvements--Int#99 Washington Place and Centinela Ave.)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
 (Pounds/Day - Summer)

CONSTRUCTION EMISSION ESTIMATES

*** 2006 ***	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
TOTALS (lbs/day,unmitigated)	8.77	60.14	68.08	0.02	10.97	2.56	8.41
TOTALS (lbs/day, mitigated)	8.77	60.14	68.08	0.02	3.32	2.56	0.76

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\AIR QUALITY DIVISION\Projects\Playa Vista 2002\Only\Construction\Int99.urb
 Project Name: Playa Vista (Offsite Improvements--Int#99 Washington Place and Centinela Ave.)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Pounds/Day - Summer)

Construction Start Month and Year: June, 2006
 Construction Duration: 1
 Total Land Use Area to be Developed: 0.22 acres
 Maximum Acreage Disturbed Per Day: 0.22 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2006***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	0.31	-	0.31
Off-Road Diesel	4.62	36.94	32.88	-	1.71	1.71	0.00
On-Road Diesel	0.05	0.94	0.19	0.02	0.02	0.02	0.00
Worker Trips	0.06	0.10	1.84	0.00	0.01	0.00	0.01
Maximum lbs/day	4.73	37.98	34.91	0.02	2.05	1.73	0.32
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.75	-	0.75
Off-Road Diesel	5.33	39.39	40.44	-	1.77	1.77	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.06	0.10	1.84	0.00	0.01	0.00	0.01
Maximum lbs/day	5.39	39.49	42.28	0.00	2.53	1.77	0.76
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	4.31	33.79	31.16	-	1.55	1.55	0.00
Bldg Const Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	0.00	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.21	-	-	-	-	-	-
Asphalt Off-Road Diesel	4.15	25.52	35.27	-	0.99	0.99	0.00
Asphalt On-Road Diesel	0.05	0.75	0.17	0.01	0.02	0.02	0.00
Asphalt Worker Trips	0.05	0.08	1.47	0.00	0.00	0.00	0.00
Maximum lbs/day	8.77	60.14	68.08	0.01	2.57	2.56	0.01
Max lbs/day all phases	8.77	60.14	68.08	0.02	3.32	2.56	0.76

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Apply soil stabilizers to inactive areas
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 30.0%)
 Phase 2: Soil Disturbance: Replace ground cover in disturbed areas quickly
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 15.0%)
 Phase 2: Soil Disturbance: Water exposed surfaces - 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 50.0%)
 Phase 2: Stockpiles: Cover all stock piles with tarps
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 9.5%)
 Phase 2: Unpaved Roads: Water all haul roads 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 45.0%)
 Phase 2: Unpaved Roads: Reduce speed on unpaved roads to < 15 mph
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 40.0%)
 Phase 1 - Demolition Assumptions
 Start Month/Year for Phase 1: Jun '06
 Phase 1 Duration: .25 months
 Building Volume Total (cubic feet): 9292.96
 Building Volume Daily (cubic feet): 729
 On-Road Truck Travel (VMT): 42
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Other Equipment	190	0.620	8.3
2	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '06
 Phase 2 Duration: .25 months

On-Road Truck Travel (VMT): 0

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Other Equipment	190	0.620	8.3
2	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jun '06

Phase 3 Duration: .5 months

Start Month/Year for SubPhase Building: Jun '06

SubPhase Building Duration: .25 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Cranes	190	0.430	2.0
1	Other Equipment	190	0.620	8.3
1	Tractor/Loaders/Backhoes	79	0.465	8.3

Start Month/Year for SubPhase Architectural Coatings: Jun '06

SubPhase Architectural Coatings Duration: .125 months

Start Month/Year for SubPhase Asphalt: Jun '06

SubPhase Asphalt Duration: .125 months

Acres to be Paved: 0.22

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Pavers	132	0.590	8.3
1	Rollers	114	0.430	8.3

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Site Grading Fugitive Dust Emission Rate changed from 10 to 38.2

Architectural Coatings: # ROG/ft2 (residential) changed from 0.0185 to 0.00185

Architectural Coatings: # ROG/ft2 (non-res) changed from 0.0185 to 0.00185

Phase 2 mitigation measure Soil Disturbance: Apply soil stabilizers to inactive areas

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Replace ground cover in disturbed areas quickly

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 3x daily

has been changed from off to on.

Phase 2 mitigation measure Stockpiles: Cover all stock piles with tarps

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Water all haul roads 3x daily

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Reduce speed on unpaved roads to < 15 mph

has been changed from off to on.

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\VAIR QUALITY DIVISION\Projects\Playa Vista 2002\D Only\Construction\Int100.urb
 Project Name: Playa Vista (Offsite Improvements--Int#100 Overland Ave. & Culver Blvd.)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
 (Pounds/Day - Summer)

CONSTRUCTION EMISSION ESTIMATES

*** 2006 ***	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
TOTALS (lbs/day,unmitigated)	8.56	59.52	67.93	0.02	7.29	2.54	4.75
TOTALS (lbs/day, mitigated)	8.56	59.52	67.93	0.02	2.97	2.54	0.43

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\VAIR QUALITY DIVISION\Projects\Playa Vista 2002\D Only\Construction\Int100.urb
 Project Name: Playa Vista (Offsite Improvements--Int#100 Overland Ave. & Culver Blvd.)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Pounds/Day - Summer)

Construction Start Month and Year: June, 2006
 Construction Duration: 1
 Total Land Use Area to be Developed: 0.124 acres
 Maximum Acreage Disturbed Per Day: 0.124 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES MITIGATED (lbs/day)

Source	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2006***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	0.31	-	0.31
Off-Road Diesel	4.62	36.94	32.88	-	1.71	1.71	0.00
On-Road Diesel	0.05	0.94	0.19	0.02	0.02	0.02	0.00
Worker Trips	0.06	0.10	1.84	0.00	0.01	0.00	0.01
Maximum lbs/day	4.73	37.98	34.91	0.02	2.05	1.73	0.32
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.42	-	0.42
Off-Road Diesel	5.33	39.39	40.44	-	1.77	1.77	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.06	0.10	1.84	0.00	0.01	0.00	0.01
Maximum lbs/day	5.39	39.49	42.28	0.00	2.20	1.77	0.43
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	4.31	33.79	31.16	-	1.55	1.55	0.00
Bldg Const Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	0.00	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.04	-	-	-	-	-	-
Asphalt Off-Road Diesel	4.15	25.52	35.27	-	0.99	0.99	0.00
Asphalt On-Road Diesel	0.01	0.14	0.03	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.05	0.08	1.47	0.00	0.00	0.00	0.00
Maximum lbs/day	8.56	59.52	67.93	0.00	2.54	2.54	0.00
Max lbs/day all phases	8.56	59.52	67.93	0.02	2.97	2.54	0.43

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Apply soil stabilizers to inactive areas
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 30.0%)
 Phase 2: Soil Disturbance: Replace ground cover in disturbed areas quickly
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 15.0%)
 Phase 2: Soil Disturbance: Water exposed surfaces - 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 50.0%)
 Phase 2: Stockpiles: Cover all stock piles with tarps
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 9.5%)
 Phase 2: Unpaved Roads: Water all haul roads 3x daily
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 45.0%)
 Phase 2: Unpaved Roads: Reduce speed on unpaved roads to < 15 mph
 Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 40.0%)

Phase 1 - Demolition Assumptions

Start Month/Year for Phase 1: Jun '06
 Phase 1 Duration: .25 months
 Building Volume Total (cubic feet): 9292.96
 Building Volume Daily (cubic feet): 729
 On-Road Truck Travel (VMT): 42

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Other Equipment	190	0.620	8.3
2	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 2 - Site Grading Assumptions

Start Month/Year for Phase 2: Jun '06
 Phase 2 Duration: .25 months

On-Road Truck Travel (VMT): 0

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Other Equipment	190	0.620	8.3
2	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jun '06

Phase 3 Duration: .5 months

Start Month/Year for SubPhase Building: Jun '06

SubPhase Building Duration: .25 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Cranes	190	0.430	2.0
1	Other Equipment	190	0.620	8.3
1	Tractor/Loaders/Backhoes	79	0.465	8.3

Start Month/Year for SubPhase Architectural Coatings: Jun '06

SubPhase Architectural Coatings Duration: .125 months

Start Month/Year for SubPhase Asphalt: Jun '06

SubPhase Asphalt Duration: .125 months

Acres to be Paved: 0.04

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Pavers	132	0.590	8.3
1	Rollers	114	0.430	8.3

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Site Grading Fugitive Dust Emission Rate changed from 10 to 38.2

Architectural Coatings: # ROG/ft2 (residential) changed from 0.0185 to 0.00185

Architectural Coatings: # ROG/ft2 (non-res) changed from 0.0185 to 0.00185

Phase 2 mitigation measure Soil Disturbance: Apply soil stabilizers to inactive areas

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Replace ground cover in disturbed areas quickly

has been changed from off to on.

Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 3x daily

has been changed from off to on.

Phase 2 mitigation measure Stockpiles: Cover all stock piles with tarps

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Water all haul roads 3x daily

has been changed from off to on.

Phase 2 mitigation measure Unpaved Roads: Reduce speed on unpaved roads to < 15 mph

has been changed from off to on.

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\AIR QUALITY DIVISION\Projects\Playa Vista 2002\D Only\Construction\Int102.urb
 Project Name: Playa Vista (Offsite Improvements--Int#102 Sawtelle Avenue & Culver Boulevard)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
 (Pounds/Day - Summer)

CONSTRUCTION EMISSION ESTIMATES

*** 2006 ***	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
TOTALS (lbs/day,unmitigated)	8.56	59.52	67.93	0.02	4.84	2.54	2.30
TOTALS (lbs/day, mitigated)	8.56	59.52	67.93	0.02	2.86	2.54	0.32

URBEMIS 2002 For Windows 7.4.2

File Name: V:\PROJECTS\AIR QUALITY DIVISION\Projects\Playa Vista 2002\D Only\Construction\Int102.urb
 Project Name: Playa Vista (Offsite Improvements--Int#102 Sawtelle Avenue & Culver Boulevard)
 Project Location: South Coast Air Basin (Los Angeles area)
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
 (Pounds/Day - Summer)

Construction Start Month and Year: June, 2006
 Construction Duration: 1
 Total Land Use Area to be Developed: 0.06 acres
 Maximum Acreage Disturbed Per Day: 0.06 acres
 Single Family Units: 0 Multi-Family Units: 0
 Retail/Office/Institutional/Industrial Square Footage: 0

CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2006***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	0.31	-	0.31
Off-Road Diesel	4.62	36.94	32.88	-	1.71	1.71	0.00
On-Road Diesel	0.05	0.94	0.19	0.02	0.02	0.02	0.00
Worker Trips	0.06	0.10	1.84	0.00	0.01	0.00	0.01
Maximum lbs/day	4.73	37.98	34.91	0.02	2.05	1.73	0.32
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	2.29	-	2.29
Off-Road Diesel	5.33	39.39	40.44	-	1.77	1.77	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.06	0.10	1.84	0.00	0.01	0.00	0.01
Maximum lbs/day	5.39	39.49	42.28	0.00	4.07	1.77	2.30
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	4.31	33.79	31.16	-	1.55	1.55	0.00
Bldg Const Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	0.00	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.04	-	-	-	-	-	-
Asphalt Off-Road Diesel	4.15	25.52	35.27	-	0.99	0.99	0.00
Asphalt On-Road Diesel	0.01	0.14	0.03	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.05	0.08	1.47	0.00	0.00	0.00	0.00
Maximum lbs/day	8.56	59.52	67.93	0.00	2.54	2.54	0.00
Max lbs/day all phases	8.56	59.52	67.93	0.02	4.84	2.54	2.30

Phase 1 - Demolition Assumptions
 Start Month/Year for Phase 1: Jun '06
 Phase 1 Duration: .25 months
 Building Volume Total (cubic feet): 2500
 Building Volume Daily (cubic feet): 729
 On-Road Truck Travel (VMT): 42
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Other Equipment	190	0.620	8.3
2	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 2 - Site Grading Assumptions
 Start Month/Year for Phase 2: Jun '06
 Phase 2 Duration: .25 months
 On-Road Truck Travel (VMT): 0
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Other Equipment	190	0.620	8.3
2	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jun '06
 Phase 3 Duration: .5 months
 Start Month/Year for SubPhase Building: Jun '06
 SubPhase Building Duration: .25 months
 Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Cranes	190	0.430	2.0
1	Other Equipment	190	0.620	8.3
1	Tractor/Loaders/Backhoes	79	0.465	8.3

Start Month/Year for SubPhase Architectural Coatings: Jun '06

SubPhase Architectural Coatings Duration: .125 months

Start Month/Year for SubPhase Asphalt: Jun '06

SubPhase Asphalt Duration: .125 months

Acres to be Paved: 0.04

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Pavers	132	0.590	8.3
1	Rollers	114	0.430	8.3

Source	ROG	NOx	CO	S02	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2006***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	0.31	-	0.31
Off-Road Diesel	4.62	36.94	32.88	-	1.71	1.71	0.00
On-Road Diesel	0.05	0.94	0.19	0.02	0.02	0.02	0.00
Worker Trips	0.06	0.10	1.84	0.00	0.01	0.00	0.01
Maximum lbs/day	4.73	37.98	34.91	0.02	2.05	1.73	0.32
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.20	-	0.20
Off-Road Diesel	5.33	39.39	40.44	-	1.77	1.77	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.06	0.10	1.84	0.00	0.01	0.00	0.01
Maximum lbs/day	5.39	39.49	42.28	0.00	1.98	1.77	0.21
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	4.31	33.79	31.16	-	1.55	1.55	0.00
Bldg Const Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	0.00	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.04	-	-	-	-	-	-
Asphalt Off-Road Diesel	4.15	25.52	35.27	-	0.99	0.99	0.00
Asphalt On-Road Diesel	0.01	0.14	0.03	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.05	0.08	1.47	0.00	0.00	0.00	0.00
Maximum lbs/day	8.56	59.52	67.93	0.00	2.54	2.54	0.00
Max lbs/day all phases	8.56	59.52	67.93	0.02	2.86	2.54	0.32

Construction-Related Mitigation Measures

Phase 2: Soil Disturbance: Apply soil stabilizers to inactive areas
Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 30.0%)
Phase 2: Soil Disturbance: Replace ground cover in disturbed areas quickly
Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 15.0%)
Phase 2: Soil Disturbance: Water exposed surfaces - 3x daily
Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 50.0%)
Phase 2: Stockpiles: Cover all stock piles with tarps
Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 9.5%)
Phase 2: Unpaved Roads: Water all haul roads 3x daily
Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 45.0%)
Phase 2: Unpaved Roads: Reduce speed on unpaved roads to < 15 mph
Percent Reduction(ROG 0.0% NOx 0.0% CO 0.0% S02 0.0% PM10 40.0%)

Phase 1 - Demolition Assumptions
Start Month/Year for Phase 1: Jun '06
Phase 1 Duration: .25 months
Building Volume Total (cubic feet): 2500
Building Volume Daily (cubic feet): 729
On-Road Truck Travel (VMT): 42
Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Other Equipment	190	0.620	8.3
2	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 2 - Site Grading Assumptions
Start Month/Year for Phase 2: Jun '06
Phase 2 Duration: .25 months

On-Road Truck Travel (VMT): 0

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Other Equipment	190	0.620	8.3
2	Tractor/Loaders/Backhoes	79	0.465	8.3

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jun '06
Phase 3 Duration: .5 months
Start Month/Year for SubPhase Building: Jun '06
SubPhase Building Duration: .25 months

No.	Type	Horsepower	Load Factor	Hours/Day
1	Concrete/Industrial saws	84	0.730	8.3
1	Cranes	190	0.430	2.0
1	Other Equipment	190	0.620	8.3
1	Tractor/Loaders/Backhoes	79	0.465	8.3

Start Month/Year for SubPhase Architectural Coatings: Jun '06
SubPhase Architectural Coatings Duration: .125 months
Start Month/Year for SubPhase Asphalt: Jun '06
SubPhase Asphalt Duration: .125 months

No.	Type	Horsepower	Load Factor	Hours/Day
1	Graders	174	0.575	8.3
1	Pavers	132	0.590	8.3
1	Rollers	114	0.430	8.3

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths
Site Grading Fugitive Dust Emission Rate changed from 10 to 38.2
Architectural Coatings: # ROG/ft2 (residential) changed from 0.0185 to 0.00185
Architectural Coatings: # ROG/ft2 (non-res) changed from 0.0185 to 0.00185
Phase 2 mitigation measure Soil Disturbance: Apply soil stabilizers to inactive areas
has been changed from off to on.
Phase 2 mitigation measure Soil Disturbance: Replace ground cover in disturbed areas quickly
has been changed from off to on.
Phase 2 mitigation measure Soil Disturbance: Water exposed surfaces - 3x daily
has been changed from off to on.
Phase 2 mitigation measure Stockpiles: Cover all stock piles with tarps
has been changed from off to on.
Phase 2 mitigation measure Unpaved Roads: Water all haul roads 3x daily
has been changed from off to on.
Phase 2 mitigation measure Unpaved Roads: Reduce speed on unpaved roads to < 15 mph
has been changed from off to on.

E-1d

Construction Trip Calculations and Number of Workers

CONSTRUCTION WORKER TRIPS		JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION																					
33 D																						
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	19.20	19.20	19.20	19.20	19.20	19.20	19.20	19.20	19.20	19.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION																					
## B		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D	200000	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240000	115.20	115.20	115.20	115.20	115.20	115.20	115.20	115.20	115.20	115.20	115.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	72.00	72.00	72.00	72.00	72.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## C																						
## C																						
## C																						
## #	TOTALS		295.20	559.20	578.40	578.40	578.40	578.40	578.40	578.40	578.40	578.40	566.40	355.20	216.00	288.00	288.00	360.00	360.00	432.00	432.00	432.00

CONSTRUCTION WORKER TRIPS		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																							
33 D																							
44 D	PHASE 2-A AREA D OFFICE 175,000 SF 175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF 150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF 40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION																							
## B	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D 200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D 150000	72.00	72.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	72.00	72.00	72.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	72.00	72.00	72.00	72.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	72.00	72.00	72.00	72.00	72.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	72.00	72.00	72.00	72.00	72.00	72.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	72.00	72.00	72.00	72.00	72.00	72.00	72.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D 150000	0.00	0.00	0.00	0.00	0.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	0.00
## D	100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00
## D	BUILD PHASE 2D 160 UNITS AREA D 160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.80	76.80	76.80	76.80
## C																							
## C																							
## C																							
## #	TOTALS	432.00	432.00	360.00	288.00	216.00	216.00	288.00	288.00	288.00	288.00	336.00	336.00	336.00	336.00	336.00	336.00	336.00	264.00	192.00	196.80	196.80	124.80

CONSTRUCTION WORKER TRIPS		AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	Maximum	Average
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	2010 #MM	#MM	#MM	#MM		
32 F	OFFICE AND RETAIL CONSTRUCTION											
33 D												
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F	RESIDENTIAL CONSTRUCTION											
## B		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D		100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2D 160 UNITS AREA D	160000	76.80	76.80	76.80	76.80	76.80	76.80	76.80	76.80	76.80	76.80
## C												
## C												
## C												
## #	TOTALS		76.80	76.80	76.80	76.80	76.80	76.80	76.80	76.80	578	325

CONSTRUCTION MAN HOURS		JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																						
33 D																						
44 D PHASE 2-A AREA D OFFICE 175,000 SF	175000	36.75	36.75	36.75	36.75	36.75	36.75	36.75	36.75	36.75	36.75	36.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D PHASE 2A AREA D RETAIL 150,000 SF	150000	0.00	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	0.00	0.00	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION																						
## B	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2A 840 UNITS AREA D	200000	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	240000	50.40	50.40	50.40	50.40	50.40	50.40	50.40	50.40	50.40	50.40	50.40	50.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2B 900 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50
## D	150000	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	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.50	31.50	31.50	31.50	31.50	31.50
## D BUILD PHASE 2C 700 UNITS AREA D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D BUILD PHASE 2D 160 UNITS AREA D	160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## C																						
## C		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
## C																						
## #	TOTALS	129.15	244.65	253.05	253.05	253.05	253.05	253.05	253.05	253.05	253.05	253.05	247.80	155.40	94.50	126.00	126.00	157.50	157.50	189.00	189.00	189.00
## #																						

CONSTRUCTION MAN HOURS		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F OFFICE AND RETAIL CONSTRUCTION																							
33 D																							
44 D	PHASE 2-A AREA D OFFICE 175,000 SF 175000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45 D	PHASE 2A AREA D RETAIL 150,000 SF 150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF 40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47 D		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90 A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 F RESIDENTIAL CONSTRUCTION																							
## B	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2A 840 UNITS AREA D 200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	200000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	240000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	BUILD PHASE 2B 900 UNITS AREA D 150000	31.50	31.50	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	31.50	31.50	31.50	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	0.00	0.00	0.00	0.00	0.00	0.00
## D	150000	31.50	31.50	31.50	31.50	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	0.00	0.00	0.00	0.00	0.00
## D	150000	31.50	31.50	31.50	31.50	31.50	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	0.00	0.00	0.00	0.00
## D	150000	31.50	31.50	31.50	31.50	31.50	31.50	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	0.00	0.00	0.00
## D	150000	31.50	31.50	31.50	31.50	31.50	31.50	31.50	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	0.00	0.00
## D	BUILD PHASE 2C 700 UNITS AREA D 150000	0.00	0.00	0.00	0.00	0.00	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	0.00	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	0.00	0.00	0.00	0.00
## D	150000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	31.50	0.00
## D	100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00
## D	BUILD PHASE 2D 160 UNITS AREA D 160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.60	33.60	33.60	33.60
## C																							
## C																							
## C																							
## #	TOTALS	189.00	189.00	157.50	126.00	94.50	94.50	126.00	126.00	126.00	126.00	147.00	147.00	147.00	147.00	147.00	147.00	147.00	115.50	84.00	86.10	86.10	54.60
## #																							

CONSTRUCTION MAN HOURS		AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	Infrastructure	Total
DESCRIPTION		#MM	#MM	#MM	#MM	#MM	2010 #MM	#MM	#MM	#MM		
32 F	OFFICE AND RETAIL CONSTRUCTION											
33 D												
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000										
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000										
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000										
47 D												
90 A												
99 F	RESIDENTIAL CONSTRUCTION											
## B		150000										
## D	BUILD PHASE 2A 840 UNITS AREA D	200000										
## D		200000										
## D		200000										
## D		240000										
## D	BUILD PHASE 2B 900 UNITS AREA D	150000										
## D		150000										
## D		150000										
## D		150000										
## D		150000										
## D		150000										
## D	BUILD PHASE 2C 700 UNITS AREA D	150000										
## D		150000										
## D		150000										
## D		150000										
## D		100000										
## D	BUILD PHASE 2D 160 UNITS AREA D	160000										
## C												
## C												
## C												
## #	TOTALS	33.60	33.60	33.60	33.60	33.60	33.60	33.60	33.60	33.60	500.00	7895.15
## #											Total Hours:	1736933

CONSTRUCTION DELIVERY TRIPS			JAN 2006	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN 2007	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
DESCRIPTION			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	
32 F	OFFICE AND RETAIL CONSTRUCTION		0																					
33 D			0																					
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	185	28	8	26	26	17	12	17	15	19	8	9										
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	185		28	8	26	26	17	12	17	15	19	8	9									
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	185			28	8	26	26	17	12	17	15	19	8	9								
90 A																	9							
99 F	RESIDENTIAL CONSTRUCTION		0																					
134 B																								
135 D	BUILD PHASE 2A 840 UNITS	840	149	28	16	31	31	8	9	9	5	3	3	3	3									
136 D			149		28	16	31	31	8	9	9	5	3	3	3	3								
137 D			149		28	16	31	31	8	9	9	5	3	3	3	3								
138 D			149	28	16	31	31	8	9	9	5	3	3	3	3									
139 D	BUILD PHASE 2B 900 UNITS	900	149												28	16	31	31	8	9	9	5	3	3
140 D			149												28	16	31	31	8	9	9	5	3	
141 D			149													28	16	31	31	8	9	9	5	
142 D			149														28	16	31	31	8	9	9	
143 D			149															28	16	31	31	8	9	
144 D			149																28	16	31	31	8	
145 D	BUILD PHASE 2C 700 UNITS	700	149																		28	16	31	
146 D			149																					
147 D			149																					
148 D			149																					
149 D			149																					
159 D	BUILD PHASE 2D 160 UNITS	160	149																					
160 D			0																					
182 C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	
183 C																								
184 ##	Haul/Delivery Truck Trips		84	124	156	184	147	89	82	72	67	54	48	57	59	75	106	86	107	73	90	73	59	
185 ##																								
186 ##																								
187 ##	PLAYA VISTA																							
188 ##	ESTIMATED EQUIPMENT																							

CONSTRUCTION DELIVERY TRIPS			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
DESCRIPTION			#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM	#MM
32 F	OFFICE AND RETAIL CONSTRUCTION		0																					
33 D			0																					
44 D	PHASE 2-A AREA D OFFICE 175,000 SF	175000	185																					
45 D	PHASE 2A AREA D RETAIL 150,000 SF	150000	185																					
46 D	PHASE 2A AREA D COMM. SERV. 40,000 SF	40000	185																					
90 A																								
99 F	RESIDENTIAL CONSTRUCTION		0																					
134 B																								
135 D	BUILD PHASE 2A 840 UNITS	840	149																					
136 D			149																					
137 D			149																					
138 D			149																					
139 D	BUILD PHASE 2B 900 UNITS	900	149	3	3																			
140 D			149	3	3	3																		
141 D			149	3	3	3	3																	
142 D			149	5	3	3	3	3																
143 D			149	9	9	5	3	3		3														
144 D			149	31	8	9	9	5	3	3	3	3												
145 D	BUILD PHASE 2C 700 UNITS	700	149					28	16	31	31	8	9	9	5	3	3	3	3					
146 D			149						28	16	31	31	8	9	9	5	3	3	3	3				
147 D			149							28	16	31	31	8	9	9	5	3	3	3	3			
148 D			149								28	16	31	31	8	9	9	5	3	3	3	3		
149 D			149									28	16	31	31	8	9	9	5	3	3	3	3	
159 D	BUILD PHASE 2D 160 UNITS	160	149										28	16	31	31	8	9	9	5	3	3	3	
160 D			0																					
182 C			=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
183 C																								
184 ##	Haul/Delivery Truck Trips		54	29	23	18	11	34	50	78	81	98	92	73	85	56	28	27	23	14	9	34	22	34
185 ##																								
186 ##																								
187 ##	PLAYA VISTA																							
188 ##	ESTIMATED EQUIPMENT																							

DESCRIPTION

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