

Table 1: Project Description

<i>Residential Uses</i>	<i>Variable</i>	<i>Total Units</i>
Single-Family Residential	No. of Units	
Medium Density Residential (>15 units)	No. of Units	24
Multiple-Family Residential (<15 units)	No. of Units	
Mobile Home Park	No. of Units	

<i>Office Uses</i>	<i>Variable</i>	<i>Total Floor Area</i>
Office	Square Feet	
Medical Office Building	Square Feet	
Office Park	Square Feet	
Bank/Financial Services	Square Feet	

<i>Commercial Uses</i>	<i>Variable</i>	<i>Total Floor Area</i>
Specialty Retail Commercial	Square Feet	
Convenience Store	Square Feet	
Movie Theater	Square Feet	
Shopping Center	Square Feet	
Sit-Down Restaurant	Square Feet	
Fast-Food Restaurant	Square Feet	

<i>Manufacturing Uses</i>	<i>Variable</i>	<i>Total Floor Area</i>
Industrial Park	Square Feet	
Manufacturing	Square Feet	
General Light Industry	Square Feet	
Warehouse	Square Feet	

<i>Public/Institutional</i>	<i>Variable</i>	<i>Total Floor Area</i>
Public/Institutional	Square Feet	
Open Space	Square Feet	

Table 2: Projected Utility Consumption/Generation

<i>Utilities Consumption and Generation</i>	<i>Factor</i>	<i>Rates</i>
Electrical Consumption	kWh/Day	305
Natural Gas Consumption	Cu. Ft./Day	3167
Water Consumption	Gal./Day	6000
Sewage Generation	Gal./Day	4560
Solid Waste Generation	Lbs./Day	96

Table 3: Electrical Consumption

Project Component	Units of Measure	Consumption Factors	Projected Consumption
<i>Residential Uses</i>			
	<i>No. of Units</i>	<i>kWh/Unit/Year</i>	<i>kWh/Unit/Day</i>
Single-Family Residential	0	7,554.00	0.0
Medium Density Residential	24	4,644.00	305.4
Multiple-Family Residential	0	4,644.00	0.0
Mobile Home Park	0	4,644.00	0.0
<i>Office Uses</i>			
	<i>Square Feet</i>	<i>kWh/Sq. Ft./Year</i>	<i>kWh/Sq. Ft./Day</i>
Office	0	20.90	0.0
Medical Office Building	0	14.20	0.0
Office Park	0	20.90	0.0
Bank/Financial Services	0	20.90	0.0
<i>Commercial Uses</i>			
	<i>Square Feet</i>	<i>kWh/Sq. Ft./Year</i>	<i>kWh/Sq.Ft./Day</i>
Specialty Retail Commercial	0	16.00	0.0
Convenience Store	0	16.00	0.0
Movie Theater	0	16.00	0.0
Shopping Center	0	36.90	0.0
Sit-Down Restaurant	0	49.10	0.0
Fast-Food Restaurant	0	49.10	0.0
<i>Manufacturing Uses</i>			
	<i>Square Feet</i>	<i>kWh/Sq. Ft./Year</i>	<i>kWh/Sq. Ft./Day</i>
Industrial Park	0	4.90	0.0
Manufacturing	0	4.90	0.0
General Light Industry	0	4.90	0.0
Warehouse	0	4.90	0.0
<i>Public/Institutional</i>			
	<i>Square Feet</i>	<i>kWh/Sq. Ft./Year</i>	<i>kWh/Sq. Ft./Day</i>
Public/Institutional	0	4.90	0.0
Open Space	0	0.00	0.0
Total Daily Electrical Consumption (kWh/Day)			305

Source: Common Forecasting Methodology VII Demand Forms, 1969

Table 4: Natural Gas Consumption

Project Component	Units of Measure	Consumption Factors	Projected Consumption
<i>Residential Uses</i>			
	<i>No. of Units</i>	<i>Cu. Ft./Mo./Unit</i>	<i>Cu. Ft./Day</i>
Single-Family Residential	0	6,665.00	0.0
Medium Density Residential	24	4,011.50	3167.0
Multiple-Family Residential	0	4,011.50	0.0
Mobile Home Park	0	4,011.50	0.0
<i>Office Uses</i>			
	<i>Square Feet</i>	<i>Cu. Ft./Mo./Sq. Ft.</i>	<i>Cu. Ft./Day</i>
Office	0	2.00	0.0
Medical Office Building	0	2.00	0.0
Office Park	0	2.00	0.0
Bank/Financial Services	0	2.00	0.0
<i>Commercial Uses</i>			
	<i>Square Feet</i>	<i>Cu. Ft./Mo./Sq. Ft.</i>	<i>Cu. Ft./Day</i>
Specialty Retail Commercial	0	2.90	0.0
Convenience Store	0	2.90	0.0
Movie Theater	0	2.90	0.0
Shopping Center	0	2.90	0.0
Sit-Down Restaurant	0	2.90	0.0
Fast-Food Restaurant	0	2.90	0.0
<i>Manufacturing Uses</i>			
	<i>Square Feet</i>	<i>Cu. Ft./Mo./Sq. Ft.</i>	<i>Cu. Ft./Day</i>
Industrial Park	0	4.70	0.0
Manufacturing	0	4.70	0.0
General Light Industry	0	4.70	0.0
Warehouse	0	4.70	0.0
<i>Public/Institutional</i>			
	<i>Square Feet</i>	<i>Cu. Ft./Mo./Sq. Ft.</i>	<i>Cu. Ft./Day</i>
Public/Institutional	0	2.90	0.0
Open Space	0	2.90	0.0
Total Daily Natural Gas Consumption (Cu. Ft./Day)			3167

Source: South Coast Air Quality Management District, CEQA Air Quality Handbook, April 1993

Table 5: Water Consumption

Project Component	Units of Measure	Consumption Factors	Projected Consumption
<i>Residential Uses</i>			
	<i>No. of Units</i>	<i>Gal./Day/Unit</i>	<i>Gal./Day</i>
Single-Family Residential	0	450.00	0.0
Medium Density Residential	24	250.00	6000.0
Multiple-Family Residential	0	200.00	0.0
Mobile Home Park	0	260.00	0.0
<i>Office Uses</i>			
	<i>Square Feet</i>	<i>Gal./Day/Sq. Ft.</i>	<i>Gal./Day</i>
Office	0	0.14	0.0
Medical Office Building	0	0.14	0.0
Office Park	0	0.14	0.0
Bank/Financial Services	0	0.14	0.0
<i>Commercial Uses</i>			
	<i>Square Feet</i>	<i>Gal./Day/Sq. Ft.</i>	<i>Gal./Day</i>
Specialty Retail Commercial	0	0.10	0.0
Convenience Store	0	0.10	0.0
Movie Theater	0	0.10	0.0
Shopping Center	0	0.10	0.0
Sit-Down Restaurant	0	0.11	0.0
Fast-Food Restaurant	0	0.11	0.0
<i>Manufacturing Uses</i>			
	<i>Square Feet</i>	<i>Gal./Day/Sq. Ft.</i>	<i>Gal./Day</i>
Industrial Park	0	0.14	0.0
Manufacturing	0	0.14	0.0
General Light Industry	0	0.14	0.0
Warehouse	0	0.14	0.0
<i>Public/Institutional</i>			
	<i>Square Feet</i>	<i>Gal./Day/Sq. Ft.</i>	<i>Gal./Day</i>
Public/Institutional	0	0.10	0.0
Open Space	0	0.10	0.0
Total Daily Water Consumption (Gal./Day)			6000

Source: Derived from Orange County Sanitation District Rates

Table 6: Sewage Generation

Project Component	Units of Measure	Consumption Factors	Projected Consumption
<i>Residential Uses</i>			
	<i>No. of Units</i>	<i>Gal./Day/Unit</i>	<i>Gal./Day</i>
Single-Family Residential	0	190.00	0.0
Medium Density Residential	24	190.00	4560.0
Multiple-Family Residential	0	190.00	0.0
Mobile Home Park	0	190.00	0.0
<i>Office Uses</i>			
	<i>Square Feet</i>	<i>Gal./Day/ 1000 Sq. Ft.</i>	<i>Gal./Day</i>
Office	0	200.00	0.0
Medical Office Building	0	200.00	0.0
Office Park	0	200.00	0.0
Bank/Financial Services	0	200.00	0.0
<i>Commercial Uses</i>			
	<i>Square Feet</i>	<i>Gal./Day/ 1000 Sq. Ft.</i>	<i>Gal./Day</i>
Specialty Retail Commercial	0	50.00	0.0
Convenience Store	0	50.00	0.0
Movie Theater	0	50.00	0.0
Shopping Center	0	50.00	0.0
Sit-Down Restaurant	0	50.00	0.0
Fast-Food Restaurant	0	50.00	0.0
<i>Manufacturing Uses</i>			
	<i>Square Feet</i>	<i>Gal./Day/ 1000 Sq. Ft.</i>	<i>Gal./Day</i>
Industrial Park	0	100.00	0.0
Manufacturing	0	100.00	0.0
General Light Industry	0	100.00	0.0
Warehouse	0	100.00	0.0
<i>Public/Institutional</i>			
	<i>Square Feet</i>	<i>Gal./Day/ 1000 Sq. Ft.</i>	<i>Gal./Day</i>
Public/Institutional	0	75.00	0.0
Open Space	0	75.00	0.0
Total Daily Sewage Generation (Gal./Day)			4560

Source: Orange County Sanitation Districts, 1994

Table 7: Solid Waste Generation

Project Component	Units of Measure	Consumption Factors	Projected Consumption
<i>Residential Uses</i>			
	<i>No. of Units</i>	<i>Lbs./Day/Unit</i>	<i>Lbs./Day</i>
Single-Family Residential	0	4.00	0.0
Medium Density Residential	24	4.00	96.0
Multiple-Family Residential	0	4.00	0.0
Mobile Home Park	0	4.00	0.0
<i>Office Uses</i>			
	<i>Square Feet</i>	<i>Lbs./Day/ 1000 Sq. Ft.</i>	<i>Lbs./Day</i>
Office	0	6.00	0.0
Medical Office Building	0	6.00	0.0
Office Park	0	6.00	0.0
Bank/Financial Services	0	6.00	0.0
<i>Commercial Uses</i>			
	<i>Square Feet</i>	<i>Lbs./Day/ 1000 Sq. Ft.</i>	<i>Lbs./Day</i>
Specialty Retail Commercial	0	42.00	0.0
Convenience Store	0	42.00	0.0
Movie Theater	0	6.00	0.0
Shopping Center	0	6.00	0.0
Sit-Down Restaurant	0	6.00	0.0
Fast-Food Restaurant	0	42.00	0.0
<i>Manufacturing Uses</i>			
	<i>Square Feet</i>	<i>Lbs./Day/ 1000 Sq. Ft.</i>	<i>Lbs./Day</i>
Industrial Park	0	6.00	0.0
Manufacturing	0	6.00	0.0
General Light Industry	0	6.00	0.0
Warehouse	0	6.00	0.0
<i>Public/Institutional</i>			
	<i>Square Feet</i>	<i>Lbs./Day/ 1000 Sq. Ft.</i>	<i>Lbs./Day</i>
Public/Institutional	0	4.00	0.0
Open Space	0	3.00	0.0
Total Daily Waste Generation (Lbs./Day)			96

Source: City of Los Angeles Average Solid Waste Generation Rates, April 1961