

**Newhall Alternative D-2 Operational Emissions - Indirect
Unmitigated**

Winter Emissions

| | Pounds/day | | | | | |
|--|-----------------|---------------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 23.89 | 312.21 | 152.98 | 0.00 | 0.59 | 0.59 |
| Hearth | 8.23 | 140.59 | 59.82 | 0.90 | 11.37 | 11.25 |
| Landscaping | | No Winter Emissions | | | | |
| Consumer Products | 1,071.40 | - | - | - | - | - |
| Architectural Coatings | 96.35 | - | - | - | - | - |
| Total Area Source Emissions | 1,199.87 | 452.80 | 212.80 | 0.90 | 11.96 | 11.84 |
| Mobile Sources | | | | | | |
| Single family housing | 230.71 | 232.38 | 2,084.46 | 5.52 | 1,083.44 | 210.10 |
| Condo/townhouse | 246.51 | 244.09 | 2,189.50 | 5.80 | 1,138.03 | 220.69 |
| Elementary/Middle school | 24.24 | 14.01 | 123.86 | 0.32 | 63.24 | 12.26 |
| High school | 12.00 | 8.35 | 72.41 | 0.19 | 38.44 | 7.44 |
| Golf Course | 2.60 | 2.39 | 20.74 | 0.06 | 10.95 | 2.12 |
| Developed Park | 0.40 | 0.30 | 2.62 | 0.01 | 1.38 | 0.27 |
| Commercial Center (10-30 ac) | 177.95 | 166.79 | 1,453.91 | 3.77 | 745.95 | 144.58 |
| Commercial Shops | 11.15 | 9.50 | 83.68 | 0.21 | 41.46 | 8.05 |
| Business Park | 36.96 | 36.82 | 325.89 | 0.87 | 172.01 | 33.34 |
| Commercial Office | 59.98 | 60.27 | 533.39 | 1.43 | 281.53 | 54.56 |
| Total Mobile Source Emissions | 802.50 | 774.90 | 6,890.46 | 18.18 | 3,576.43 | 693.41 |
| Total Winter Operational Emissions | 2,002.37 | 1,227.70 | 7,103.26 | 19.08 | 3,588.39 | 705.25 |
| Total Winter Operational Emissions Plus Entrada and VCC | 2,277.02 | 1,411.70 | 8,429.48 | 22.61 | 4,272.95 | 838.66 |

Summer Emissions

| | Pounds/day | | | | | |
|--|-----------------|---------------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 23.89 | 312.21 | 152.98 | 0.00 | 0.59 | 0.59 |
| Hearth | | No Summer Emissions | | | | |
| Landscaping | 74.37 | 4.75 | 419.28 | 0.02 | 1.12 | 1.11 |
| Consumer Products | 1,071.40 | - | - | - | - | - |
| Architectural Coatings | 96.35 | - | - | - | - | - |
| Total Area Source Emissions | 1,266.01 | 316.96 | 572.26 | 0.02 | 1.71 | 1.70 |
| Mobile Sources | | | | | | |
| Single family housing | 218.01 | 193.29 | 2,226.36 | 6.65 | 1,083.44 | 210.10 |
| Condo/townhouse | 237.16 | 203.03 | 2,338.54 | 6.99 | 1,138.03 | 220.69 |
| Elementary/Middle school | 31.27 | 11.68 | 130.41 | 0.39 | 63.24 | 12.26 |
| High school | 14.81 | 6.96 | 76.73 | 0.23 | 38.44 | 7.44 |
| Golf Course | 2.53 | 2.00 | 21.89 | 0.07 | 10.95 | 2.12 |
| Developed Park | 0.46 | 0.25 | 2.77 | 0.01 | 1.38 | 0.27 |
| Commercial Center (10-30 ac) | 154.39 | 139.17 | 1,519.68 | 4.55 | 745.95 | 144.58 |
| Commercial Shops | 9.71 | 7.94 | 86.58 | 0.25 | 41.46 | 8.05 |
| Business Park | 34.77 | 30.63 | 349.23 | 1.05 | 172.01 | 33.34 |
| Commercial Office | 55.90 | 50.13 | 571.58 | 1.72 | 281.53 | 54.56 |
| Total Mobile Source Emissions | 759.01 | 645.08 | 7,323.77 | 21.91 | 3,576.43 | 693.41 |
| Total Summer Operational Emissions | 2,025.02 | 962.04 | 7,896.03 | 21.93 | 3,578.14 | 695.11 |
| Total Summer Operational Emissions Plus Entrada and VCC | 2,294.42 | 1,110.83 | 9,328.86 | 26.11 | 4,261.92 | 827.75 |

**Newhall Alternative D-3 Operational Emissions - Indirect
Unmitigated**

Winter Emissions

| | Pounds/day | | | | | |
|--|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 23.47 | 306.79 | 150.47 | 0.00 | 0.58 | 0.58 |
| Hearth | 8.07 | 137.87 | 58.67 | 0.88 | 11.15 | 11.03 |
| Landscaping | No Winter Emissions | | | | | |
| Consumer Products | 1,048.21 | - | - | - | - | - |
| Architectural Coatings | 95.04 | - | - | - | - | - |
| Total Area Source Emissions | 1,174.79 | 444.66 | 209.14 | 0.88 | 11.73 | 11.61 |
| Mobile Sources | | | | | | |
| Single family housing | 228.41 | 230.04 | 2,063.47 | 5.47 | 1,072.53 | 207.98 |
| Condo/townhouse | 238.37 | 236.00 | 2,116.96 | 5.61 | 1,100.33 | 213.37 |
| Elementary/Middle school | 24.27 | 14.04 | 124.12 | 0.32 | 63.37 | 12.29 |
| High school | 12.02 | 8.37 | 72.56 | 0.19 | 38.53 | 7.46 |
| Golf Course | 2.60 | 2.40 | 20.78 | 0.06 | 10.97 | 2.12 |
| Developed Park | 0.40 | 0.30 | 2.63 | 0.01 | 1.39 | 0.27 |
| Commercial Center (10-30 ac) | 176.91 | 165.82 | 1,445.45 | 3.75 | 741.61 | 143.73 |
| Commercial Shops | 11.18 | 9.52 | 83.86 | 0.21 | 41.55 | 8.06 |
| Business Park | 36.07 | 35.94 | 318.07 | 0.85 | 167.88 | 32.54 |
| Commercial Office | 59.69 | 59.98 | 530.89 | 1.42 | 280.21 | 54.30 |
| Total Mobile Source Emissions | 789.92 | 762.41 | 6,778.79 | 17.89 | 3,518.37 | 682.12 |
| Total Winter Operational Emissions | 1,964.71 | 1,207.07 | 6,987.93 | 18.77 | 3,530.10 | 693.73 |
| Total Winter Operational Emissions Plus Entrada and | 2,194.24 | 1,369.12 | 8,195.64 | 21.99 | 4,154.68 | 815.28 |

Summer Emissions

| | Pounds/day | | | | | |
|--|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 23.47 | 306.79 | 150.47 | 0.00 | 0.58 | 0.58 |
| Hearth | No Summer Emissions | | | | | |
| Landscaping | 73.74 | 4.71 | 415.8 | 0.02 | 1.11 | 1.10 |
| Consumer Products | 1,048.21 | - | - | - | - | - |
| Architectural Coatings | 95.04 | - | - | - | - | - |
| Total Area Source Emissions | 1,240.46 | 311.50 | 566.27 | 0.02 | 1.69 | 1.68 |
| Mobile Sources | | | | | | |
| Single family housing | 215.87 | 191.35 | 2,203.94 | 6.59 | 1072.53 | 207.98 |
| Condo/townhouse | 229.36 | 196.31 | 2,261.06 | 6.76 | 1100.33 | 213.37 |
| Elementary/Middle school | 31.29 | 11.71 | 130.69 | 0.39 | 63.37 | 12.29 |
| High school | 14.82 | 6.97 | 76.90 | 0.23 | 38.53 | 7.46 |
| Golf Course | 2.54 | 2.00 | 21.94 | 0.07 | 10.97 | 2.12 |
| Developed Park | 0.46 | 0.25 | 2.77 | 0.01 | 1.39 | 0.27 |
| Commercial Center (10-30 ac) | 153.48 | 138.36 | 1510.83 | 4.52 | 741.61 | 143.73 |
| Commercial Shops | 9.73 | 7.96 | 86.76 | 0.25 | 41.55 | 8.06 |
| Business Park | 33.93 | 29.89 | 340.85 | 1.03 | 167.88 | 32.54 |
| Commercial Office | 55.62 | 49.89 | 568.9 | 1.72 | 280.21 | 54.30 |
| Total Mobile Source Emissions | 747.10 | 634.69 | 7,204.64 | 21.57 | 3,518.37 | 682.12 |
| Total Summer Operational Emissions | 1,987.56 | 946.19 | 7,770.91 | 21.59 | 3,520.06 | 683.80 |
| Total Summer Operational Emissions Plus Entrada and | 2,212.50 | 1,078.50 | 9,078.57 | 25.41 | 4,144.13 | 804.85 |

**Newhall Alternative D-4 Operational Emissions - Indirect
Unmitigated**

Winter Emissions

| | Pounds/day | | | | | |
|--|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 23.72 | 310.00 | 151.88 | 0.00 | 0.59 | 0.58 |
| Hearth | 8.17 | 139.59 | 59.40 | 0.89 | 11.29 | 11.17 |
| Landscaping | No Winter Emissions | | | | | |
| Consumer Products | 1,062.99 | - | - | - | - | - |
| Architectural Coatings | 95.72 | - | - | - | - | - |
| Total Area Source Emissions | 1,190.60 | 449.59 | 211.28 | 0.89 | 11.88 | 11.75 |
| Mobile Sources | | | | | | |
| Single family housing | 229.93 | 231.60 | 2,077.43 | 5.50 | 1,079.78 | 209.39 |
| Condo/townhouse | 243.83 | 241.44 | 2,165.76 | 5.74 | 1,125.70 | 218.29 |
| Elementary/Middle school | 24.23 | 14.01 | 123.81 | 0.32 | 63.21 | 12.26 |
| High school | 12.00 | 8.35 | 72.38 | 0.19 | 38.43 | 7.44 |
| Golf Course | 2.60 | 2.39 | 20.73 | 0.06 | 10.94 | 2.12 |
| Developed Park | 0.40 | 0.30 | 2.62 | 0.01 | 1.38 | 0.27 |
| Commercial Center (10-30 ac) | 175.71 | 164.70 | 1,435.61 | 3.72 | 736.56 | 142.76 |
| Commercial Shops | 11.15 | 9.50 | 83.65 | 0.21 | 41.45 | 8.04 |
| Business Park | 36.84 | 36.70 | 324.80 | 0.87 | 171.43 | 33.22 |
| Commercial Office | 59.32 | 59.61 | 527.55 | 1.41 | 278.44 | 53.96 |
| Total Mobile Source Emissions | 796.01 | 768.60 | 6,834.34 | 18.03 | 3,547.32 | 687.75 |
| Total Winter Operational Emissions | 1,986.61 | 1,218.19 | 7,045.62 | 18.92 | 3,559.20 | 699.50 |
| Total Winter Operational Emissions Plus Entrada | 2,114.64 | 1,302.34 | 7,573.46 | 20.31 | 3,823.68 | 751.28 |

Summer Emissions

| | Pounds/day | | | | | |
|--|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 23.72 | 310.00 | 151.88 | 0.00 | 0.59 | 0.58 |
| Hearth | No Summer Emissions | | | | | |
| Landscaping | 74.11 | 4.74 | 417.81 | 0.02 | 1.12 | 1.11 |
| Consumer Products | 1,062.99 | - | - | - | - | - |
| Architectural Coatings | 95.72 | - | - | - | - | - |
| Total Area Source Emissions | 1,256.54 | 314.74 | 569.69 | 0.02 | 1.71 | 1.69 |
| Mobile Sources | | | | | | |
| Single family housing | 217.27 | 192.64 | 2,218.85 | 6.63 | 1,079.78 | 209.39 |
| Condo/townhouse | 234.57 | 200.83 | 2,313.19 | 6.91 | 1,125.70 | 218.29 |
| Elementary/Middle school | 31.26 | 11.68 | 130.36 | 0.39 | 63.21 | 12.26 |
| High school | 14.81 | 6.95 | 76.70 | 0.23 | 38.43 | 7.44 |
| Golf Course | 2.53 | 1.99 | 21.89 | 0.07 | 10.94 | 2.12 |
| Developed Park | 0.46 | 0.25 | 2.77 | 0.01 | 1.38 | 0.27 |
| Commercial Center (10-30 ac) | 152.45 | 137.42 | 1,500.55 | 4.49 | 736.56 | 142.76 |
| Commercial Shops | 9.70 | 7.94 | 86.54 | 0.25 | 41.45 | 8.04 |
| Business Park | 34.66 | 30.52 | 348.06 | 1.05 | 171.43 | 33.22 |
| Commercial Office | 55.29 | 49.58 | 565.32 | 1.71 | 278.44 | 53.96 |
| Total Mobile Source Emissions | 753.00 | 639.80 | 7,264.23 | 21.74 | 3,547.32 | 687.75 |
| Total Summer Operational Emissions | 2,009.54 | 954.54 | 7,833.92 | 21.76 | 3,549.03 | 689.44 |
| Total Summer Operational Emissions Plus Entrada | 2,135.76 | 1,021.90 | 8,412.09 | 23.38 | 3,812.99 | 740.71 |

**Newhall Alternative D-5 Operational Emissions - Indirect
Unmitigated**

Winter Emissions

| | Pounds/day | | | | | |
|--|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 23.20 | 303.28 | 148.77 | 0.00 | 0.58 | 0.57 |
| Hearth | 7.97 | 136.28 | 57.99 | 0.87 | 11.02 | 10.9 |
| Landscaping | No Winter Emissions | | | | | |
| Consumer Products | 1,036.05 | - | - | - | - | - |
| Architectural Coatings | 94.04 | - | - | - | - | - |
| Total Area Source Emissions | 1,161.26 | 439.56 | 206.76 | 0.87 | 11.60 | 11.47 |
| Mobile Sources | | | | | | |
| Single family housing | 225.77 | 227.38 | 2,039.58 | 5.40 | 1,060.11 | 205.57 |
| Condo/townhouse | 235.55 | 233.20 | 2,091.85 | 5.54 | 1,087.27 | 210.84 |
| Elementary/Middle school | 24.27 | 14.04 | 124.15 | 0.32 | 63.38 | 12.29 |
| High school | 12.02 | 8.37 | 72.58 | 0.19 | 38.53 | 7.46 |
| Golf Course | 2.60 | 2.40 | 20.79 | 0.06 | 10.97 | 2.12 |
| Developed Park | 0.40 | 0.30 | 2.63 | 0.01 | 1.39 | 0.27 |
| Commercial Center (10-30 ac) | 174.90 | 163.94 | 1,429.05 | 3.70 | 733.19 | 142.10 |
| Commercial Shops | 11.18 | 9.53 | 83.88 | 0.21 | 41.56 | 8.06 |
| Business Park | 35.42 | 35.29 | 312.37 | 0.84 | 164.87 | 31.95 |
| Commercial Office | 59.10 | 59.39 | 525.65 | 1.41 | 277.45 | 53.77 |
| Total Mobile Source Emissions | 781.21 | 753.84 | 6,702.53 | 17.68 | 3,478.72 | 674.43 |
| Total Winter Operational Emissions | 1,942.47 | 1,193.40 | 6,909.29 | 18.55 | 3,490.32 | 685.90 |
| Total Winter Operational Emissions Plus Entrada | 2,055.02 | 1,267.95 | 7,387.77 | 19.80 | 3,730.10 | 732.79 |

Summer Emissions

| | Pounds/day | | | | | |
|--|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 23.20 | 303.28 | 148.77 | 0.00 | 0.58 | 0.57 |
| Hearth | No Summer Emissions | | | | | |
| Landscaping | 72.91 | 4.66 | 411.20 | 0.02 | 1.10 | 1.09 |
| Consumer Products | 1,036.05 | - | - | - | - | - |
| Architectural Coatings | 94.04 | - | - | - | - | - |
| Total Area Source Emissions | 1,226.20 | 307.94 | 559.97 | 0.02 | 1.68 | 1.66 |
| Mobile Sources | | | | | | |
| Single family housing | 213.37 | 189.13 | 2,178.42 | 6.51 | 1,060.11 | 205.57 |
| Condo/townhouse | 226.65 | 193.98 | 2,234.24 | 6.68 | 1,087.27 | 210.84 |
| Elementary/Middle school | 31.30 | 11.71 | 130.72 | 0.39 | 63.38 | 12.29 |
| High school | 14.82 | 6.97 | 76.91 | 0.23 | 38.53 | 7.46 |
| Golf Course | 2.54 | 2.00 | 21.94 | 0.07 | 10.97 | 2.12 |
| Developed Park | 0.46 | 0.25 | 2.77 | 0.01 | 1.39 | 0.27 |
| Commercial Center (10-30 ac) | 151.74 | 136.79 | 1,493.69 | 4.47 | 733.19 | 142.10 |
| Commercial Shops | 9.73 | 7.96 | 86.78 | 0.25 | 41.56 | 8.06 |
| Business Park | 33.32 | 29.36 | 334.73 | 1.01 | 164.87 | 31.95 |
| Commercial Office | 55.07 | 49.40 | 563.29 | 1.70 | 277.45 | 53.77 |
| Total Mobile Source Emissions | 739.00 | 627.55 | 7,123.49 | 21.32 | 3,478.72 | 674.43 |
| Total Summer Operational Emissions | 1,965.20 | 935.49 | 7,683.46 | 21.34 | 3,480.40 | 676.09 |
| Total Summer Operational Emissions Plus Entrada | 2,074.20 | 995.37 | 8,199.21 | 22.81 | 3,719.74 | 722.55 |

**Newhall Alternative D-6 Operational Emissions - Indirect
Unmitigated**

Winter Emissions

| | Pounds/day | | | | | |
|--|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 22.75 | 297.32 | 145.96 | 0.00 | 0.56 | 0.56 |
| Hearth | 7.81 | 133.46 | 56.79 | 0.85 | 10.79 | 10.68 |
| Landscaping | No Winter Emissions | | | | | |
| Consumer Products | 1,015.07 | - | - | - | - | - |
| Architectural Coatings | 92.49 | - | - | - | - | - |
| Total Area Source Emissions | 1,138.12 | 430.78 | 202.75 | 0.85 | 11.35 | 11.24 |
| Mobile Sources | | | | | | |
| Single family housing | 220.54 | 222.10 | 1,992.26 | 5.28 | 1,035.51 | 200.81 |
| Condo/townhouse | 231.12 | 228.81 | 2,052.45 | 5.44 | 1,066.80 | 206.87 |
| Elementary/Middle school | 24.28 | 14.05 | 124.24 | 0.32 | 63.43 | 12.30 |
| High school | 12.03 | 8.38 | 72.63 | 0.19 | 38.56 | 7.47 |
| Golf Course | 2.60 | 2.40 | 20.80 | 0.06 | 10.98 | 2.13 |
| Developed Park | 0.40 | 0.30 | 2.63 | 0.01 | 1.39 | 0.27 |
| Commercial Center (10-30 ac) | 171.41 | 160.68 | 1,400.59 | 3.63 | 718.59 | 139.27 |
| Commercial Shops | 11.19 | 9.53 | 83.94 | 0.21 | 41.59 | 8.07 |
| Business Park | 36.02 | 35.89 | 317.66 | 0.85 | 167.66 | 32.49 |
| Commercial Office | 57.23 | 57.52 | 509.11 | 1.36 | 268.72 | 52.08 |
| Total Mobile Source Emissions | 766.82 | 739.66 | 6,576.31 | 17.35 | 3,413.23 | 661.76 |
| Total Winter Operational Emissions | 1,904.94 | 1,170.44 | 6,779.06 | 18.20 | 3,424.58 | 673.00 |
| Total Winter Operational Emissions Plus Entrada | 1,981.64 | 1,229.82 | 7,190.83 | 19.26 | 3,630.95 | 713.23 |

Summer Emissions

| | Pounds/day | | | | | |
|--|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 22.75 | 297.32 | 145.96 | 0.00 | 0.56 | 0.56 |
| Hearth | No Summer Emissions | | | | | |
| Landscaping | 71.28 | 4.56 | 402.19 | 0.02 | 1.08 | 1.07 |
| Consumer Products | 1,015.07 | - | - | - | - | - |
| Architectural Coatings | 92.49 | - | - | - | - | - |
| Total Area Source Emissions | 1,201.59 | 301.88 | 548.15 | 0.02 | 1.64 | 1.63 |
| Mobile Sources | | | | | | |
| Single family housing | 208.44 | 184.74 | 2,127.88 | 6.36 | 1,035.51 | 200.81 |
| Condo/townhouse | 222.40 | 190.32 | 2,192.17 | 6.55 | 1,066.80 | 206.87 |
| Elementary/Middle school | 31.31 | 11.72 | 130.81 | 0.39 | 63.43 | 12.30 |
| High school | 14.83 | 6.98 | 76.97 | 0.23 | 38.56 | 7.47 |
| Golf Course | 2.54 | 2.00 | 21.96 | 0.07 | 10.98 | 2.13 |
| Developed Park | 0.46 | 0.25 | 2.77 | 0.01 | 1.39 | 0.27 |
| Commercial Center (10-30 ac) | 148.71 | 134.07 | 1,463.94 | 4.38 | 718.59 | 139.27 |
| Commercial Shops | 9.73 | 7.96 | 86.84 | 0.25 | 41.59 | 8.07 |
| Business Park | 33.88 | 29.85 | 340.41 | 1.03 | 167.66 | 32.49 |
| Commercial Office | 53.33 | 47.85 | 545.57 | 1.65 | 268.72 | 52.08 |
| Total Mobile Source Emissions | 725.63 | 615.74 | 6,989.32 | 20.92 | 3,413.23 | 661.76 |
| Total Summer Operational Emissions | 1,927.22 | 917.62 | 7,537.47 | 20.94 | 3,414.87 | 663.39 |
| Total Summer Operational Emissions Plus Entrada | 2,000.33 | 966.48 | 7,982.82 | 22.19 | 3,621.04 | 703.42 |

**Newhall Alternative D-7 Operational Emissions - Indirect
Unmitigated**

Winter Emissions

| | Pounds/day | | | | | |
|--|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 18.63 | 243.31 | 117.88 | 0.00 | 0.46 | 0.46 |
| Hearth | 6.51 | 111.20 | 47.32 | 0.71 | 8.99 | 8.9 |
| Landscaping | No Winter Emissions | | | | | |
| Consumer Products | 844.96 | - | - | - | - | - |
| Architectural Coatings | 74.94 | - | - | - | - | - |
| Total Area Source Emissions | 945.04 | 354.51 | 165.20 | 0.71 | 9.45 | 9.36 |
| Mobile Sources | | | | | | |
| Single family housing | 187.72 | 189.30 | 1,698.01 | 4.50 | 882.57 | 171.15 |
| Condo/townhouse | 194.76 | 193.12 | 1,732.31 | 4.59 | 900.40 | 174.60 |
| Elementary/Middle school | 23.85 | 13.63 | 120.53 | 0.31 | 61.54 | 11.93 |
| High school | 11.79 | 8.13 | 70.46 | 0.19 | 37.41 | 7.24 |
| Golf Course | 2.54 | 2.33 | 20.18 | 0.05 | 10.65 | 2.06 |
| Developed Park | 0.39 | 0.29 | 2.55 | 0.01 | 1.35 | 0.26 |
| Commercial Center (10-30 ac) | 108.18 | 101.34 | 883.39 | 2.29 | 453.24 | 87.84 |
| Commercial Shops | 10.86 | 9.25 | 81.43 | 0.20 | 40.35 | 7.83 |
| Business Park | 28.99 | 28.82 | 255.07 | 0.68 | 134.63 | 26.09 |
| Commercial Office | 35.75 | 35.86 | 317.39 | 0.85 | 167.52 | 32.47 |
| Total Mobile Source Emissions | 604.83 | 582.07 | 5,181.32 | 13.67 | 2,689.66 | 521.47 |
| Total Winter Operational Emissions | 1,549.87 | 936.58 | 5,346.52 | 14.38 | 2,699.11 | 530.83 |
| Total Winter Operational Emissions Plus Entrada | 1,626.37 | 981.57 | 5,597.65 | 15.05 | 2,824.69 | 555.58 |

Summer Emissions

| | Pounds/day | | | | | |
|--|---------------------|-----------------|-----------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 18.63 | 243.31 | 117.88 | 0.00 | 0.46 | 0.46 |
| Hearth | No Summer Emissions | | | | | |
| Landscaping | 59.84 | 3.85 | 338.89 | 0.02 | 0.91 | 0.90 |
| Consumer Products | 844.96 | - | - | - | - | - |
| Architectural Coatings | 74.94 | - | - | - | - | - |
| Total Area Source Emissions | 998.37 | 247.16 | 456.77 | 0.02 | 1.37 | 1.36 |
| Mobile Sources | | | | | | |
| Single family housing | 177.17 | 157.46 | 1,813.60 | 5.42 | 882.57 | 171.15 |
| Condo/townhouse | 187.10 | 160.64 | 1,850.24 | 5.53 | 900.40 | 174.60 |
| Elementary/Middle school | 30.94 | 11.37 | 126.91 | 0.38 | 61.54 | 11.93 |
| High school | 14.63 | 6.77 | 74.67 | 0.23 | 37.41 | 7.24 |
| Golf Course | 2.48 | 1.94 | 21.30 | 0.06 | 10.65 | 2.06 |
| Developed Park | 0.46 | 0.25 | 2.69 | 0.01 | 1.35 | 0.26 |
| Commercial Center (10-30 ac) | 93.92 | 84.56 | 923.35 | 2.76 | 453.24 | 87.84 |
| Commercial Shops | 9.46 | 7.73 | 84.25 | 0.25 | 40.35 | 7.83 |
| Business Park | 27.33 | 23.97 | 273.34 | 0.82 | 134.63 | 26.09 |
| Commercial Office | 33.39 | 29.83 | 340.12 | 1.03 | 167.52 | 32.47 |
| Total Mobile Source Emissions | 576.88 | 484.52 | 5,510.47 | 16.49 | 2,689.66 | 521.47 |
| Total Summer Operational Emissions | 1,575.25 | 731.68 | 5,967.24 | 16.51 | 2,691.03 | 522.83 |
| Total Summer Operational Emissions Plus Entrada | 1,653.81 | 766.52 | 6,255.82 | 17.27 | 2,816.20 | 547.18 |

**Valencia Commerce Center (VCC) Operational Emissions 2030
Unmitigated**

Winter Emissions

| | Pounds/day | | | | | |
|---|---------------------|-----------------|---------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 0.06 | 0.81 | 0.68 | 0.00 | 0.00 | 0.00 |
| Hearth | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Landscaping | No Winter Emissions | | | | | |
| Consumer Products | 0.00 | - | - | - | - | - |
| Architectural Coatings | 23.00 | - | - | - | - | - |
| Total Area Source Emissions | 23.06 | 0.81 | 0.68 | 0.00 | 0.00 | 0.00 |
| Mobile Sources | | | | | | |
| Industrial Park | 78.44 | 77.09 | 679.19 | 1.83 | 360.10 | 69.77 |
| Total Mobile Source Emissions | 78.44 | 77.09 | 679.19 | 1.83 | 360.10 | 69.77 |
| Total Winter Operational Emissions | 101.50 | 77.90 | 679.87 | 1.83 | 360.10 | 69.77 |

Summer Emissions

| | Pounds/day | | | | | |
|---|---------------------|-----------------|---------------|-----------------|------------------|-------------------|
| | VOC | NO _x | CO | SO ₂ | PM ₁₀ | PM _{2.5} |
| Area Sources | | | | | | |
| Natural Gas | 0.06 | 0.81 | 0.68 | 0.00 | 0.00 | 0.00 |
| Hearth | No Summer Emissions | | | | | |
| Landscaping | 0.12 | 0.02 | 1.55 | 0.00 | 0.01 | 0.01 |
| Consumer Products | 0.00 | - | - | - | - | - |
| Architectural Coatings | 23 | - | - | - | - | - |
| Total Area Source Emissions | 23.18 | 0.83 | 2.23 | 0.00 | 0.01 | 0.01 |
| Mobile Sources | | | | | | |
| Industrial Park | 75.54 | 64.12 | 727.26 | 2.20 | 360.10 | 69.77 |
| Total Mobile Source Emissions | 75.54 | 64.12 | 727.26 | 2.20 | 360.10 | 69.77 |
| Total Summer Operational Emissions | 98.72 | 64.95 | 729.49 | 2.20 | 360.11 | 69.78 |