

APPENDIX A

AIR QUALITY AND GREENHOUSE GAS ANALYSIS



MEMORANDUM

To: Dana Privitt, AICP, Project Manager

From: Ace Malisos
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Date: November 23, 2020

Subject: Raising Cane's Palm Springs Project – Air Quality and Greenhouse Gas Emissions

Purpose

The purpose of this memorandum is to identify the air quality and greenhouse gas (GHG) emissions associated with construction and operations of the proposed Raising Cane's restaurant and Starbucks Coffee Project (Project), located at 5601 East Ramon Road, in the City of Palm Springs, California.

Project Location and Description

The approximately 2.3-acre Project site is located on the north east corner of San Luis Rey Drive and Ramon Road in the City of Palm Springs. The site is bounded by San Luis Rey Drive to the west, Ramon Road to the north, Del Taco to the east, and Walmart Supercenter to the south. The site is currently occupied by an 18,780 square-foot (sf) Office Depot. Raising Cane's proposes to demolish the existing building and develop a 3,198-sf quick-service restaurant with two drive-through lanes that merge into one after the order boards, and a 2,200-sf coffee shop with one drive-through lane. Interstate 10 (I-10) is located approximately 3 miles to the northeast of the Project site.

Air Quality Impacts

SCAQMD Thresholds

The SCAQMD CEQA Air Quality Handbook provides significance thresholds for volatile organic compounds (VOC) (also referred to as reactive organic gases [ROG]), nitrogen oxides (NO_x), carbon monoxide (CO), sulfur oxides (SO_x), particulate matter 10 microns or less in diameter (PM₁₀), and particulate matter 2.5 microns or less in diameter (PM_{2.5}). The thresholds apply to both Project construction and operation within the SCAQMD jurisdictional boundaries. If the SCAQMD thresholds are exceeded, a potentially significant impact could result. However, ultimately the lead agency determines the thresholds of significance for impacts. If a project proposes development in excess of

the established thresholds, as outlined in **Table 1: South Coast Air Quality Management District Significance Thresholds**, a significant air quality impact may occur, and additional analysis is warranted to fully assess the significance of impacts.

Table 1: South Coast Air Quality Management District Significance Thresholds		
Reactive Organic Gases (ROG)	75	75
Carbon Monoxide (CO)	550	550
Nitrogen Oxides (NO _x)	100	100
Sulfur Oxides (SO _x)	150	150
Coarse Particulates (PM ₁₀)	150	150
Fine Particulates (PM _{2.5})	55	55
Source: South Coast Air Quality Management District, CEQA Air Quality <i>Significance Thresholds</i> , April 2019.		

Construction Emissions

Construction associated with the proposed Project would generate short-term emissions of criteria air pollutants. The criteria pollutants of primary concern within the Project area include ozone-precursor pollutants (i.e., ROG and NO_x), PM₁₀, and PM_{2.5}. Construction-generated emissions are short term and of temporary duration, lasting only as long as construction activities occur, but would be considered a significant air quality impact if the volume of pollutants generated exceeds the SCAQMD's thresholds of significance.

Construction results in the temporary generation of emissions resulting from site grading, road paving, motor vehicle exhaust associated with construction equipment and worker trips, and the movement of construction equipment, especially on unpaved surfaces. Emissions of airborne particulate matter are largely dependent on the amount of ground disturbance associated with grading and site preparation activities as well as weather conditions and the appropriate application of water.

The duration of Project construction activities for air emissions modeling was estimated to be approximately 6 months, beginning in March 2021. The Project would demolish the existing Office Depot Building at Ramon Road and San Luis Rey Drive and construct a new Raising Cane's Restaurant and Starbucks Coffee with drive-through lanes.

Construction-generated emissions associated the proposed Project were calculated using the CARB-approved California Emissions Estimator Model (CalEEMod), which is designed to model emissions for land use development projects, based on typical construction requirements. See **Appendix A: Air Quality and GHG Data**, for more information regarding the construction assumptions used in this analysis. Predicted maximum daily construction-generated emissions for the proposed Project are identified in **Table 2: Project Construction Emissions**.

Table 2: Project Construction Emissions						
2021	5.11	29.48	17.86	0.06	6.07	2.30
SCAQMD Threshold	75	100	550	150	150	55
SCAQMD Threshold Exceeded?	No	No	No	No	No	No
Notes: SCAQMD Rule 403 Fugitive Dust applied. The Rule 403 reduction/credits include the following: properly maintain mobile and other construction equipment; replace ground cover in disturbed areas quickly; water exposed surfaces three times daily; cover stock piles with tarps; water all haul roads twice daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the SCAQMD CEQA Handbook (Tables XI-A through XI-E) were applied. No mitigation was applied to construction equipment. Refer to Appendix A for Model Data Outputs.						

Table 2 shows that construction pollutant emissions would remain below their respective thresholds. Impacts would be considered less than significant and the proposed Project and would be subject to SCAQMD Rules 402, 403, 403.1, and 1113, which prohibit nuisances, require dust control measures, involve supplemental fugitive dust control, and limit VOC content in paints, respectively. As shown above, all criteria pollutant emissions would remain below their respective thresholds and impacts would be less than significant.

Operational Emissions

Operational emissions are typically associated with mobile sources (i.e., motor vehicle use) and area sources (such as the use of landscape maintenance equipment, hearths, consumer products, and architectural coatings). Energy source emissions would be generated from electricity and natural gas (non-hearth) usage. **Table 3: Operational Emissions** summarizes the operational emissions attributable to the proposed Project. As shown in, the Project's operational emissions would not exceed SCAQMD thresholds. Therefore, regional operations emissions would result in a less than significant long-term regional air quality impact.

Table 3: Operational Emissions						
Area	0.19	0.00	0.00	0.00	0.00	0.00
Energy	0.04	0.40	0.33	0.00	0.03	0.03
Mobile	1.28	9.52	8.00	0.03	1.37	0.38
Total Emissions	1.51	9.92	8.34	0.03	1.40	0.41
SCAQMD Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	No	No	No	No	No
Source: CalEEMod version 2016.3.2. Refer to Appendix A for model outputs.						

Federal Conformity

Because the proposed improvements would include federal approval/involvement and long-term net increases in emissions attributable to the proposed Project were also evaluated in comparison to federal general conformity thresholds. As indicated in **Table 4: Clean Air Act Conformity**,

implementation of the proposed action would not result in net increases of emissions that would exceed applicable federal general conformity de minimis levels.

Table 4: Clean Air Act Conformity				
Annual Emissions (tons per year)				
Area Source Emissions	0.03	0.00	0.00	0.00
Energy Emissions	0.00	0.07	0.00	0.00
Mobile Emissions	0.23	1.77	0.25	0.07
Total Project Emissions	0.27	1.84	0.25	0.07
<i>Federal De Minimis Level³</i>	25	25	70	100
Is Threshold Exceeded?	No	No	No	No
Notes: 1. Emissions were calculated using CalEEMod. Refer to Appendix A (CalEEMod Data) for the model outputs and assumptions used in this analysis. 3. De minimis levels are established within Title 40 of the Code of Federal Regulations, Section 93.153 (40 CFR 93.153). The project is located within the Riverside County, Coachella Valley Salton Sea Air Basin, which is Federally designated as severe nonattainment for ozone, serious nonattainment for PM ₁₀ , and moderate nonattainment for PM _{2.5} .				
Source: Refer to the CalEEMod outputs provided in Appendix A (CalEEMod Data).				

The purposes of a general conformity review are to ensure that federal actions do not interfere with the emissions budgets in the State Implementation Plans; ensure actions do not cause or contribute to new violations; and ensure attainment and maintenance of the national ambient air quality standards (NAAQS). Because net increases in emissions attributable to the proposed project would not exceed federal de minimis levels, implementation of the proposed project was determined to not conflict with the State Implementation Plan. As a result, this impact would be considered less than significant.

Localized Impacts

To identify impacts to sensitive receptors, the SCAQMD recommends addressing Localized Significance Thresholds (LSTs) for construction. LSTs were developed in response to SCAQMD Governing Boards' Environmental Justice Enhancement Initiative (I-4). The SCAQMD provided the *Final Localized Significance Threshold Methodology* (dated June 2003 [revised 2008]) for guidance. The LST methodology assists lead agencies in analyzing localized impacts associated with project-specific level proposed projects.

Since CalEEMod calculates construction emissions based on the number of equipment hours and the maximum daily soil disturbance activity possible for each piece of equipment, **Table 5: Equipment-Specific Grading Rates** is used to determine the maximum daily disturbed acreage for comparison to

LSTs. For this Project, the appropriate source receptor area (SRA) for the localized significance thresholds is the Coachella Valley area (SRA 30) since this area includes the Project site. LSTs apply to NO_x, CO, PM₁₀, and PM_{2.5}. The SCAQMD produced look-up tables for projects that disturb areas less than or equal to 5 acres in size. Based on the daily equipment modeled in CalEEMod, Project construction is anticipated to disturb approximately 2 acres in a single day.

Table 5: Equipment-Specific Grading Rates					
Grading	Tractor/Loaders/Backhoes	2	0.5	7	1
	Graders	1	0.5	8	0.5
	Rubber-Tired Dozers	1	0.5	8	0.5
Total Acres Graded per Day					2
Source: CalEEMod version 2016.3.2.					

The SCAQMD's methodology indicates that "off-site mobile emissions from the Project should not be included in the emissions compared to LSTs." Therefore, for purposes of the construction LST analysis, only emissions included in the CalEEMod "on-site" emissions outputs were considered. The nearest receptor to the Project site is a restaurant located approximately 0.03 mile (50 meters) to the east of the Project site. LST thresholds are provided for distances to sensitive receptors of 25, 50, 100, 200, and 500 meters. Therefore, LSTs for receptors located at 50 meters were utilized in this analysis. **Table 6: Localized Significance of Construction Emissions**, presents the results of localized emissions during construction activity. **Table 6** shows that the emissions of these pollutants on the peak day of construction would not result in significant concentrations of pollutants at nearby sensitive receptors. Therefore, significant impacts would not occur concerning LSTs during construction activities.

Table 6: Localized Significance of Emissions – Maximum Pounds per Day				
Construction Emissions				
Demolition (2021)	19.70	14.49	5.19	1.60
Grading (2021)	20.21	9.76	3.72	2.28
Building Construction (2021)	16.03	14.56	0.82	0.78
Paving (2021)	10.65	11.78	0.58	0.54
Architectural Coating (2021)	1.53	1.82	0.09	0.09
SCAQMD Localized Screening Threshold (2 acres of disturbance at 50 meters)	200	1,931	22	7
Exceed SCAQMD Threshold?	No	No	No	No
Operational Emissions				
On-Site Emissions (Area and Energy Sources)	0.40	0.33	0.03	0.03
SCAQMD Localized Screening Threshold (2 acres at 50 meters)	200	1,931	6	2

Table 6: Localized Significance of Emissions – Maximum Pounds per Day				
Exceed SCAQMD Threshold?				
	No	No	No	No
Source: CalEEMod version 2016.3.2. Refer to Appendix A for model data outputs.				

According to the SCAQMD localized significance threshold methodology, LSTs apply to on-site sources. LSTs for receptors located at 50 meters for SRA 30 were utilized in this analysis. The 2-acre LST threshold was used for the approximately 2.3-acre Project site. The operational emissions shown in **Table 6** include all on-site Project-related stationary sources (i.e., area sources). **Table 6** shows that the maximum daily emissions of these pollutants during operations would not result in significant concentrations of pollutants at nearby sensitive receptors. Therefore, significant impacts would not occur concerning LSTs during operational activities.

Carbon Monoxide Hotspots

An analysis of CO “hot spots” is needed to determine whether the change in the level of service (LOS) of an intersection from the proposed Project would have the potential to result in exceedances of the CAAQS or NAAQS. It has long been recognized that CO exceedances are caused by vehicular emissions, primarily when vehicles are idling at intersections. Vehicle emissions standards have become increasingly stringent in the last 20 years. Currently, the CO standard in California is a maximum of 3.4 grams per mile for passenger cars (requirements for certain vehicles are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of control technology on industrial facilities, CO concentrations have steadily declined.

Accordingly, with the steadily decreasing CO emissions from vehicles, even very busy intersections do not result in exceedances of the CO standard. An analysis prepared for CO attainment in the South Coast Air Basin by the SCAQMD can assist in evaluating the potential for CO exceedances. CO attainment was thoroughly analyzed as part of the SCAQMD’s 2003 *Air Quality Management Plan*. The Basin was re-designated as attainment in 2007 and is no longer addressed in the SCAQMD’s AQMP.

The 2003 *Air Quality Management Plan* is the most recent AQMP that addresses CO concentrations. As part of the SCAQMD CO Hotspot analysis, the Wilshire Boulevard/Veteran Avenue intersection, one of the most congested intersections in Southern California with an average daily traffic (ADT) volume of approximately 100,000 vehicles per day, was modeled for CO concentrations. This modeling effort identified a CO concentration high of 4.6 parts per million (ppm), which is well below the 35-ppm federal standard. The proposed Project considered herein would not produce the volume of traffic required to generate a CO hot spot in the context of SCAQMD’s 2003 CO hot-spot analysis. As the CO hotspots were not experienced at the Wilshire Boulevard/Veteran Avenue intersection even as it accommodates 100,000 vehicles daily, it can be reasonably inferred that CO hotspots would not be experienced at any vicinity intersections from 1,067 daily vehicle trips attributable to the Project. Therefore, impacts would be less than significant in this regard.

Greenhouse Gas Emissions

The Project would include direct and indirect GHG emissions from Project construction and operations. Construction is considered a direct source since these emissions occur at the site. Direct operational-related GHG emissions for the proposed Project would include emissions from area and mobile sources, while indirect emissions are from energy consumption, water demand, and solid waste.

Construction GHG Emissions

Construction of the Project would result in direct emissions of CO₂, N₂O, and CH₄ from construction equipment and the transport of materials and construction workers to and from the Project site. Construction GHG emissions are typically summed and amortized over the lifetime of the Project (assumed to be 30 years), then added to the operational emissions.¹ Total GHG emissions generated during all phases of construction were combined and are presented in **Table 7: Construction Greenhouse Gas Emissions**. The CalEEMod outputs are contained within Appendix A (Air Quality and GHG Data). As shown in **Table 7**, the Project construction would result in 175 MTCO₂e (approximately 6 MTCO₂e/year when amortized over 30 years).

Table 7: Construction Greenhouse Gas Emissions	
Total Construction	175
Construction Amortized Over 30 Years	6
Source: CalEEMod version 2016.3.2. Refer to Appendix A for model data outputs.	

Operational GHG Emissions

Operational or long-term emissions occur over the life of the proposed Project. GHG emissions would result from direct emissions such as Project generated vehicular traffic and the operation of any landscaping equipment. Indirect sources would include off-site generation of electrical power over the life of the Project, the energy required to convey water to the site, and emissions associated with solid waste generated from the Project site. **Table 8: Total Project Greenhouse Gas Emissions** summarizes the total GHG emissions associated with proposed Project. As shown, the Project would generate approximately 636 MTCO₂e/year. Therefore, the Project would not result in an increase in GHG emissions that exceed the SCAQMD's screening threshold of 3,000 MTCO₂e/yr. Project-related GHG emissions would be less than significant.

¹ The Project lifetime is based on the standard 30-year assumption of the South Coast Air Quality Management District (South Coast Air Quality Management District, *Minutes for the GHG CEQA Significance Threshold Stakeholder Working Group #13*, August 26, 2009).

Table 8: Total Project Greenhouse Gas Emissions	
Construction Amortized Over 30 Years	6
Area Source	0
Energy	144
Mobile	462
Waste	16
Water & Wastewater	8
Total Emissions	636
SCAQMD Project Threshold	3,000
Threshold Exceeded?	No
Source: CalEEMod version 2016.3.2. Refer to Appendix A for model data outputs.	

Conclusion

Project implementation would result in less than significant short- and long-term air quality and GHG impacts. No mitigation measures would be required.

Appendix A

Air Quality and GHG Data

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

Raising Cane's Palm Springs Project

Riverside-Salton Sea County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Fast Food Restaurant with Drive Thru	5.40	1000sqft	0.12	5,400.00	0
Parking Lot	67.00	Space	0.60	26,800.00	0
City Park	0.71	Acre	0.71	30,927.60	0
Other Asphalt Surfaces	0.87	Acre	0.87	37,897.20	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

Project Characteristics - Adjusted per the SCE 2019 Corporate Responsibility and Sustainability Report. The report provides intensity factor of CO₂e, the CO₂ intensity factor is calculated as $534-25 \times 0.029-298 \times 0.00617=531.4363$ to avoid double counting.

Land Use - Site area

Construction Phase - Anticipated construction schedule

Grading -

Demolition -

Vehicle Trips - City Park Land Use represents the landscaping area

Daily Trip Rate based on Traffic study

Energy Use -

Construction Off-road Equipment Mitigation - Rule 403

Water Mitigation -

Waste Mitigation -

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	65.00
tblConstructionPhase	NumDays	220.00	88.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	6.00	15.00
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	PhaseEndDate	3/7/2022	8/30/2021
tblConstructionPhase	PhaseEndDate	2/7/2022	8/11/2021
tblConstructionPhase	PhaseEndDate	3/26/2021	3/12/2021
tblConstructionPhase	PhaseEndDate	4/5/2021	4/2/2021
tblConstructionPhase	PhaseEndDate	2/21/2022	4/9/2021
tblConstructionPhase	PhaseStartDate	2/22/2022	6/1/2021
tblConstructionPhase	PhaseStartDate	4/6/2021	4/10/2021
tblConstructionPhase	PhaseStartDate	3/27/2021	3/13/2021
tblConstructionPhase	PhaseStartDate	2/8/2022	4/3/2021
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	722.03	197.66
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	542.72	197.66
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	496.12	197.66

2.0 Emissions Summary

Raising Canes Palm Springs Project - Riverside-Salton Sea County, Annual

2.1 Overall Construction
Unmitigated Construction

	Year	tons/yr										MT/yr			
		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4
2021	0.2211	1.1514	0.9505	2.0100e-003	0.1240	0.0529	0.1769	0.0397	0.0504	0.0901	0.0000	174.3789	174.3789	174.3789	0.0296
Maximum	0.2211	1.1514	0.9505	2.0100e-003	0.1240	0.0529	0.1769	0.0397	0.0504	0.0901	0.0000	174.3789	174.3789	174.3789	0.0296
	175.1177											0.0000		175.1177	

Mitigated Construction

	Year	tons/yr										MT/yr			
		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4
2021	0.2211	1.1514	0.9505	2.0100e-003	0.0668	0.0529	0.1197	0.0207	0.0504	0.0711	0.0000	174.3788	174.3788	174.3788	0.0296
Maximum	0.2211	1.1514	0.9505	2.0100e-003	0.0668	0.0529	0.1197	0.0207	0.0504	0.0711	0.0000	174.3788	174.3788	174.3788	0.0296
	175.1176											0.0000		175.1176	

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	46.14	0.00	32.34	47.81	0.00	21.07	0.00	0.00	0.00	0.00	0.00	0.00

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	3-1-2021	5-31-2021	0.7017	0.7017
2	6-1-2021	8-31-2021	0.6534	0.6534
		Highest	0.7017	0.7017

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0341	1.0000e-005	6.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3200e-003	1.3200e-003	0.0000	0.0000	1.4100e-003
Energy	7.9600e-003	0.0724	0.0608	4.3000e-004		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	142.8620	142.8620	5.0100e-003	2.1700e-003	143.6331
Mobile	0.2321	1.7680	1.4343	4.9400e-003	0.2417	3.4700e-003	0.2451	0.0648	3.2500e-003	0.0680	0.0000	460.7082	460.7082	0.0522	0.0000	462.0132
Waste						0.0000	0.0000		0.0000	0.0000	12.6382	0.0000	12.6382	0.7469	0.0000	31.3107
Water						0.0000	0.0000		0.0000	0.0000	0.5200	7.6905	8.2105	0.0538	1.3500e-003	9.9580
Total	0.2742	1.8404	1.4958	5.3700e-003	0.2417	8.9700e-003	0.2506	0.0648	8.7500e-003	0.0735	13.1582	611.2620	624.4202	0.8579	3.5200e-003	646.9163

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0341	1.0000e-005	6.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3200e-003	1.3200e-003	0.0000	0.0000	1.4100e-003
Energy	7.9600e-003	0.0724	0.0608	4.3000e-004		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	142.8620	142.8620	5.0100e-003	2.1700e-003	143.6331
Mobile	0.2321	1.7680	1.4343	4.9400e-003	0.2417	3.4700e-003	0.2451	0.0648	3.2500e-003	0.0680	0.0000	460.7082	460.7082	0.0522	0.0000	462.0132
Waste						0.0000	0.0000		0.0000	0.0000	6.3191	0.0000	6.3191	0.3735	0.0000	15.6553
Water						0.0000	0.0000		0.0000	0.0000	0.4160	6.5063	6.9223	0.0431	1.0800e-003	8.3219
Total	0.2742	1.8404	1.4958	5.3700e-003	0.2417	8.9700e-003	0.2506	0.0648	8.7500e-003	0.0735	6.7351	610.0777	616.8128	0.4737	3.2500e-003	629.6250

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.81	0.19	1.22	44.78	7.67	2.67

3.0 Construction Detail**Construction Phase**

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2021	3/12/2021	5	10	
2	Grading	Grading	3/13/2021	4/2/2021	5	15	
3	Paving	Paving	4/3/2021	4/9/2021	5	5	
4	Building Construction	Building Construction	4/10/2021	8/11/2021	5	88	
5	Architectural Coating	Architectural Coating	6/1/2021	8/30/2021	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 7.5

Acres of Paving: 1.47

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 8,100; Non-Residential Outdoor: 2,700; Striped Parking Area: 3,882 (Architectural Coating – sqft)

OffRoad Equipment

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	446.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	42.00	17.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0485	0.0000	0.0485	7.3400e-003	0.0000	7.3400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9700e-003	0.0985	0.0725	1.2000e-004		5.2000e-003	5.2000e-003		4.8600e-003	4.8600e-003	0.0000	10.5357	10.5357	2.6900e-003	0.0000	10.6030
Total	9.9700e-003	0.0985	0.0725	1.2000e-004	0.0485	5.2000e-003	0.0537	7.3400e-003	4.8600e-003	0.0122	0.0000	10.5357	10.5357	2.6900e-003	0.0000	10.6030

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

3.2 Demolition - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1100e-003	0.0496	6.8300e-003	1.7000e-004	3.8400e-003	1.5000e-004	3.9900e-003	1.0600e-003	1.4000e-004	1.2000e-003	0.0000	16.0001	16.0001	9.8000e-004	0.0000	16.0245
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.5000e-004	1.6000e-003	0.0000	5.3000e-004	0.0000	5.4000e-004	1.4000e-004	0.0000	1.5000e-004	0.0000	0.4355	0.4355	1.0000e-005	0.0000	0.4358
Total	1.3400e-003	0.0497	8.4300e-003	1.7000e-004	4.3700e-003	1.5000e-004	4.5300e-003	1.2000e-003	1.4000e-004	1.3500e-003	0.0000	16.4356	16.4356	9.9000e-004	0.0000	16.4603

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0207	0.0000	0.0207	3.1400e-003	0.0000	3.1400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9600e-003	0.0985	0.0725	1.2000e-004		5.2000e-003	5.2000e-003		4.8600e-003	4.8600e-003	0.0000	10.5357	10.5357	2.6900e-003	0.0000	10.6030
Total	9.9600e-003	0.0985	0.0725	1.2000e-004	0.0207	5.2000e-003	0.0259	3.1400e-003	4.8600e-003	8.0000e-003	0.0000	10.5357	10.5357	2.6900e-003	0.0000	10.6030

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

3.2 Demolition - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1100e-003	0.0496	6.8300e-003	1.7000e-004	3.6700e-003	1.5000e-004	3.8200e-003	1.0100e-003	1.4000e-004	1.1500e-003	0.0000	16.0001	16.0001	9.8000e-004	0.0000	16.0245
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3000e-004	1.5000e-004	1.6000e-003	0.0000	5.1000e-004	0.0000	5.1000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4355	0.4355	1.0000e-005	0.0000	0.4358
Total	1.3400e-003	0.0497	8.4300e-003	1.7000e-004	4.1800e-003	1.5000e-004	4.3300e-003	1.1500e-003	1.4000e-004	1.2900e-003	0.0000	16.4356	16.4356	9.9000e-004	0.0000	16.4603

3.3 Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0491	0.0000	0.0491	0.0253	0.0000	0.0253	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0137	0.1516	0.0732	1.5000e-004		6.8700e-003	6.8700e-003		6.3200e-003	6.3200e-003	0.0000	13.5779	13.5779	4.3900e-003	0.0000	13.6877
Total	0.0137	0.1516	0.0732	1.5000e-004	0.0491	6.8700e-003	0.0560	0.0253	6.3200e-003	0.0316	0.0000	13.5779	13.5779	4.3900e-003	0.0000	13.6877

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

3.3 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	1.7000e-004	1.8500e-003	1.0000e-005	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.5025	0.5025	1.0000e-005	0.0000	0.5028
Total	2.6000e-004	1.7000e-004	1.8500e-003	1.0000e-005	6.2000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.5025	0.5025	1.0000e-005	0.0000	0.5028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0210	0.0000	0.0210	0.0108	0.0000	0.0108	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0137	0.1516	0.0732	1.5000e-004		6.8700e-003	6.8700e-003		6.3200e-003	6.3200e-003	0.0000	13.5779	13.5779	4.3900e-003	0.0000	13.6877
Total	0.0137	0.1516	0.0732	1.5000e-004	0.0210	6.8700e-003	0.0279	0.0108	6.3200e-003	0.0171	0.0000	13.5779	13.5779	4.3900e-003	0.0000	13.6877

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

3.3 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	1.7000e-004	1.8500e-003	1.0000e-005	5.8000e-004	0.0000	5.9000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5025	0.5025	1.0000e-005	0.0000	0.5028
Total	2.6000e-004	1.7000e-004	1.8500e-003	1.0000e-005	5.8000e-004	0.0000	5.9000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.5025	0.5025	1.0000e-005	0.0000	0.5028

3.4 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6600e-003	0.0266	0.0294	4.0000e-005		1.4600e-003	1.4600e-003		1.3400e-003	1.3400e-003	0.0000	3.8762	3.8762	1.2300e-003	0.0000	3.9069
Paving	1.9300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.5900e-003	0.0266	0.0294	4.0000e-005		1.4600e-003	1.4600e-003		1.3400e-003	1.3400e-003	0.0000	3.8762	3.8762	1.2300e-003	0.0000	3.9069

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

3.4 Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	8.0000e-005	9.2000e-004	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2513	0.2513	1.0000e-005	0.0000	0.2514
Total	1.3000e-004	8.0000e-005	9.2000e-004	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2513	0.2513	1.0000e-005	0.0000	0.2514

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6600e-003	0.0266	0.0294	4.0000e-005		1.4600e-003	1.4600e-003		1.3400e-003	1.3400e-003	0.0000	3.8762	3.8762	1.2300e-003	0.0000	3.9069
Paving	1.9300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.5900e-003	0.0266	0.0294	4.0000e-005		1.4600e-003	1.4600e-003		1.3400e-003	1.3400e-003	0.0000	3.8762	3.8762	1.2300e-003	0.0000	3.9069

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

3.4 Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	8.0000e-005	9.2000e-004	0.0000	2.9000e-004	0.0000	2.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2513	0.2513	1.0000e-005	0.0000	0.2514
Total	1.3000e-004	8.0000e-005	9.2000e-004	0.0000	2.9000e-004	0.0000	2.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2513	0.2513	1.0000e-005	0.0000	0.2514

3.5 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0900	0.7052	0.6408	1.1000e-003		0.0360	0.0360		0.0345	0.0345	0.0000	91.3654	91.3654	0.0180	0.0000	91.8148
Total	0.0900	0.7052	0.6408	1.1000e-003		0.0360	0.0360		0.0345	0.0345	0.0000	91.3654	91.3654	0.0180	0.0000	91.8148

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

3.5 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6400e-003	0.0652	0.0125	1.6000e-004	3.7000e-003	1.1000e-004	3.8100e-003	1.0700e-003	1.0000e-004	1.1700e-003	0.0000	15.4122	15.4122	1.3500e-003	0.0000	15.4459
Worker	6.4100e-003	4.1300e-003	0.0455	1.4000e-004	0.0152	9.0000e-005	0.0153	4.0400e-003	9.0000e-005	4.1200e-003	0.0000	12.3820	12.3820	3.0000e-004	0.0000	12.3894
Total	8.0500e-003	0.0693	0.0580	3.0000e-004	0.0189	2.0000e-004	0.0191	5.1100e-003	1.9000e-004	5.2900e-003	0.0000	27.7942	27.7942	1.6500e-003	0.0000	27.8354

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0900	0.7052	0.6408	1.1000e-003		0.0360	0.0360		0.0345	0.0345	0.0000	91.3653	91.3653	0.0180	0.0000	91.8147
Total	0.0900	0.7052	0.6408	1.1000e-003		0.0360	0.0360		0.0345	0.0345	0.0000	91.3653	91.3653	0.0180	0.0000	91.8147

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

3.5 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6400e-003	0.0652	0.0125	1.6000e-004	3.5400e-003	1.1000e-004	3.6500e-003	1.0300e-003	1.0000e-004	1.1300e-003	0.0000	15.4122	15.4122	1.3500e-003	0.0000	15.4459
Worker	6.4100e-003	4.1300e-003	0.0455	1.4000e-004	0.0144	9.0000e-005	0.0145	3.8400e-003	9.0000e-005	3.9300e-003	0.0000	12.3820	12.3820	3.0000e-004	0.0000	12.3894
Total	8.0500e-003	0.0693	0.0580	3.0000e-004	0.0180	2.0000e-004	0.0182	4.8700e-003	1.9000e-004	5.0600e-003	0.0000	27.7942	27.7942	1.6500e-003	0.0000	27.8354

3.6 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0851					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1100e-003	0.0496	0.0591	1.0000e-004		3.0600e-003	3.0600e-003		3.0600e-003	3.0600e-003	0.0000	8.2981	8.2981	5.7000e-004	0.0000	8.3123
Total	0.0922	0.0496	0.0591	1.0000e-004		3.0600e-003	3.0600e-003		3.0600e-003	3.0600e-003	0.0000	8.2981	8.2981	5.7000e-004	0.0000	8.3123

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

3.6 Architectural Coating - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-004	5.8000e-004	6.4000e-003	2.0000e-005	2.1400e-003	1.0000e-005	2.1500e-003	5.7000e-004	1.0000e-005	5.8000e-004	0.0000	1.7421	1.7421	4.0000e-005	0.0000	1.7431
Total	9.0000e-004	5.8000e-004	6.4000e-003	2.0000e-005	2.1400e-003	1.0000e-005	2.1500e-003	5.7000e-004	1.0000e-005	5.8000e-004	0.0000	1.7421	1.7421	4.0000e-005	0.0000	1.7431

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0851					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1100e-003	0.0496	0.0591	1.0000e-004		3.0600e-003	3.0600e-003		3.0600e-003	3.0600e-003	0.0000	8.2981	8.2981	5.7000e-004	0.0000	8.3123
Total	0.0922	0.0496	0.0591	1.0000e-004		3.0600e-003	3.0600e-003		3.0600e-003	3.0600e-003	0.0000	8.2981	8.2981	5.7000e-004	0.0000	8.3123

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

3.6 Architectural Coating - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-004	5.8000e-004	6.4000e-003	2.0000e-005	2.0300e-003	1.0000e-005	2.0400e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.7421	1.7421	4.0000e-005	0.0000	1.7431
Total	9.0000e-004	5.8000e-004	6.4000e-003	2.0000e-005	2.0300e-003	1.0000e-005	2.0400e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.7421	1.7421	4.0000e-005	0.0000	1.7431

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2321	1.7680	1.4343	4.9400e-003	0.2417	3.4700e-003	0.2451	0.0648	3.2500e-003	0.0680	0.0000	460.7082	460.7082	0.0522	0.0000	462.0132
Unmitigated	0.2321	1.7680	1.4343	4.9400e-003	0.2417	3.4700e-003	0.2451	0.0648	3.2500e-003	0.0680	0.0000	460.7082	460.7082	0.0522	0.0000	462.0132

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Fast Food Restaurant with Drive Thru	1,067.36	1,067.36	1,067.36	632,951	632,951
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	1,067.36	1,067.36	1,067.36	632,951	632,951

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	12.50	4.20	5.40	33.00	48.00	19.00	66	28	6
Fast Food Restaurant with Drive	12.50	4.20	5.40	2.20	78.80	19.00	29	21	50
Other Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Parking Lot	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Fast Food Restaurant with Drive Thru	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	64.0662	64.0662	3.5000e-003	7.2000e-004	64.3692
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	64.0662	64.0662	3.5000e-003	7.2000e-004	64.3692
NaturalGas Mitigated	7.9600e-003	0.0724	0.0608	4.3000e-004		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	78.7957	78.7957	1.5100e-003	1.4400e-003	79.2640
NaturalGas Unmitigated	7.9600e-003	0.0724	0.0608	4.3000e-004		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	78.7957	78.7957	1.5100e-003	1.4400e-003	79.2640

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	1.47658e+006	7.9600e-003	0.0724	0.0608	4.3000e-004		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	78.7957	78.7957	1.5100e-003	1.4400e-003	79.2640
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		7.9600e-003	0.0724	0.0608	4.3000e-004		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	78.7957	78.7957	1.5100e-003	1.4400e-003	79.2640

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	1.47658e+006	7.9600e-003	0.0724	0.0608	4.3000e-004		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	78.7957	78.7957	1.5100e-003	1.4400e-003	79.2640
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		7.9600e-003	0.0724	0.0608	4.3000e-004		5.5000e-003	5.5000e-003		5.5000e-003	5.5000e-003	0.0000	78.7957	78.7957	1.5100e-003	1.4400e-003	79.2640

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	256392	61.8051	3.3700e-003	7.0000e-004	62.0974
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	9380	2.2611	1.2000e-004	3.0000e-005	2.2718
Total		64.0662	3.4900e-003	7.3000e-004	64.3692

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	256392	61.8051	3.3700e-003	7.0000e-004	62.0974
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	9380	2.2611	1.2000e-004	3.0000e-005	2.2718
Total		64.0662	3.4900e-003	7.3000e-004	64.3692

6.0 Area Detail**6.1 Mitigation Measures Area**

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0341	1.0000e-005	6.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3200e-003	1.3200e-003	0.0000	0.0000	1.4100e-003
Unmitigated	0.0341	1.0000e-005	6.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3200e-003	1.3200e-003	0.0000	0.0000	1.4100e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	8.5100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0256					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.0000e-005	1.0000e-005	6.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3200e-003	1.3200e-003	0.0000	0.0000	1.4100e-003
Total	0.0341	1.0000e-005	6.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3200e-003	1.3200e-003	0.0000	0.0000	1.4100e-003

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	8.5100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0256					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	6.0000e-005	1.0000e-005	6.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3200e-003	1.3200e-003	0.0000	0.0000	1.4100e-003
Total	0.0341	1.0000e-005	6.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3200e-003	1.3200e-003	0.0000	0.0000	1.4100e-003

7.0 Water Detail**7.1 Mitigation Measures Water**

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	6.9223	0.0431	1.0800e-003	8.3219
Unmitigated	8.2105	0.0538	1.3500e-003	9.9580

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 0.845952	2.2656	1.2000e-004	3.0000e-005	2.2763
Fast Food Restaurant with Drive Thru	1.63908 / 0.104622	5.9450	0.0537	1.3200e-003	7.6817
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		8.2105	0.0538	1.3500e-003	9.9580

7.2 Water by Land Use

Mitigated

Indoor/Outdoor Use	Total CO ₂	CH ₄	N ₂ O	CO ₂ e	Land Use	
					Mgal	MT/yr
City Park	0 /	2.1274	1.2000e-004	2.0000e-005	2.1374	2.1374
Fast Food Restaurant with Drive Thru	1.31127 / 0.0982403	4.7949	0.0430	1.0600e-003	6.1845	6.1845
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000	0.0000
Total		6.9223	0.0431	1.0800e-003	8.3219	8.3219

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	6.3191	0.3735	0.0000	15.6553
Unmitigated	12.6382	0.7469	0.0000	31.3107

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.06	0.0122	7.2000e-004	0.0000	0.0302
Fast Food Restaurant with Drive Thru	62.2	12.6260	0.7462	0.0000	31.2805
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		12.6382	0.7469	0.0000	31.3106

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.03	6.0900e-003	3.6000e-004	0.0000	0.0151
Fast Food Restaurant with Drive Thru	31.1	6.3130	0.3731	0.0000	15.6402
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		6.3191	0.3735	0.0000	15.6553

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Annual

Equipment Type	Number
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11.0 Vegetation

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

Raising Cane's Palm Springs Project

Riverside-Salton Sea County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Fast Food Restaurant with Drive Thru	5.40	1000sqft	0.12	5,400.00	0
Parking Lot	67.00	Space	0.60	26,800.00	0
City Park	0.71	Acre	0.71	30,927.60	0
Other Asphalt Surfaces	0.87	Acre	0.87	37,897.20	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

Project Characteristics - Adjusted per the SCE 2019 Corporate Responsibility and Sustainability Report. The report provides intensity factor of CO₂e, the CO₂ intensity factor is calculated as $534 - 25 \times 0.029 - 298 \times 0.00617 = 531.4363$ to avoid double counting.

Land Use - Site area

Construction Phase - Anticipated construction schedule

Grading -

Demolition -

Vehicle Trips - City Park Land Use represents the landscaping area

Daily Trip Rate based on Traffic study

Energy Use -

Construction Off-road Equipment Mitigation - Rule 403

Water Mitigation -

Waste Mitigation -

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	65.00
tblConstructionPhase	NumDays	220.00	88.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	6.00	15.00
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	PhaseEndDate	3/7/2022	8/30/2021
tblConstructionPhase	PhaseEndDate	2/7/2022	8/11/2021
tblConstructionPhase	PhaseEndDate	3/26/2021	3/12/2021
tblConstructionPhase	PhaseEndDate	4/5/2021	4/2/2021
tblConstructionPhase	PhaseEndDate	2/21/2022	4/9/2021
tblConstructionPhase	PhaseStartDate	2/22/2022	6/1/2021
tblConstructionPhase	PhaseStartDate	4/6/2021	4/10/2021
tblConstructionPhase	PhaseStartDate	3/27/2021	3/13/2021
tblConstructionPhase	PhaseStartDate	2/8/2022	4/3/2021
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	722.03	197.66
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	542.72	197.66
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	496.12	197.66

2.0 Emissions Summary

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

Year	lb/day												lb/day			
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
2021	5.1127	29.4179	18.0709	0.0588	10.5908	1.0711	11.6619	3.3897	1.0003	4.2326	0.0000	5,992.050 ²	5,992.050 ²	0.0000	6,012.139 ⁰	
Maximum	5.1127	29.4179	18.0709	0.0588	10.5908	1.0711	11.6619	3.3897	1.0003	4.2326	0.0000	5,992.050 ²	5,992.050 ²	0.0000	6,012.139 ⁰	

Mitigated Construction

	Year	lb/day										lb/day						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e		
2021	5.1127	29.4179	18.0709	0.0588	4.9954	1.0711	6.0665	1.4607	1.0003	2.3037	0.0000	5.992.050 ²	5.992.050 ²	0.8036	0.0000	6,012.139 ⁰		
Maximum	5.1127	29.4179	18.0709	0.0588	4.9954	1.0711	6.0665	1.4607	1.0003	2.3037	0.0000	5.992.050 ²	5.992.050 ²	0.8036	0.0000	6,012.139 ⁰		

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	52.83	0.00	47.98	56.91	0.00	45.57	0.00	0.00	0.00	0.00	0.00	0.00

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173
Energy	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592
Mobile	1.5673	9.7740	7.8909	0.0287	1.3499	0.0188	1.3687	0.3612	0.0176	0.3788		2,948.5848	2,948.5848	0.3028		2,956.1555
Total	1.7983	10.1707	8.2316	0.0310	1.3499	0.0490	1.3989	0.3612	0.0478	0.4089		3,424.5320	3,424.5320	0.3120	8.7300e-003	3,434.9320

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173
Energy	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592
Mobile	1.5673	9.7740	7.8909	0.0287	1.3499	0.0188	1.3687	0.3612	0.0176	0.3788		2,948.5848	2,948.5848	0.3028		2,956.1555
Total	1.7983	10.1707	8.2316	0.0310	1.3499	0.0490	1.3989	0.3612	0.0478	0.4089		3,424.5320	3,424.5320	0.3120	8.7300e-003	3,434.9320

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2021	3/12/2021	5	10	
2	Grading	Grading	3/13/2021	4/2/2021	5	15	
3	Paving	Paving	4/3/2021	4/9/2021	5	5	
4	Building Construction	Building Construction	4/10/2021	8/11/2021	5	88	
5	Architectural Coating	Architectural Coating	6/1/2021	8/30/2021	5	65	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 7.5****Acres of Paving: 1.47****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 8,100; Non-Residential Outdoor: 2,700; Striped Parking Area: 3,882 (Architectural Coating – sqft)****OffRoad Equipment**

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	446.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	42.00	17.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7019	0.0000	9.7019	1.4690	0.0000	1.4690			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.717 1	2,322.717 1	0.5940		2,337.565 8
Total	1.9930	19.6966	14.4925	0.0241	9.7019	1.0409	10.7428	1.4690	0.9715	2.4404		2,322.717 1	2,322.717 1	0.5940		2,337.565 8

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

3.2 Demolition - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2171	9.6941	1.2748	0.0336	0.7802	0.0295	0.8097	0.2139	0.0282	0.2421		3,565.034 3	3,565.034 3	0.2071		3,570.211 0
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0507	0.0272	0.3719	1.0500e-003	0.1088	6.6000e-004	0.1094	0.0289	6.1000e-004	0.0295		104.2989	104.2989	2.5300e-003		104.3622
Total	0.2678	9.7213	1.6467	0.0346	0.8889	0.0302	0.9191	0.2427	0.0289	0.2716		3,669.333 2	3,669.333 2	0.2096		3,674.573 2

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1476	0.0000	4.1476	0.6280	0.0000	0.6280			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.717 1	2,322.717 1	0.5940		2,337.565 8
Total	1.9930	19.6966	14.4925	0.0241	4.1476	1.0409	5.1885	0.6280	0.9715	1.5995	0.0000	2,322.717 1	2,322.717 1	0.5940		2,337.565 8

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

3.2 Demolition - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2171	9.6941	1.2748	0.0336	0.7448	0.0295	0.7743	0.2052	0.0282	0.2334		3,565.034 3	3,565.034 3	0.2071		3,570.211 0
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0507	0.0272	0.3719	1.0500e-003	0.1031	6.6000e-004	0.1038	0.0275	6.1000e-004	0.0281		104.2989	104.2989	2.5300e-003		104.3622
Total	0.2678	9.7213	1.6467	0.0346	0.8479	0.0302	0.8781	0.2326	0.0289	0.2615		3,669.333 2	3,669.333 2	0.2096		3,674.573 2

3.3 Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425		1,995.611 4	1,995.611 4	0.6454		2,011.747 0
Total	1.8271	20.2135	9.7604	0.0206	6.5523	0.9158	7.4681	3.3675	0.8425	4.2100		1,995.611 4	1,995.611 4	0.6454		2,011.747 0

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

3.3 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0390	0.0209	0.2861	8.1000e-004	0.0837	5.1000e-004	0.0842	0.0222	4.7000e-004	0.0227		80.2299	80.2299	1.9500e-003		80.2786
Total	0.0390	0.0209	0.2861	8.1000e-004	0.0837	5.1000e-004	0.0842	0.0222	4.7000e-004	0.0227		80.2299	80.2299	1.9500e-003		80.2786

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8011	0.0000	2.8011	1.4396	0.0000	1.4396			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425	0.0000	1,995.6114	1,995.6114	0.6454		2,011.7470
Total	1.8271	20.2135	9.7604	0.0206	2.8011	0.9158	3.7169	1.4396	0.8425	2.2821	0.0000	1,995.6114	1,995.6114	0.6454		2,011.7470

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

3.3 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0390	0.0209	0.2861	8.1000e-004	0.0793	5.1000e-004	0.0798	0.0211	4.7000e-004	0.0216		80.2299	80.2299	1.9500e-003		80.2786
Total	0.0390	0.0209	0.2861	8.1000e-004	0.0793	5.1000e-004	0.0798	0.0211	4.7000e-004	0.0216		80.2299	80.2299	1.9500e-003		80.2786

3.4 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.7703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8336	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

3.4 Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0585	0.0314	0.4291	1.2100e-003	0.1255	7.6000e-004	0.1263	0.0333	7.0000e-004	0.0340		120.3449	120.3449	2.9200e-003		120.4179
Total	0.0585	0.0314	0.4291	1.2100e-003	0.1255	7.6000e-004	0.1263	0.0333	7.0000e-004	0.0340		120.3449	120.3449	2.9200e-003		120.4179

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.7703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8336	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

3.4 Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0585	0.0314	0.4291	1.2100e-003	0.1190	7.6000e-004	0.1197	0.0317	7.0000e-004	0.0324		120.3449	120.3449	2.9200e-003		120.4179
Total	0.0585	0.0314	0.4291	1.2100e-003	0.1190	7.6000e-004	0.1197	0.0317	7.0000e-004	0.0324		120.3449	120.3449	2.9200e-003		120.4179

3.5 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935
Total	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

3.5 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0364	1.4758	0.2600	3.7300e-003	0.0853	2.4100e-003	0.0877	0.0246	2.3000e-003	0.0269		393.4518	393.4518	0.0322		394.2570
Worker	0.1639	0.0878	1.2016	3.3800e-003	0.3514	2.1400e-003	0.3535	0.0932	1.9700e-003	0.0952		336.9656	336.9656	8.1800e-003		337.1701
Total	0.2002	1.5636	1.4616	7.1100e-003	0.4367	4.5500e-003	0.4412	0.1178	4.2700e-003	0.1220		730.4175	730.4175	0.0404		731.4271

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935
Total	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

3.5 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0364	1.4758	0.2600	3.7300e-003	0.0817	2.4100e-003	0.0841	0.0237	2.3000e-003	0.0260		393.4518	393.4518	0.0322		394.2570
Worker	0.1639	0.0878	1.2016	3.3800e-003	0.3331	2.1400e-003	0.3352	0.0887	1.9700e-003	0.0907		336.9656	336.9656	8.1800e-003		337.1701
Total	0.2002	1.5636	1.4616	7.1100e-003	0.4147	4.5500e-003	0.4193	0.1124	4.2700e-003	0.1167		730.4175	730.4175	0.0404		731.4271

3.6 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.6174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	2.8363	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

3.6 Architectural Coating - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0312	0.0167	0.2289	6.4000e-004	0.0669	4.1000e-004	0.0673	0.0178	3.7000e-004	0.0181		64.1839	64.1839	1.5600e-003		64.2229
Total	0.0312	0.0167	0.2289	6.4000e-004	0.0669	4.1000e-004	0.0673	0.0178	3.7000e-004	0.0181		64.1839	64.1839	1.5600e-003		64.2229

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.6174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	2.8363	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

3.6 Architectural Coating - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0312	0.0167	0.2289	6.4000e-004	0.0634	4.1000e-004	0.0639	0.0169	3.7000e-004	0.0173		64.1839	64.1839	1.5600e-003		64.2229
Total	0.0312	0.0167	0.2289	6.4000e-004	0.0634	4.1000e-004	0.0639	0.0169	3.7000e-004	0.0173		64.1839	64.1839	1.5600e-003		64.2229

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5673	9.7740	7.8909	0.0287	1.3499	0.0188	1.3687	0.3612	0.0176	0.3788		2,948.5848	2,948.5848	0.3028		2,956.1555
Unmitigated	1.5673	9.7740	7.8909	0.0287	1.3499	0.0188	1.3687	0.3612	0.0176	0.3788		2,948.5848	2,948.5848	0.3028		2,956.1555

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Fast Food Restaurant with Drive Thru	1,067.36	1,067.36	1,067.36	632,951	632,951
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	1,067.36	1,067.36	1,067.36	632,951	632,951

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	12.50	4.20	5.40	33.00	48.00	19.00	66	28	6
Fast Food Restaurant with Drive	12.50	4.20	5.40	2.20	78.80	19.00	29	21	50
Other Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Parking Lot	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Fast Food Restaurant with Drive Thru	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592
NaturalGas Unmitigated	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	4045.41	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	4.04541	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592

6.0 Area Detail**6.1 Mitigation Measures Area**

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173
Unmitigated	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173
Total	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173
Total	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173

7.0 Water Detail**7.1 Mitigation Measures Water**

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Summer

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

Raising Cane's Palm Springs Project

Riverside-Salton Sea County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Fast Food Restaurant with Drive Thru	5.40	1000sqft	0.12	5,400.00	0
Parking Lot	67.00	Space	0.60	26,800.00	0
City Park	0.71	Acre	0.71	30,927.60	0
Other Asphalt Surfaces	0.87	Acre	0.87	37,897.20	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

Project Characteristics - Adjusted per the SCE 2019 Corporate Responsibility and Sustainability Report. The report provides intensity factor of CO₂e, the CO₂ intensity factor is calculated as $534-25 \times 0.029-298 \times 0.00617=531.4363$ to avoid double counting.

Land Use - Site area

Construction Phase - Anticipated construction schedule

Grading -

Demolition -

Vehicle Trips - City Park Land Use represents the landscaping area

Daily Trip Rate based on Traffic study

Energy Use -

Construction Off-road Equipment Mitigation - Rule 403

Water Mitigation -

Waste Mitigation -

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	65.00
tblConstructionPhase	NumDays	220.00	88.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	6.00	15.00
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	PhaseEndDate	3/7/2022	8/30/2021
tblConstructionPhase	PhaseEndDate	2/7/2022	8/11/2021
tblConstructionPhase	PhaseEndDate	3/26/2021	3/12/2021
tblConstructionPhase	PhaseEndDate	4/5/2021	4/2/2021
tblConstructionPhase	PhaseEndDate	2/21/2022	4/9/2021
tblConstructionPhase	PhaseStartDate	2/22/2022	6/1/2021
tblConstructionPhase	PhaseStartDate	4/6/2021	4/10/2021
tblConstructionPhase	PhaseStartDate	3/27/2021	3/13/2021
tblConstructionPhase	PhaseStartDate	2/8/2022	4/3/2021
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	722.03	197.66
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	542.72	197.66
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	496.12	197.66

2.0 Emissions Summary

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	Year	lb/day										lb/day	
		ROG	NOx	CO	SO ₂	Fugitive PM ₁₀	Exhaust PM ₁₀	PM ₁₀ Total	Fugitive PM _{2.5}	Exhaust PM _{2.5}	PM _{2.5} Total	Bio- CO ₂	NBio- CO ₂
		Total CO ₂	CH ₄	N ₂ O	CO ₂ e								
2021	5.1069	29.4845	17.8621	0.0578	10.5908	1.0715	11.6623	3.3897	1.0007	4.2326	0.0000	5.891.798	5.891.798
Maximum	5.1069	29.4845	17.8621	0.0578	10.5908	1.0715	11.6623	3.3897	1.0007	4.2326	0.0000	5.891.798	5.891.798
												0.8227	0.0000
													5,912.365

Mitigated Construction

	Year	lb/day										lb/day	
		ROG	NOx	CO	SO ₂	Fugitive PM ₁₀	Exhaust PM ₁₀	PM ₁₀ Total	Fugitive PM _{2.5}	Exhaust PM _{2.5}	PM _{2.5} Total	Bio- CO ₂	NBio- CO ₂
		Total CO ₂	CH ₄	N ₂ O	CO ₂ e								
2021	5.1069	29.4845	17.8621	0.0578	4.9954	1.0715	6.0669	1.4607	1.0007	2.3037	0.0000	5.891.798	5.891.798
Maximum	5.1069	29.4845	17.8621	0.0578	4.9954	1.0715	6.0669	1.4607	1.0007	2.3037	0.0000	5.891.798	5.891.798
												0.8227	0.0000
													5,912.365

	ROG	NOx	CO	SO ₂	Fugitive PM ₁₀	Exhaust PM ₁₀	PM ₁₀ Total	Fugitive PM _{2.5}	Exhaust PM _{2.5}	PM _{2.5} Total	Bio- CO ₂	NBio- CO ₂	Total CO ₂	CH ₄	N ₂ O	CO ₂ e	Percent Reduction
	0.00	0.00	0.00	0.00	52.83	0.00	47.98	56.91	0.00	45.57	0.00	0.00	0.00	0.00	0.00	0.00	

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173
Energy	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592
Mobile	1.2819	9.5190	7.9967	0.0261	1.3499	0.0195	1.3694	0.3612	0.0183	0.3795		2,680.9224	2,680.9224	0.3346		2,689.2878
Total	1.5129	9.9157	8.3375	0.0285	1.3499	0.0497	1.3996	0.3612	0.0485	0.4097		3,156.8697	3,156.8697	0.3438	8.7300e-003	3,168.0643

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173
Energy	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592
Mobile	1.2819	9.5190	7.9967	0.0261	1.3499	0.0195	1.3694	0.3612	0.0183	0.3795		2,680.9224	2,680.9224	0.3346		2,689.2878
Total	1.5129	9.9157	8.3375	0.0285	1.3499	0.0497	1.3996	0.3612	0.0485	0.4097		3,156.8697	3,156.8697	0.3438	8.7300e-003	3,168.0643

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2021	3/12/2021	5	10	
2	Grading	Grading	3/13/2021	4/2/2021	5	15	
3	Paving	Paving	4/3/2021	4/9/2021	5	5	
4	Building Construction	Building Construction	4/10/2021	8/11/2021	5	88	
5	Architectural Coating	Architectural Coating	6/1/2021	8/30/2021	5	65	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 7.5****Acres of Paving: 1.47****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 8,100; Non-Residential Outdoor: 2,700; Striped Parking Area: 3,882 (Architectural Coating – sqft)****OffRoad Equipment**

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Paving	Pavers	1	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	446.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	42.00	17.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	8.00	0.00	0.00	11.00	5.40	20.00	LD_Mix	HDT_Mix	HHDT

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.7019	0.0000	9.7019	1.4690	0.0000	1.4690			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715		2,322.717 1	2,322.717 1	0.5940		2,337.565 8
Total	1.9930	19.6966	14.4925	0.0241	9.7019	1.0409	10.7428	1.4690	0.9715	2.4404		2,322.717 1	2,322.717 1	0.5940		2,337.565 8

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

3.2 Demolition - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2285	9.7598	1.4870	0.0327	0.7802	0.0300	0.8101	0.2139	0.0287	0.2425		3,475.4640	3,475.4640	0.2265		3,481.1274
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0486	0.0281	0.3042	9.4000e-004	0.1088	6.6000e-004	0.1094	0.0289	6.1000e-004	0.0295		93.6170	93.6170	2.2200e-003		93.6725
Total	0.2770	9.7879	1.7913	0.0337	0.8889	0.0306	0.9195	0.2427	0.0293	0.2720		3,569.0810	3,569.0810	0.2288		3,574.7999

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.1476	0.0000	4.1476	0.6280	0.0000	0.6280			0.0000			0.0000
Off-Road	1.9930	19.6966	14.4925	0.0241		1.0409	1.0409		0.9715	0.9715	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658
Total	1.9930	19.6966	14.4925	0.0241	4.1476	1.0409	5.1885	0.6280	0.9715	1.5995	0.0000	2,322.7171	2,322.7171	0.5940		2,337.5658

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

3.2 Demolition - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.2285	9.7598	1.4870	0.0327	0.7448	0.0300	0.7747	0.2052	0.0287	0.2338		3,475.4640	3,475.4640	0.2265		3,481.1274
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0486	0.0281	0.3042	9.4000e-004	0.1031	6.6000e-004	0.1038	0.0275	6.1000e-004	0.0281		93.6170	93.6170	2.2200e-003		93.6725
Total	0.2770	9.7879	1.7913	0.0337	0.8479	0.0306	0.8785	0.2326	0.0293	0.2619		3,569.0810	3,569.0810	0.2288		3,574.7999

3.3 Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425		1,995.6114	1,995.6114	0.6454		2,011.7470
Total	1.8271	20.2135	9.7604	0.0206	6.5523	0.9158	7.4681	3.3675	0.8425	4.2100		1,995.6114	1,995.6114	0.6454		2,011.7470

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

3.3 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0216	0.2340	7.2000e-004	0.0837	5.1000e-004	0.0842	0.0222	4.7000e-004	0.0227		72.0131	72.0131	1.7100e-003		72.0558
Total	0.0374	0.0216	0.2340	7.2000e-004	0.0837	5.1000e-004	0.0842	0.0222	4.7000e-004	0.0227		72.0131	72.0131	1.7100e-003		72.0558

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8011	0.0000	2.8011	1.4396	0.0000	1.4396			0.0000			0.0000
Off-Road	1.8271	20.2135	9.7604	0.0206		0.9158	0.9158		0.8425	0.8425	0.0000	1,995.6114	1,995.6114	0.6454		2,011.7470
Total	1.8271	20.2135	9.7604	0.0206	2.8011	0.9158	3.7169	1.4396	0.8425	2.2821	0.0000	1,995.6114	1,995.6114	0.6454		2,011.7470

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

3.3 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0374	0.0216	0.2340	7.2000e-004	0.0793	5.1000e-004	0.0798	0.0211	4.7000e-004	0.0216		72.0131	72.0131	1.7100e-003		72.0558
Total	0.0374	0.0216	0.2340	7.2000e-004	0.0793	5.1000e-004	0.0798	0.0211	4.7000e-004	0.0216		72.0131	72.0131	1.7100e-003		72.0558

3.4 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.7703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8336	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371		1,709.1107	1,709.1107	0.5417		1,722.6524

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

3.4 Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0560	0.0324	0.3510	1.0800e-003	0.1255	7.6000e-004	0.1263	0.0333	7.0000e-004	0.0340		108.0197	108.0197	2.5600e-003		108.0837
Total	0.0560	0.0324	0.3510	1.0800e-003	0.1255	7.6000e-004	0.1263	0.0333	7.0000e-004	0.0340		108.0197	108.0197	2.5600e-003		108.0837

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0633	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524
Paving	0.7703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8336	10.6478	11.7756	0.0178		0.5826	0.5826		0.5371	0.5371	0.0000	1,709.1107	1,709.1107	0.5417		1,722.6524

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

3.4 Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0560	0.0324	0.3510	1.0800e-003	0.1190	7.6000e-004	0.1197	0.0317	7.0000e-004	0.0324		108.0197	108.0197	2.5600e-003		108.0837
Total	0.0560	0.0324	0.3510	1.0800e-003	0.1190	7.6000e-004	0.1197	0.0317	7.0000e-004	0.0324		108.0197	108.0197	2.5600e-003		108.0837

3.5 Building Construction - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935
Total	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831		2,288.9355	2,288.9355	0.4503		2,300.1935

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

3.5 Building Construction - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0388	1.4570	0.3115	3.5700e-003	0.0853	2.5000e-003	0.0878	0.0246	2.3900e-003	0.0270		375.9796	375.9796	0.0360		376.8797
Worker	0.1569	0.0908	0.9829	3.0300e-003	0.3514	2.1400e-003	0.3535	0.0932	1.9700e-003	0.0952		302.4551	302.4551	7.1700e-003		302.6342
Total	0.1957	1.5478	1.2944	6.6000e-003	0.4367	4.6400e-003	0.4413	0.1178	4.3600e-003	0.1221		678.4346	678.4346	0.0432		679.5139

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935
Total	2.0451	16.0275	14.5629	0.0250		0.8173	0.8173		0.7831	0.7831	0.0000	2,288.9355	2,288.9355	0.4503		2,300.1935

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

3.5 Building Construction - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0388	1.4570	0.3115	3.5700e-003	0.0817	2.5000e-003	0.0842	0.0237	2.3900e-003	0.0261		375.9796	375.9796	0.0360		376.8797
Worker	0.1569	0.0908	0.9829	3.0300e-003	0.3331	2.1400e-003	0.3352	0.0887	1.9700e-003	0.0907		302.4551	302.4551	7.1700e-003		302.6342
Total	0.1957	1.5478	1.2944	6.6000e-003	0.4147	4.6400e-003	0.4194	0.1124	4.3600e-003	0.1167		678.4346	678.4346	0.0432		679.5139

3.6 Architectural Coating - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.6174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	2.8363	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

3.6 Architectural Coating - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0299	0.0173	0.1872	5.8000e-004	0.0669	4.1000e-004	0.0673	0.0178	3.7000e-004	0.0181		57.6105	57.6105	1.3700e-003		57.6446
Total	0.0299	0.0173	0.1872	5.8000e-004	0.0669	4.1000e-004	0.0673	0.0178	3.7000e-004	0.0181		57.6105	57.6105	1.3700e-003		57.6446

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.6174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	2.8363	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

3.6 Architectural Coating - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0299	0.0173	0.1872	5.8000e-004	0.0634	4.1000e-004	0.0639	0.0169	3.7000e-004	0.0173		57.6105	57.6105	1.3700e-003		57.6446
Total	0.0299	0.0173	0.1872	5.8000e-004	0.0634	4.1000e-004	0.0639	0.0169	3.7000e-004	0.0173		57.6105	57.6105	1.3700e-003		57.6446

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.2819	9.5190	7.9967	0.0261	1.3499	0.0195	1.3694	0.3612	0.0183	0.3795		2,680.922 4	2,680.922 4	0.3346		2,689.287 8
Unmitigated	1.2819	9.5190	7.9967	0.0261	1.3499	0.0195	1.3694	0.3612	0.0183	0.3795		2,680.922 4	2,680.922 4	0.3346		2,689.287 8

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Fast Food Restaurant with Drive Thru	1,067.36	1,067.36	1,067.36	632,951	632,951
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	1,067.36	1,067.36	1,067.36	632,951	632,951

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	12.50	4.20	5.40	33.00	48.00	19.00	66	28	6
Fast Food Restaurant with Drive	12.50	4.20	5.40	2.20	78.80	19.00	29	21	50
Other Asphalt Surfaces	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0
Parking Lot	12.50	4.20	5.40	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Fast Food Restaurant with Drive Thru	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038
Parking Lot	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592
NaturalGas Unmitigated	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	4045.41	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant with Drive Thru	4.04541	0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0436	0.3966	0.3332	2.3800e-003		0.0301	0.0301		0.0301	0.0301		475.9310	475.9310	9.1200e-003	8.7300e-003	478.7592

6.0 Area Detail**6.1 Mitigation Measures Area**

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173
Unmitigated	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173
Total	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0466					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.1000e-004	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173
Total	0.1874	7.0000e-005	7.5800e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0162	0.0162	4.0000e-005		0.0173

7.0 Water Detail**7.1 Mitigation Measures Water**

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail**8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

Raising Cane's Palm Springs Project - Riverside-Salton Sea County, Winter

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation
