

APPENDIX A:

**Emission Inventories for 2017,
2023, and 2026 for the Clark
County Ozone Nonattainment
Area**

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1.0 Introduction

In 2018, the U.S. Environmental Protection Agency (EPA) designated a portion of Clark County, Nevada, as a Marginal Nonattainment area under the 2015 ozone National Ambient Air Quality Standard (NAAQS) of 70 parts per billion (ppb) (Federal Register, 2018). The nonattainment boundary is defined as the Las Vegas Valley (LVV), Hydrographic Area 212 (HA 212), as recommended by the Nevada Division of Environmental Protection (NDEP) and Clark County (2018). Due to continued exceedances of the standard through 2020, EPA reclassified the Clark County nonattainment area (HA 212) to Moderate with an attainment date of August 3, 2024, based on the 2021–2023 8-hour ozone design value (DV) (Federal Register, 2023). As exceedances continued through 2023, EPA bumped up the area to Serious on December 19, 2024, establishing a new attainment deadline of August 3, 2027 (Federal Register, 2024).

To support the Serious State Implementation Plan (SIP), a complete photochemical modeling study and related weight-of-evidence analyses were conducted to fulfill an ozone attainment demonstration that meets EPA requirements. The project includes the development and modeling of a set of control measures for ozone precursor emissions, along with a mandatory 3% annual Reasonable Further Progress (RFP) Plan, all aimed at demonstrating attainment of the 2015 ozone NAAQS by the new deadline. Clark County on-road mobile source emissions were developed and documented through a collaborative effort involving Eastern Research Group, Inc. (ERG), the Clark County Department of Environment and Sustainability, Division of Air Quality (DAQ), and Ramboll Americas Engineering Solutions.

This appendix describes the methodologies and technical details used to prepare anthropogenic emissions inventories for the years 2017, 2023, and 2026.

2.0 Emissions Inventory for 2017, 2023, and 2026 Ozone Season Weekday

Anthropogenic ozone season weekday emission estimates for ozone precursors within HA 212 were developed for three years: the 2017 baseline year, the 2023 interim year, and the 2026 future year. The inventory reflects emissions for a typical workday in July. Figure 2-1 shows the Clark County boundary, the location of HA 212 within the county, and the modeling grid used to generate emission estimates for certain source sectors. These estimates were developed using the Sparse Matrix Operator Kernel Emissions (SMOKE; UNC, 2020) processing system. The inventory includes all anthropogenic emissions categories: stationary point sources, stationary nonpoint (area) sources, on-road mobile sources, nonroad mobile sources, airports, and locomotive sources. The primary data sources for the inventory include locally specific activity data, the EPA's 2017 Emissions Modeling platform (EMP) based on the 2017 National Emissions Inventory (EPA, 2022), the EPA's 2016v3 EMP projections for 2026 (EPA, 2023) and the EPA's 2022v1 EMP (EPA, 2024).

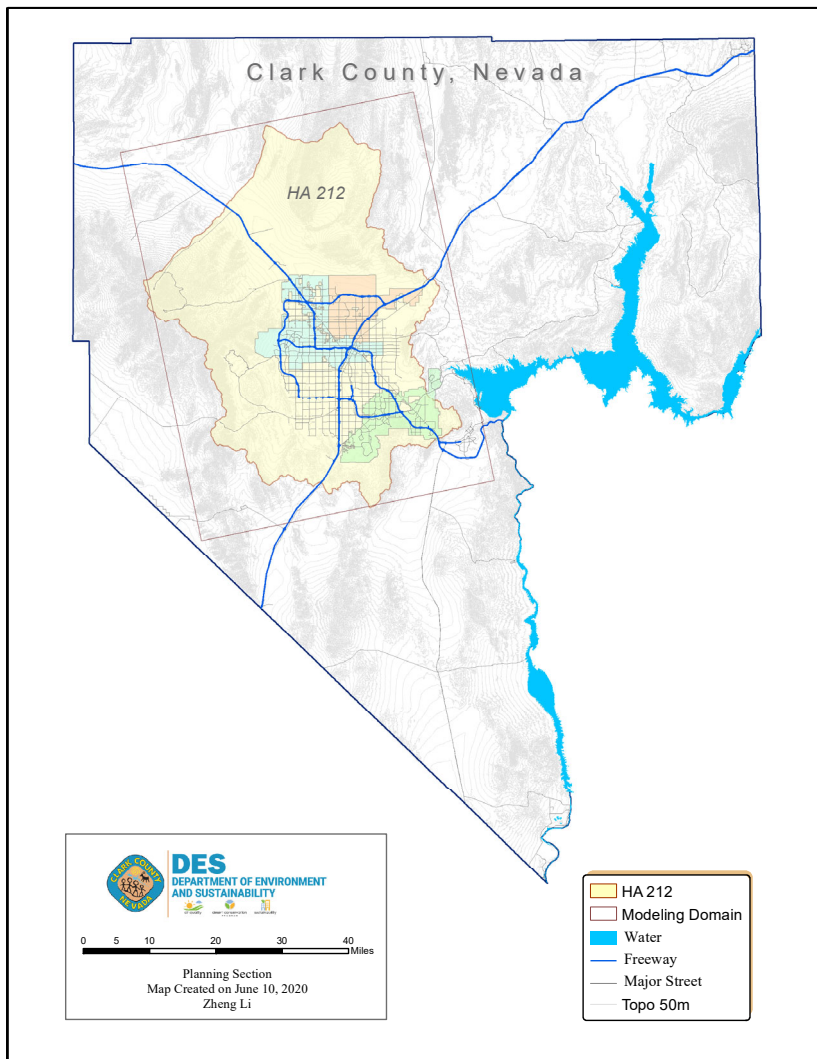


Figure 2-1. Clark County and the ozone nonattainment area (HA 212). The box covering HA 212 labeled “Modeling Domain” refers to the SMOKE emissions processing grid used to estimate HA 212 ozone season weekday emissions for certain source sectors.

The HA 212 inventory includes the effects from applicable on-the-books regulations such as the Tier 3 Motor Vehicle Emissions and Fuel Standards,¹ Final Rule for Control of Emissions of Air Pollution From Nonroad Diesel Engines and Fuel,² and Consumer Products: National Volatile Organic Compound Emissions Standards.³

¹ <https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-control-air-pollution-motor-vehicles-tier-3>, Accessed Online in September 2022.

² <https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-control-emissions-air-pollution-nonroad>, Accessed Online in September 2022.

³ <https://www.epa.gov/stationary-sources-air-pollution/consumer-products-national-volatile-organic-compound-emission>, Accessed Online in September 2022.

Table 2-1 and Table 2-2 show 2017, 2023, and 2026 HA 212 emission estimates for VOC and NO_x, respectively, by major source category, representing a typical ozone season weekday. On-road and nonroad mobile sectors are the dominant sources for NO_x in HA 212, followed by airports. The NO_x emissions decline in 2023 and 2026 is primarily due to turnover in nonroad and on-road fleets, reflecting effects from federal emission controls. The non-point sector is the dominant anthropogenic source for VOCs, followed by on-road and non-road mobile sources. The sections below describe each source category in detail. Locomotive and airport emissions are excluded from other source categories.

Table 2-1. Summary of HA 212 ozone season weekday VOC emissions (tpd¹).

Source Category	2017 Base VOC (tpd)	2023 Base VOC (tpd)	2026 Base VOC (tpd)	2017-2023 (%)	2017-2026 (%)
Point source	1.25	1.88	1.89	50%	51%
Nonpoint source	57.72	59.15	47.09	2%	-18%
On-road mobile	25.89	17.95	15.79	-31%	-39%
Nonroad mobile	25.38	23.67	23.72	-7%	-7%
Airports (commercial & Federal)	1.96	2.62	2.75	34%	40%
Locomotives	0.04	0.03	0.03	-25%	-25%
ERC		0.05	0.05		
Total	112.24	105.35	91.32	-6.1%	-18.6%

¹tpd = tons per day.

Table 2-2. Summary of HA 212 ozone season weekday NO_x emissions (tpd).

Source Category	2017 Base NO _x (tpd)	2023 Base NO _x (tpd)	2026 Base NO _x (tpd)	2017-2023 (%)	2017-2026 (%)
Point source	2.92	3.22	3.25	10%	11%
Nonpoint source	6.15	6.46	6.53	5%	6%
On-road mobile	41.84	22.43	16.41	-46%	-61%
Nonroad mobile	36.86	22.80	18.91	-38%	-49%
Airports (commercial & Federal)	11.90	15.52	15.90	30%	34%
Locomotives	0.80	0.66	0.62	-18%	-23%
ERC		0.92	0.92		
Total	100.47	72.01	62.54	-28%	-38%

3.0 On-road Mobile Source Emissions

On-road mobile sources include automobiles, motorcycles, buses, and trucks traveling on local roads and state and national highways. The emissions estimates were developed from the EPA's Motor Vehicle Emissions Simulator, version 5⁴ (MOVES5), the latest release

⁴ <https://www.epa.gov/moves/latest-version-motor-vehicle-emission-simulator-moves>.

available at the time of analysis. ERG ran MOVES5 in inventory mode to generate on-road mobile source emissions estimates for a typical July weekday within HA 212.

3.1 MOVES Inputs

MOVES5 includes 13 source types (Table 3-1) and four roadway types (Table 3-2). DAQ developed MOVES inputs representing Clark County for the years 2017, 2023, and 2026. These inputs were based on the latest available information and data sources to ensure accuracy and representativeness. Once the input databases were developed, the HA 212 sub-county input databases were also prepared based on either direct activity data or spatial surrogates to estimate the portion of vehicle activity occurring within HA 212. Subsequently, ERG ran the MOVES5 model with the databases for HA 212 to generate the ozone precursor inventories for the on-road source category.

Table 3-1. MOVES source types.

Source Type ID	MOVES Source Type Name
11	Motorcycle
21	Passenger Car
31	Passenger Truck
32	Light Commercial Truck
41	Other Buses
42	Transit Bus
43	School Bus
51	Refuse Truck
52	Single Unit Short-haul Truck
53	Single Unit Long-haul Truck
54	Motor Home
61	Combination Short-haul Truck
62	Combination Long-haul Truck

Table 3-2. Map of Highway Performance Monitoring System (HPMS) road types to MOVES road types.

HPMS Road Type	MOVES Road Type
11: Rural Principal Arterial – Interstate	2: Rural Restricted Access
13: Rural Principal Arterial – Other	3: Rural Unrestricted Access
15: Rural Minor Arterial	
17: Rural Major Collector	
19: Rural Minor Collector	
21: Rural Local System	
23: Urban Principal Arterial – Interstate	4: Urban Restricted Access
25: Urban Principal Arterial – Other Freeways	
27: Urban Principal Arterial – Other	5: Urban Unrestricted Access
29: Urban Minor Arterial	
31: Urban Collector	
33: Urban Local System	

The key MOVES inputs include vehicle fleet activity data, such as vehicle miles traveled (VMT), vehicle population by vehicle source type (or vehicle class), speed distribution, fleet age distribution, fuel parameters, and inspection and maintenance (I/M) programs.

3.1.1 Clark County Vehicle Classification Study

Since vehicle classification is a crucial component for developing an on-road emission inventory, DAQ completed a vehicle classification study in June 2018. The study used 2014–2016 traffic count data collected by the Nevada Department of Transportation (NDOT) and included an on-road license plate survey at selected roadway locations. The collected license plate numbers were matched to vehicle identification numbers (VINs), then decoded to obtain vehicle attributes that allowed DAQ’s contractor to classify cars versus light-duty trucks. The primary products of the vehicle classification study included VMT mix and temporal profiles, which were incorporated into the 2017, 2023, and 2026 MOVES input databases. The MOVES temporal profiles included monthly, weekly, and hourly traffic profiles.

VMT Mix Profiles

Figure 3-1 shows VMT mix profiles from the DAQ study by MOVES road type. Rural Restricted Access (Road Type 2) has the highest amount of heavy-duty VMT (24%), which decreases from left to right in the figure: from Road Type 2 to Rural Unrestricted Access (Road Type 3) to Urban Restricted Access (Road Type 4) to Urban Unrestricted (Road Type 5).

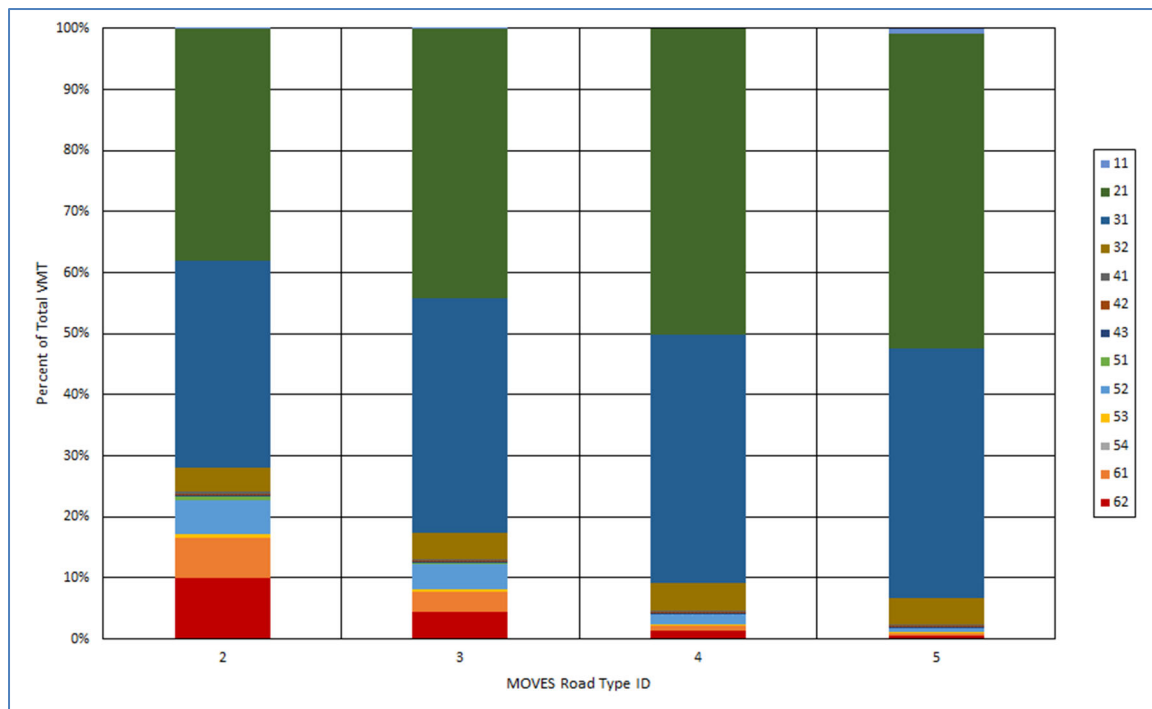


Figure 3-1. Summary of VMT mix by vehicle type on each MOVES road type. Vehicle types are listed in Table 3-1.

Monthly Traffic Profiles

Figure 3-2 displays the monthly VMT profiles for MOVES. The MOVES model distributes annual VMT to monthly totals using the monthly VMT fractions shown in the figure. Clark County’s monthly variation does not indicate a strong seasonal influence on VMT. These

monthly variations are based on NDOT traffic counts during 2014–2016 (NDOT has continuous traffic counters operating throughout the year).

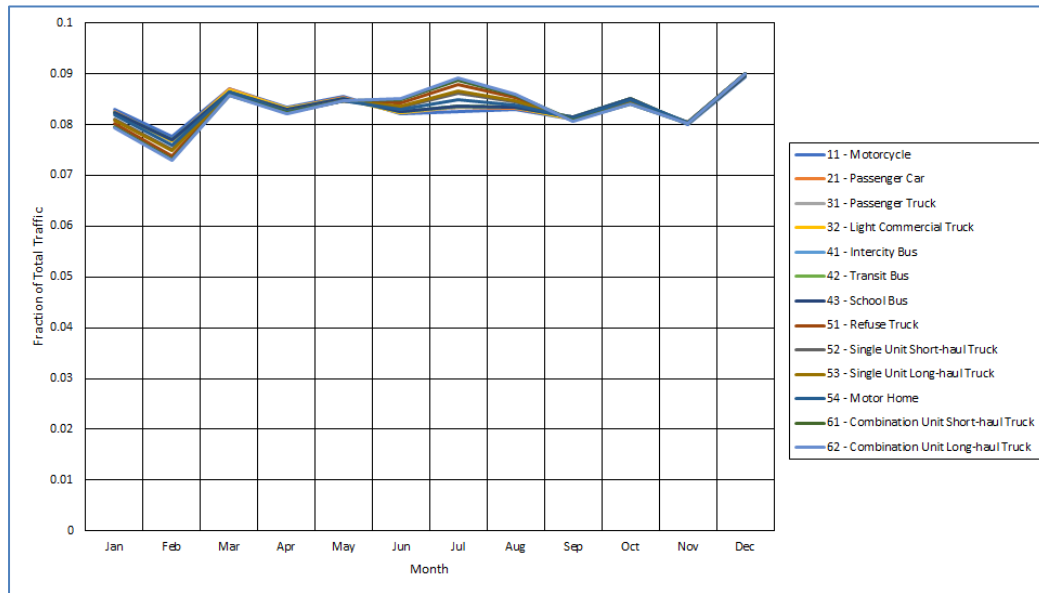


Figure 3-2. MOVES monthly VMT fractions for Clark County, NV.

Weekly Traffic Profiles

The day-of-week profiles in MOVES apportion weekly VMT to two periods of the week: “weekday,” consisting of 5 days, and “weekend,” consisting of 2 days. Figure 3-3 shows a sample of the profiles for passenger cars. The ratio of weekday to weekend VMT grows from left to right, moving from Rural (Road Types 2 and 3) to Urban (Road Types 4 and 5). This pattern of higher weekday VMT on urban roads and unrestricted roads was generally true for all the source types.

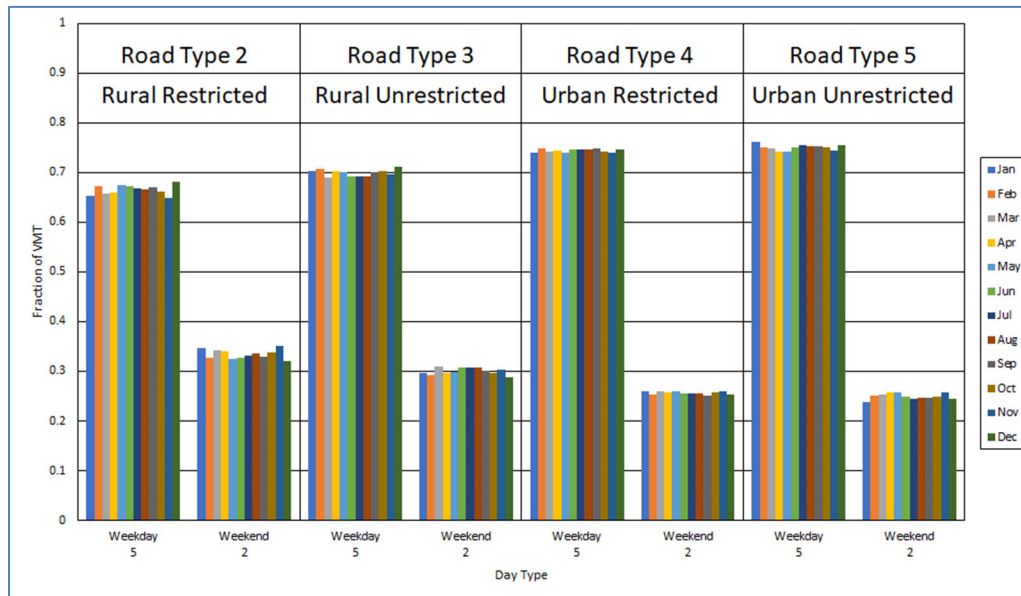


Figure 3-3. An example of MOVES VMT fractions (passenger cars) by day-of-week type.

Figure 3-4 shows a sample of MOVES hourly VMT fractions for passenger cars traveling on weekdays (solid line series) and weekends (broken line series) in Clark County for each of the four MOVES road types. On weekdays, the two Urban Road Types—4 (grey) and 5 (yellow)—have prominent morning peaks in the VMT fractions. Weekend profiles on all road types reach their high point at midday, i.e., between the hours of about noon to 4 p.m.

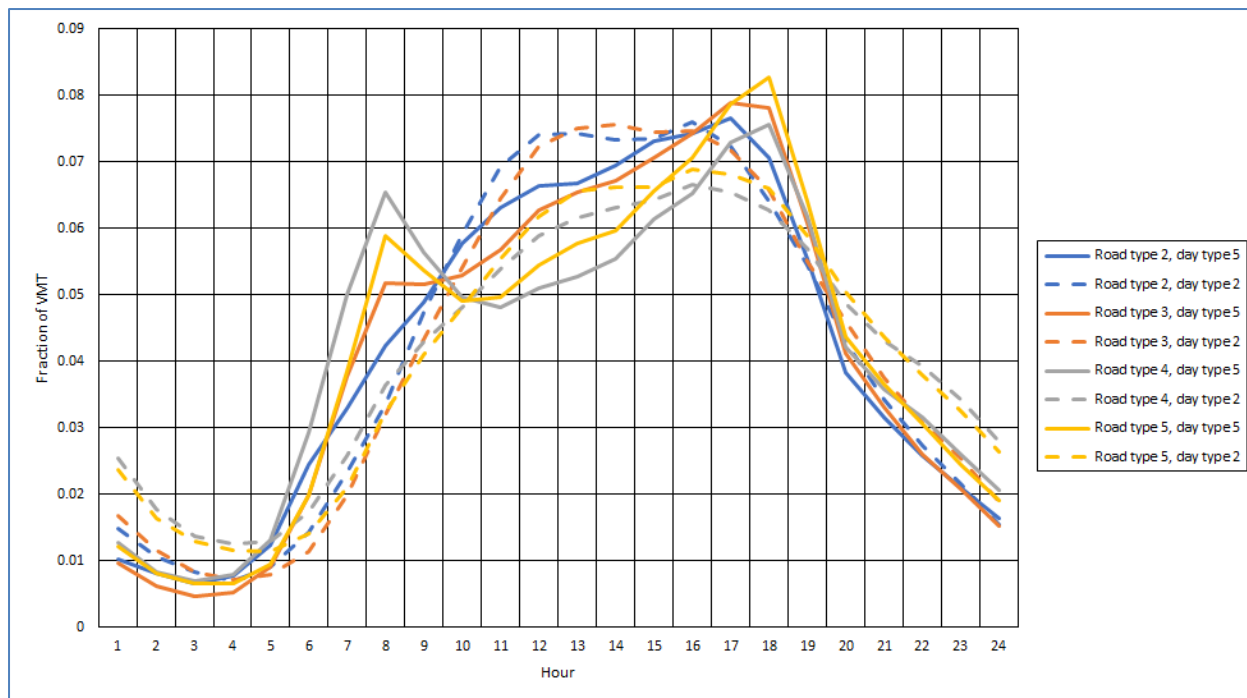


Figure 3-4. An example of MOVES hourly VMT fractions (passenger cars).

3.1.2 Other MOVES Inputs

Activity data for each vehicle type, such as VMT and vehicle population, are important inputs for MOVES. VMT data for 2017 and 2023 for the HA 212 sub-county area were derived from county-level VMT data provided by NDOT's annual Highway Performance Monitoring System (HPMS) using Geographic Information System (GIS) software. The 2026 VMT for HA 212 was projected based on growth factors from the Regional Transportation Commission of Southern Nevada (RTC)'s *Let's Go 2050* plan. Table 3-3 lists annual VMT by source type for the three analysis years.

Table 3-3. Clark County annual VMT by vehicle type within HA 212.

Source ID	Source Type Name	2017	2023	2026
11	Motorcycle	97,052,369	99,619,175	103,701,071
21	Passenger Car	8,337,197,111	8,557,696,322	8,908,347,980
31	Passenger Truck	6,707,008,056	6,884,392,610	7,166,480,638
32	Light Commercial Truck	717,747,677	736,730,411	766,917,944
41	Other Buses	34,415,192	35,325,393	36,772,851
42	Transit Bus	38,192,364	39,202,462	40,808,783
43	School Bus	26,483,513	27,183,939	28,297,801

51	Refuse Truck	12,498,972	12,829,541	13,355,231
52	Single Unit Short-haul Truck	203,538,317	208,921,426	217,481,982
53	Single Unit Long-haul Truck	17,254,844	17,711,194	18,436,911
54	Motor Home	1,703,799	1,748,861	1,820,521
61	Combination Short-haul Truck	149,271,919	153,219,809	159,497,992
62	Combination Long-haul Truck	208,757,079	214,278,211	223,058,262
Total		16,551,121,213	16,988,859,354	17,684,977,968

The MOVES model requires annual or daily VMT by vehicle type. Using the VMT mix information developed from the Clark County Vehicle Classification Study, DAQ generated annual VMTs for each vehicle source type for HA 212. Table 3-4 shows Clark County 2017 annual VMTs by function class within HA 212 from NDOT.

Table 3-4. Clark County 2017 annual VMT by function class within HA 212.

Function Class	2017 Annual VMT
Rural Interstate	37,956,020
Rural Other Principal Arterial	71,177,655
Rural Minor Arterial	0
Rural Major Collector	45,745,974
Rural Minor Collector	1,218,372
Rural Local	8,512,560
Urban Interstate	3,158,264,116
Urban Other Freeways and Expressways	1,509,145,790
Urban Other Principal Arterial	2,045,321,410
Urban Minor Arterial	3,937,878,139
Urban Collector	1,617,429,935
Urban Local	4,118,471,242
Annual Total	16,551,121,213

The 2017 vehicle population came from the Moderate SIP. DAQ acquired new 2022 and 2024 Nevada Department of Motor Vehicle (DMV) registration data for Clark County from global information services provider S&P Global (formerly IHS Markit). The vehicle registration data included VINs, which DAQ's contractor decoded into vehicle attributes, including model years, fuel types, and other information, in order to assign MOVES source types to each vehicle. Adjustments were made for transit buses based on data obtained from the RTC. Vehicle splits to divide the population of heavy-duty trucks into short-haul and long-haul classifications were based on the MOVES default database for single unit trucks and the 2021 Vehicle In-Use Survey (VIUS) for combination unit trucks. The vehicle populations by source type were averaged between 2022 and 2024 to estimate 2023, and projected from 2022 to 2026 using vehicle population growth factors derived from the 2022v1 modeling platform. For the HA 212 sub-county area, vehicle population by source type was adjusted from county-level using human population as a surrogate. Based on census data for human population distribution, DAQ assumed that the source type population within HA 212 is about 95% of the total source type population of Clark County.

Table 3-5 lists the source type populations used in the model for 2017, 2023, and 2026.

Table 3-5. Clark County vehicle population within HA 212.

Source Type ID	Source Type Name	2017	2023	2026
11	Motorcycle	40,367	50,591	53,028
21	Passenger Car	679,162	771,408	839,707
31	Passenger Truck	529,309	771,942	797,900
32	Light Commercial Truck	56,644	51,112	52,006
41	Other Buses	355	267	240
42	Transit Bus	797	831	863
43	School Bus	1,859	2,399	2,465
51	Refuse Truck	601	182	176
52	Single Unit Short-haul Truck	15,575	31,932	31,685
53	Single Unit Long-haul Truck	1,102	1,408	1,406
54	Motor Home	865	272	340
61	Combination Short-haul Truck	4,285	3,881	4,077
62	Combination Long-haul Truck	6,891	3,157	3,316
Total		1,337,813	1,689,383	1,787,208

MOVES also estimates emissions from off-network activity including hoteling, which refers to the hours spent idling for extended periods by drivers of diesel long-haul combination trucks during mandatory rest periods. MOVES accounts for extended idling and auxiliary power unit (APU) use as separate emission processes, as well as a shorter-duration idle referred to as "off-network idling" for most vehicle types. Off-network idle refers to engine-on time while vehicles are stationary during the loading and unloading of passengers and cargo. MOVES inputs for hoteling and off-network idle hours as well as the number of engine starts per day are optional, and no local Clark County data exists; therefore, these activity types rely on MOVES5 default methodology.

Ambient temperature and humidity data were based on the meteorological data collected at Harry Reid International Airport (LAS) in 2017. Table 3-6 presents the average hourly temperature and humidity data used in the MOVES database for July 2017.

Table 3-6. Average hourly temperature and humidity at Harry Reid International Airport for July 2017.

Hour	Temperature (°F)	Humidity (%)
1	90.7	25.7
2	89.4	26.8
3	88.3	28.0
4	87.0	29.7
5	86.1	31.1
6	87.5	30.0
7	90.3	27.7
8	92.3	28.5
9	94.9	25.5
10	97.3	23.9

Hour	Temperature (°F)	Humidity (%)
11	99.6	22.1
12	101.7	19.5
13	103.1	18.4
14	103.7	17.9
15	104.3	16.4
16	104.1	16.5
17	104.1	16.3
18	102.8	16.6
19	100.8	18.1
20	98.8	19.9
21	96.9	21.3
22	95.2	22.1
23	93.5	23.4
24	91.9	25.6

DAQ provided the MOVES5-formatted age distribution and Alternative Vehicle and Fuel Technology (AVFT) based on the same VIN-decoding analysis described above, focusing on the 2022 vehicle registration dataset. Consistent with the 2022v1 modeling platform, the same 2022 age distribution by source type was applied in all analysis years without modification. The AVFT table is a MOVES input containing distributions of fuel types that sum to one (1) for each vehicle model year and source type combination. The 2022 AVFT table describes all model years required for a 2017 MOVES run (i.e., no back casting necessary) and was therefore directly used in the base year. DAQ forecasted AVFT to future years using the MOVES5 AVFT Tool to prepare AVFT inputs for 2023 and 2026. The AVFT Tool adds the newer vehicle model years absent in the base year AVFT and accounts for an increasing market share of electric vehicles in the future.

DAQ used the 2022v1 modeling platform speed distributions for Clark County. These data came from the 2020 National Emissions Inventory (NEI), where EPA purchased nationwide vehicle telematics data from mobility analytics provider StreetLight and prepared MOVES formatted speed distributions for every county by month. The 2022v1 platform used only January 2020 data from the NEI to avoid any pandemic impacts on activity, because EPA assessed that vehicle speed had recovered to normal by 2022. DAQ used the same speed distributions in all analysis years, consistent with EPA modeling platforms.

DAQ also used fuel parameters from the MOVES5 default database. Both gasoline and diesel sulfur levels are required to meet EPA requirements for low sulfur content as part of the Tier 2 standard (before 2017) or the Tier 3 standard (after 2017). Nevada caps the fuel Reid vapor pressure in Clark County at 9.0 pounds per square inch (psi), with a 1.0-psi waiver for ethanol-blended fuels.

Information regarding vehicle I/M programs is another important input for the MOVES model. In the Las Vegas Valley, the state I/M program requires an annual two-speed idle test for 1995 and older vehicles, and on-board diagnostics checks (exhaust and evaporative) for 1996 and newer vehicles. In the past, the I/M program exempted a new vehicle from emissions testing for the first 2 years. During the 2021 legislative session, Nevada Bill

AB 349 changed the I/M grace period from 2 years to 3 years. DAQ incorporated this information into MOVES modeling using a 2-year grace period for 2017 and a 3-year grace period for 2023 and 2026.

3.2 On-road Mobile Emissions Estimates

Table 3-7 shows HA 212 summer weekday on-road emission estimates for 2017, 2023, and 2026. ERG ran MOVES5 for a typical July weekday using meteorological data in Table 3-6 to represent typical summertime on-road NO_x and VOC emissions. Emission estimates for both ozone precursors significantly decrease from 2017 to 2023 due to fleet turnover with the implementation of stringent emissions control limits such as Tier 3 standards, which phase in starting in 2017.

Table 3-7. Clark County on-road mobile emissions in July (TPD) within HA 212.

Pollutant	2017	2023	2026
VOC	25.89	17.95	15.79
NO _x	41.84	22.43	16.41

4.0 Nonroad Source Emissions

Nonroad mobile sources include a wide variety of motorized equipment types that either move under their own power off the roadway network or can be moved from site to site. The nonroad mobile source emissions for the years 2017, 2023, and 2026 were estimated for Clark County by ERG using the nonroad module of the latest MOVES model, MOVES5⁵ (February 2025, EPA-420-R-25-005).

To develop HA 212 sub-county ozone season weekday emissions estimates, SMOKE was run for weekdays of a single week (Monday through Friday) in July (without a holiday) on a grid covering the nonattainment area with 4 km grid spacing (Figure 2-1) using monthly nonroad emissions data by Source Classification Code (SCC) in the FF10 flat data file format. The total emission estimates within the modeling domain were summed for NO_x and VOC and averaged over all five weekdays. Several ancillary (e.g., cross-references) data files are required when running SMOKE. Ancillary files from respective EMPs were used. The resulting HA 212 nonroad emissions are provided by SCC in Attachment A. Table 4-1 shows July 2017, 2023, and 2026 average weekday total nonroad emissions within HA 212.

Table 4-1. Clark County nonroad emissions in July (TPD) within HA 212.

Pollutant	2017	2023	2026
VOC	25.38	23.67	23.72
NO _x	36.86	22.80	18.91

5.0 Nonpoint Source Emissions

Nonpoint sources are stationary sources that fall below point source reporting levels and are too numerous or small to identify individually, e.g., small-scale industrial, commercial, or

⁵ <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P101DQ9V.pdf>

residential operations that use emission-generating materials or processes. To develop the Clark County HA 212 inventory, the 2017 nonpoint emissions from the 2017 EMP, and 2023 and 2026 emissions from the 2016v3 EMP projections were used. As required for the Moderate Ozone SIP, Clark County DAQ developed and adopted a set of VOC emission control measures that will be fully implemented in 2026. The expected VOC reductions from these measures to specific source category codes were applied based on DAQ's inputs.

The nonpoint category includes locomotive, volatile chemical products (VCP), industrial/commercial/residential fuel combustion, asphalt paving, residential wood combustion, and other area sources. The 2016v3 EMP uses EPA's new approach and data to derive emissions for VCP sources; the 2017 EMP and previous emissions inventories reported VCP emissions based on an older methodology. To obtain 2017 VCP estimates based on a consistent methodology, VCP emissions reported in the 2016v3 EMP between 2016 and 2023 were linearly interpolated to 2017 instead of using emissions from the 2017 EMP. Table 5-1 provides a detailed overview of annual VOC emissions from VCP sources in Clark County for the years 2017 (interpolated), 2023 and 2026.

Table 5-1. Clark County VCP VOC emissions by SCC for 2017, 2023 and 2026.

SCC	SCC Description	Interpolated 2017 (tons/year)	2023 (tons/year)	2026 (tons/year)
2401001000	Architectural Coatings	1760	1922	2053
2401005000	Auto Refinishing: SIC 7532	158	172	184
2401008000	Traffic Markings	303	331	353
2401015000	Factory Finished Wood: SIC 2426—242	3	3	3
2401020000	Wood Furniture: SIC 25	44	48	52
2401025000	Metal Furniture: SIC 25	56	61	65
2401030000	Paper: SIC 26	0	0	0
2401055000	Machinery and Equipment: SIC 35	5	6	6
2401065000	Electronic and Other Electrical: SIC 36 - 363	17	18	19
2401070000	Motor Vehicles: SIC 371	6	6	7
2401075000	Aircraft: SIC 372	0	0	0
2401090000	Surface Coating: Miscellaneous Manufacturing	40	43	46
2401100000	Industrial Maintenance Coatings	534	583	623
2401200000	Other Special Purpose Coatings	248	271	289
2415000000	Degreasing: All Processes/All Industries	230	230	230
2420000000	Dry Cleaning	12	12	12
2425000000	Graphic Arts	804	878	938
2460030999	C&C: Lighter Fluid, Fire Starter, Other Fuels	48	52	56
2460100000	C&C: Personal Care Products	3192	3486	3,724
2460200000	C&C: Household Products	2425	2648	2,829
2460400000	C&C: Automotive Aftermarket Products	300	327	350
2460500000	C&C: Coatings and Related Products	2381	2599	2,777

SCC	SCC Description	Interpolated 2017 (tons/year)	2023 (tons/year)	2026 (tons/year)
2460600000	C&C: Adhesives and Sealants	2110	2304	2,461
2460800000	C&C: FIFRA Related Products	172	187	200
2460900000	C&C: Miscellaneous Products (Not Otherwise Covered)	40	44	47
2461021000	Cutback Asphalt	303	303	303
2461022000	Emulsified Asphalt	1226	1226	1,226
2461850000	Pesticide Application: Agricultural	1	1	0
Total		16,416	17,762	18,855

SMOKE was run on the HA 212 grid (Figure 2-1) for weekdays of a single week (Monday through Friday) in July (without a holiday) to generate ozone season weekday emission estimates using annual nonpoint emissions data by SCC in FF10 flat data file formats. The total emission estimates within the modeling domain were summed for NO_x and VOC and averaged over all five weekdays. When running SMOKE, several ancillary (e.g., cross-references) data files are required. The ancillary data files from respective EMPs were used. The resulting HA 212 nonpoint emissions are provided by SCC in Attachment A. Table 5-2 shows July 2017, 2023, and 2026 average weekday total locomotive emissions⁶ within HA 212. Similarly, Table 5-3 shows July 2017, 2023, and 2026 average weekday emissions for all other nonpoint sources, excluding locomotives, within HA 212. The 2026 emissions in this table reflect the estimated VOC reductions from the Moderate SIP control measures.

Table 5-2. Clark County locomotive July weekday emissions (TPD) within HA 212.

Pollutant	2017	2023	2026
VOC	0.04	0.03	0.03
NO_x	0.80	0.66	0.62

Table 5-3. Clark County nonpoint emissions in July (TPD) within HA 212.

Pollutant	2017	2023	2026
VOC	57.72	59.15	47.09
NO_x	6.15	6.46	6.53

6.0 Point Source Emissions

Point sources are larger stationary sources that emit above mandatory reporting levels and must be permitted. Examples include power plants, industrial boilers, and various other industrial/commercial facilities. Clark County's point source inventory includes all Title V stationary and all minor sources within HA 212 that have the potential to emit at least 10 tons of VOCs or 25 tons of NO_x annually. The 2017 and 2023 point source inventories were based on annual reports submitted by individual facilities. Emissions for 2026 were

⁶ The SCC codes used to calculate the locomotive emissions are in provided in Attachment A, Table A1, page A-3.

estimated by projecting from the 2023 emissions using growth factors derived from the EPA 2022v1 EMP. Point source emission inventories were developed from either data collected by direct on-site measurements or calculated using EPA emission factors and activity data. Emissions from all minor sources emitting less than 10 tons of VOCs or 25 tons of NO_x were included in the nonpoint source category.

Table 6-1 provides the overall NO_x and VOC point source emissions for 2017, 2023, and 2026. The resulting HA 212 point source emissions by individual unit are listed in Attachment B.

Table 6-1. Clark County point source emissions within HA 212 (tons per summer day).

Pollutant	2017	2023	2026
VOC	1.25	1.88	1.89
NO _x	2.92	3.22	3.25

7.0 Commercial Aviation

Commercial aviation within HA 212 covers emissions from three primary airports: Harry Reid International Airport, North Las Vegas Airport, and Henderson Executive Airport. The Clark County Department of Aviation (DOA) has provided emissions data for the year 2017, as well as projections for 2023 and 2032. These emission inventories were developed using the Federal Aviation Administration's Aviation Environmental Design Tool (AEDT), version 3b. The 2026 emissions were estimated by interpolating from 2023 and 2032 emissions data. DOA calculated design day emissions using the default meteorology in AEDT. The design day was in October, so DOA developed correction factors to account for the differences in meteorology between the design day and a typical summer weekday. These correction factors were applied to the emission inventories for all the airports. Table 7-1 presents 2017, 2023, and 2026 emissions for commercial aviation.

Table 7-1. Commercial aviation emissions (tons per summer day).

	2017		2023		2026	
Airport	NO _x	VOC	NO _x	VOC	NO _x	VOC
Harry Reid International Airport	10.95	1.11	12.55	1.11	12.75	1.14
North Las Vegas Airport	0.24	0.38	0.23	0.37	0.24	0.39
Henderson Executive Airport	0.21	0.21	0.22	0.22	0.24	0.23
Total	11.40	1.72	13.01	1.70	13.23	1.77

8.0 Federal Aviation

Federal aviation emissions within HA 212 primarily originate from Nellis Air Force Base. Table 8-1 presents 2017 actual, 2023 projected, and 2026 projected emissions from aircraft operations obtained from Clark County's 1997 8-hour Ozone Second Maintenance Plan (DAQ, 2021a). The 2026 emissions were estimated by interpolating between the 2023 and 2033 emissions.

Table 8-1. Federal aviation emissions for 2017 (actual), 2023 (projected), and 2026 (projected) within HA 212.

	2017		2023		2026	
Airport	NO_x	VOC	NO_x	VOC	NO_x	VOC
Nellis Air Force Base	0.50	0.24	2.03	0.84	2.18	0.90
Air Force Training Project			0.49	0.08	0.49	0.08
Total	0.50	0.24	2.52	0.92	2.67	0.98

9.0 Banked Emission Reduction Credits (ERC)

Emission Reduction Credits (ERCs) may be granted, under strict guidelines, upon request to an emissions source that voluntarily reduces emissions beyond required levels of control. ERCs may be sold, leased, banked for future use, or traded in accordance with applicable regulations. When used to offset emissions, they are permanently retired. ERCs are intended to provide an incentive for reducing emissions and establish a framework to promote a market-based approach to regulating air pollution. Tables 9-1 and 9-2 outline the ERCs currently banked in Clark County for HA 212.

Table 9-1. ERC Balance for NO_x within HA 212.

Owner ID – Name	ERC Balance
4 - CERTAIN TEED CORPORATION	16.5
3 - CHEMICAL LIME COMPANY	78.7
347 - MORGAN ADHESIVES COMPANY / MACTAC	1
99 - NEVADA READY MIX	60.4
477 - NV ENERGY	13.78
279 - SILVER STATE MATERIALS CORP.	9
19 - TITANIUM METALS CORP. (TIMET)	157.8
Total (tpy)	337.18
Total (tpd)	0.92

Table 9-2. ERC Balance for VOC within HA 212.

Owner ID – Name	ERC Balance
4 - CERTAIN TEED CORPORATION	0.13
347 - MORGAN ADHESIVES COMPANY / MACTAC	17.5
99 - NEVADA READY MIX	1.3
477 - NV ENERGY	0.08
279 - SILVER STATE MATERIALS CORP	0.7
Total (tpy)	19.71
Total (tpd)	0.05

10.0 Moderate SIP Emission Controls

As required for the moderate ozone nonattainment SIP, Clark County DAQ developed and adopted a set of VOC emission control measures that will be fully implemented by 2026. The Rate of Progress (ROP) Plan, required for moderate ozone nonattainment areas, mandates a 15% VOC reduction starting from 2017. To meet this requirement, DAQ adopted six VOC measures associated with the Control Techniques Guideline (CTG) Reasonably Available Control Technologies (RACT) (DAQ, 2024a), along with an additional local measure for architectural and industrial maintenance (AIM) coatings that follows the Ozone Transport Commission (OTC) model rules, Phases I-II (DAQ, 2024b). Additionally, DAQ has since adopted one contingency measure for Stage I Enhanced Vapor Recovery (EVR) at gasoline-dispensing facilities within the nonattainment area (DAQ, 2024c). Table 10-1 lists each of these control measures and estimated VOC reductions in 2026.

Table 10-1. Emission control measures and estimated VOC reductions in 2026 adopted from the Clark County Moderate Ozone SIP.

Control Measure	Description	2026 VOC Emissions Reductions (tpd)
CTG RACT	Metal and plastic parts surface coating	0.13
	Degreasing	0.33
	Industrial adhesives	0.90
	Industrial cleaning solvents	3.60 ^a
	Graphic arts	1.47 ^b
	Cutback asphalt (HA 212)	0.62
	Subtotal	7.05
Local Control Measures	AIM coatings from OTC model rules (Phases I–II)	3.83
	Contingency Stage 1 EVR	3.72
	Subtotal	7.55
Total Reduction		14.60

^a Revised as part of the Serious SIP to reflect updated point source data from EPA's 2022v1 emissions inventory.

^b Revised as part of the Serious SIP to correct a calculation error in the Moderate SIP.

11.0 Quality Assurance of Emissions

Thorough quality assurance (QA) and quality control (QC) checks of emissions were performed following the procedures developed by the Western Regional Air Partnership (WRAP) (Adelman, 2004) for all source categories. SMOKE's advanced quality assurance features, which include error logs when emissions are dropped or added during emissions processing, were leveraged as part of this QA/QC process. SMOKE log files for each processing stream were carefully reviewed to resolve any errors or critical warning messages before making a final SMOKE run. The QA activities of emissions data for each source category are described below.

For on-road mobile sources, most input datasets were generated from a locally specific vehicle study, and these datasets were carefully reviewed and checked. Some input datasets were submitted to EPA through the Emissions Inventory System (EIS), which includes several QA and QC checks. The MOVES model also included internal checks to ensure that all input datasets were properly imported into the MySQL database, with all green checks showing before the model was run. The output database was carefully reviewed to ensure there were no error messages. The emissions outcomes were reviewed and compared to other inventory data, such as inventories from the NEI, different years, and other counties, for reasonableness and consistency.

For nonroad and nonpoint sources, the primary data sources for the inventory were the 2017 Emissions Modeling platform (EMP) based on the 2017 NEI (EPA, 2022), the 2016v3 EMP 2023 and 2026 projections (EPA, 2023) and the EPA's 2022v1 EMP (EPA, 2024). EPA performed QA/QC checks on these datasets, which were then thoroughly reviewed again before being used. These inventories and the SMOKE modeling system for the 2016v3

platform were used without modification to develop emissions for HA 212. The emission outcomes were compared to those from the NEI and other counties for reasonableness and consistency. The spatial distribution of emissions was checked using gridded emissions maps. The emissions maps consistently aligned with the distribution of population and housing density within HA 212, showcasing correct spatial allocation of emissions. The point source emission inventories submitted by facilities were checked by the DAQ compliance staff following procedures outlined in the Emissions Inventory Report Review and Audit Process (DAQ, 2021b).

12.0 References

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Attachment A: Clark County Nonattainment Area Nonpoint and Nonroad (Including Locomotive) Emissions by SCC

Attachment A: Clark County Nonattainment Area Nonpoint and Nonroad (Including Locomotive) Emissions by SCC

Table A1. HA 212 ozone season weekday nonpoint (including locomotives) emissions by SCC.

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2102002000	Stationary Source Fuel Combustion; Industrial; Bituminous/Subbituminous Coal; Total: All Boiler Types	0.2112	0.0010	0.1785	0.0008	0.1813	0.0008
2102004001	Stationary Source Fuel Combustion; Industrial; Distillate Oil; All Boiler Types	0.1089	0.0011	0.1339	0.0013	0.1366	0.0014
2102004002	Stationary Source Fuel Combustion; Industrial; Distillate Oil; All IC Engine Types	2.1933	0.1525	2.6965	0.1875	2.7510	0.1913
2102006000	Stationary Source Fuel Combustion; Industrial; Natural Gas; Total: Boilers and IC Engines	0.9840	0.0541	1.0142	0.0666	0.9923	0.0683
2102007000	Stationary Source Fuel Combustion; Industrial; Liquified Petroleum Gas (LPG); Total: All Boiler Types	0.0656	0.0024	0.0044	0.0002	0.0075	0.0003
2102008000	Stationary Source Fuel Combustion; Industrial; Wood; Total: All Boiler Types	0.0229	0.0018	0.0210	0.0016	0.0224	0.0017
2103004001	Stationary Source Fuel Combustion; Commercial/Institutional; Distillate Oil; Boilers	0.0007	<0.0001	0.0007	0.0000	0.0007	<0.0001
2103004002	Stationary Source Fuel Combustion; Commercial/Institutional; Distillate Oil; IC Engines	0.0011	0.0001	0.0011	0.0001	0.0011	0.0001
2103006000	Stationary Source Fuel Combustion; Commercial/Institutional; Natural Gas; Total: Boilers and IC Engines	1.9344	0.1064	1.7803	0.1087	1.8027	0.1158
2103007000	Stationary Source Fuel Combustion; Commercial/Institutional; Liquified Petroleum Gas (LPG); Total: All Combustor Types	0.0750	0.0027	0.0750	0.0027	0.0750	0.0027

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2103008000	Stationary Source Fuel Combustion; Commercial/Institutional; Wood; Total: All Boiler Types	0.0373	0.0029	0.0372	0.0029	0.0372	0.0029
2103011000	Stationary Source Fuel Combustion; Commercial/Institutional; Kerosene; Total: All Combustor Types	0.0005	<0.0001	0.0005	0.0000	0.0005	<0.0001
2104004000	Stationary Source Fuel Combustion; Residential; Distillate Oil; Total: All Combustor Types	0.0002	<0.0001	0.0002	0.0000	0.0002	<0.0001
2104006000	Stationary Source Fuel Combustion; Residential; Natural Gas; Total: All Combustor Types	0.2233	0.0131	0.2233	0.0131	0.2233	0.0131
2104007000	Stationary Source Fuel Combustion; Residential; Liquified Petroleum Gas (LPG); Total: All Combustor Types	0.0065	0.0003	0.0065	0.0003	0.0065	0.0003
2104008610	Stationary Source Fuel Combustion; Residential; Wood; Hydronic heater: outdoor	0.0002	0.0068	0.0002	0.0070	0.0002	0.0069
2104008620	Stationary Source Fuel Combustion; Residential; Wood; Hydronic heater: indoor	0.0001	0.0043	0.0001	0.0044	0.0001	0.0044
2104008630	Stationary Source Fuel Combustion; Residential; Wood; Hydronic heater: pellet-fired	<0.0001	<0.0001	0.0000	0.0000	<0.0001	<0.0001
2104008700	Stationary Source Fuel Combustion; Residential; Wood; Outdoor wood burning device, NEC (fire-pits, chimneys, etc.)	0.0541	0.3934	0.0599	0.4354	0.0611	0.4438
2285002006	Mobile Sources; Railroad Equipment; Diesel; Line Haul Locomotives: Class I Operations	0.7936	0.0366	0.6543	0.0282	0.6131	0.0254
2285002007	Mobile Sources; Railroad Equipment; Diesel; Line Haul Locomotives: Class II / III Operations	0.0046	0.0002	0.0047	0.0002	0.0047	0.0002
2302002100	Industrial Processes; Food and Kindred Products: SIC 20; Commercial Cooking - Charbroiling; Conveyorized Charbroiling	--	0.0659	0.0000	0.0731	--	0.0781

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2302002200	Industrial Processes; Food and Kindred Products: SIC 20; Commercial Cooking - Charbroiling; Under-fired Charbroiling	--	0.2243	0.0000	0.2487	--	0.2657
2302003000	Industrial Processes; Food and Kindred Products: SIC 20; Commercial Cooking - Frying; Deep Fat Frying	--	0.0472	0.0000	0.0523	--	0.0559
2302003100	Industrial Processes; Food and Kindred Products: SIC 20; Commercial Cooking - Frying; Flat Griddle Frying	--	0.0290	0.0000	0.0322	--	0.0344
2302003200	Industrial Processes; Food and Kindred Products: SIC 20; Commercial Cooking - Frying; Clamshell Griddle Frying	--	0.0015	0.0000	0.0017	--	0.0018
2401001000	Architectural Coatings	--	4.8222	0.0000	5.0003	--	2.4374
2401005000	Auto Refinishing: SIC 7532	--	0.4317	0.0000	0.4513	--	0.4822
2401008000	Traffic Markings	--	0.8299	0.0000	0.6733	--	0.7194
2401015000	Factory Finished Wood: SIC 2426 thru 242	--	0.0075	0.0000	0.0083	--	0.0088
2401020000	Wood Furniture: SIC 25	--	0.1210	0.0000	0.1312	--	0.1402
2401025000	Metal Furniture: SIC 25	--	0.1522	0.0000	0.1650	--	0.1269
2401030000	Paper: SIC 26	--	0.0008	0.0000	0.0009	--	0.0010
2401055000	Machinery and Equipment: SIC 35	--	0.0143	0.0000	0.0155	--	0.0119
2401065000	Electronic and Other Electrical: SIC 36 - 363	--	0.0458	0.0000	0.0496	--	0.0373
2401070000	Motor Vehicles: SIC 371	--	0.0161	0.0000	0.0181	--	0.0139
2401075000	Aircraft: SIC 372	--	0.0003	0.0000	0.0004	--	0.0003
2401090000	Surface Coating: Miscellaneous Manufacturing	--	0.1087	0.0000	0.1185	--	0.0912
2401100000	Industrial Maintenance Coatings	--	1.4639	0.0000	1.5965	--	0.7808
2401200000	Other Special Purpose Coatings	--	0.6791	0.0000	0.7407	--	0.1939
2415000000	Degreasing: All Processes/All Industries	--	0.6300	0.0000	0.6256	--	0.2942
2420000000	Dry Cleaning	--	0.0325	0.0000	0.0326	--	0.0326

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2425000000	Graphic Arts	--	2.2024	0.0000	2.3880	--	1.0814
2460030999	C&C: Lighter Fluid, Fire Starter, Other Fuels	--	0.1308	0.0000	0.1398	--	0.1494
2460100000	C&C: Personal Care Products	--	8.7457	0.0000	9.3469	--	9.9864
2460200000	C&C: Household Products	--	6.6442	0.0000	7.1009	--	7.5867
2460400000	C&C: Automotive Aftermarket Products	--	0.8215	0.0000	0.8780	--	0.9380
2460500000	C&C: Coatings and Related Products	--	6.5223	0.0000	6.9707	--	4.4442
2460600000	C&C: Adhesives and Sealants	--	5.7803	0.0000	6.1776	--	5.7027
2460800000	C&C: FIFRA Related Products	--	0.4702	0.0000	0.5025	--	0.5369
2460900000	C&C: Miscellaneous Products (Not Otherwise Covered)	--	0.1100	0.0000	0.1175	--	0.1256
2461021000	Cutback Asphalt	--	0.8300	0.0000	0.7767	--	0.1527
2461022000	Emulsified Asphalt	--	3.3588	0.0000	3.1428	--	3.1428
2461850000	Pesticide Application: Agricultural	--	0.0037	0.0000	0.0001	--	0.0001
2501011011	Storage and Transport; Petroleum and Petroleum Product Storage; Residential Portable Gas Cans; Permeation	--	0.2020	0.0000	0.2240	--	0.2393
2501011012	Storage and Transport; Petroleum and Petroleum Product Storage; Residential Portable Gas Cans; Evaporation (includes Diurnal losses)	--	0.2267	0.0000	0.2513	--	0.2685
2501011013	Storage and Transport; Petroleum and Petroleum Product Storage; Residential Portable Gas Cans; Spillage During Transport	--	0.2808	0.0000	0.3114	--	0.3327
2501011014	Storage and Transport; Petroleum and Petroleum Product Storage; Residential Portable Gas Cans; Refilling at the Pump - Vapor Displacement	--	0.0577	0.0000	0.0639	--	0.0683
2501011015	Storage and Transport; Petroleum and Petroleum Product Storage; Residential Portable Gas Cans; Refilling at the Pump - Spillage	--	0.0083	0.0000	0.0092	--	0.0098

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2501012011	Storage and Transport; Petroleum and Petroleum Product Storage; Commercial Portable Gas Cans; Permeation	--	0.0097	0.0000	0.0108	--	0.0115
2501012012	Storage and Transport; Petroleum and Petroleum Product Storage; Commercial Portable Gas Cans; Evaporation (includes Diurnal losses)	--	0.0080	0.0000	0.0088	--	0.0095
2501012013	Storage and Transport; Petroleum and Petroleum Product Storage; Commercial Portable Gas Cans; Spillage During Transport	--	0.5030	0.0000	0.5578	--	0.5960
2501012014	Storage and Transport; Petroleum and Petroleum Product Storage; Commercial Portable Gas Cans; Refilling at the Pump - Vapor Displacement	--	0.2181	0.0000	0.2419	--	0.2584
2501012015	Storage and Transport; Petroleum and Petroleum Product Storage; Commercial Portable Gas Cans; Refilling at the Pump - Spillage	--	0.0210	0.0000	0.0233	--	0.0249
2501050120	Storage and Transport; Petroleum and Petroleum Product Storage; Bulk Terminals: All Evaporative Losses; Gasoline	--	1.2891	0.0000	1.1602	--	1.0622
2501055120	Storage and Transport; Petroleum and Petroleum Product Storage; Bulk Plants: All Evaporative Losses; Gasoline	--	0.0003	0.0000	0.0002	--	0.0002
2501060051	Storage and Transport; Petroleum and Petroleum Product Storage; Gasoline Service Stations; Stage 1: Submerged Filling	--	5.5886	0.0000	4.8385	--	0.8938
2501060053	Storage and Transport; Petroleum and Petroleum Product Storage; Gasoline Service Stations; Stage 1: Balanced Submerged Filling	--	0.2157	0.0000	0.1867	--	0.0326

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2501060201	Storage and Transport; Petroleum and Petroleum Product Storage; Gasoline Service Stations; Underground Tank: Breathing and Emptying	--	1.0519	0.0000	0.9107	--	0.8421
2501080050	Storage and Transport; Petroleum and Petroleum Product Storage; Airports : Aviation Gasoline; Stage 1: Total	--	0.3451	0.0000	0.3320	--	0.3320
2501080100	Storage and Transport; Petroleum and Petroleum Product Storage; Airports : Aviation Gasoline; Stage 2: Total	--	0.0004	0.0000	0.0004	--	0.0004
2505030120	Storage and Transport; Petroleum and Petroleum Product Transport; Truck; Gasoline	--	0.0706	0.0000	0.0635	--	0.0588
2505040120	Storage and Transport; Petroleum and Petroleum Product Transport; Pipeline; Gasoline	--	0.1018	0.0000	0.0916	--	0.0839
2610000500	Waste Disposal, Treatment, and Recovery; Open Burning; All Categories; Land Clearing Debris (use 28-10-005-000 for Logging Debris Burning)	0.1672	0.4723	0.1672	0.4723	0.1672	0.4723
2610030000	Waste Disposal, Treatment, and Recovery; Open Burning; Residential; Household Waste (use 26-10-000-xxx for Yard Wastes)	0.0188	0.0196	0.0188	0.0196	0.0188	0.0196
2630020000	Waste Disposal, Treatment, and Recovery; Wastewater Treatment; Public Owned; Total Processed	--	0.0757	0.0000	0.0839	--	0.0896
2680003000	Waste Disposal, Treatment, and Recovery; Composting; 100% Green Waste (e.g., residential or municipal yard wastes); All Processes	--	0.7757	0.0000	0.7757	--	0.7757

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2805002000	Miscellaneous Area Sources; Agriculture Production - Livestock; Beef cattle production composite; Not Elsewhere Classified	--	0.0019	0.0000	0.0018	--	0.0019
2805007100	Miscellaneous Area Sources; Agriculture Production - Livestock; Poultry Waste; Poultry Production - Layers with Dry Manure Management Systems: Confinement	--	<0.0001	0.0000	0.0000	--	<0.0001
2805009100	Miscellaneous Area Sources; Agriculture Production - Livestock; Poultry production - broilers; Confinement	--	<0.0001	0.0000	0.0000	--	<0.0001
2805010100	Miscellaneous Area Sources; Agriculture Production - Livestock; Poultry production - turkeys; Confinement	--	<0.0001	0.0000	0.0000	--	<0.0001
2805018000	Miscellaneous Area Sources; Agriculture Production - Livestock; Dairy cattle composite; Not Elsewhere Classified	--	<0.0001	0.0000	0.0000	--	<0.0001
2805025000	Miscellaneous Area Sources; Agriculture Production - Livestock; Swine production composite; Not Elsewhere Classified (see also 28-05-039, -047, -053)	--	<0.0001	0.0000	0.0000	--	<0.0001
2805035000	Miscellaneous Area Sources; Agriculture Production - Livestock; Horses and Ponies Waste Emissions; Not Elsewhere Classified	--	0.0003	0.0000	0.0003	--	0.0003
2805040000	Miscellaneous Area Sources; Agriculture Production - Livestock; Sheep and Lambs Waste Emissions; Total	--	<0.0001	0.0000	0.0000	--	<0.0001
2805045000	Miscellaneous Area Sources; Agriculture Production - Livestock; Goats Waste Emissions; Not Elsewhere Classified	--	<0.0001	0.0000	0.0000	--	<0.0001

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2810025000	Miscellaneous Area Sources; Other Combustion; Residential Grilling (see 23-02-002-xxx for Commercial); Total	0.0362	0.0960	0.0402	0.1065	0.0429	0.1138
2810060100	Miscellaneous Area Sources; Other Combustion; Cremation; Humans	0.0048	0.0004	0.0053	0.0004	0.0056	0.0005
2810060200	Miscellaneous Area Sources; Other Combustion; Cremation; Animals	<0.0001	<0.0001	0.0000	0.0000	<0.0001	<0.0001
Grand Total		6.9445	57.7641	7.1240	59.1851	7.1522	47.0900

Table A2. HA 212 ozone season weekday nonroad emissions by SCC.

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2260001022	Mobile Sources; Off-highway Vehicle Gasoline, 2-Stroke; Recreational Equipment; Off-Road Motorcycles and ATVs	0.0057	0.4722	0.0064	0.3722	0.0066	0.3644
2260001060	Mobile Sources; Off-highway Vehicle Gasoline, 2-Stroke; Recreational Equipment; Specialty Vehicles/Carts	0.0047	0.0326	0.0044	0.0268	0.0046	0.0274
2260002022	Mobile Sources; Off-highway Vehicle Gasoline, 2-Stroke; Construction and Mining Equipment; Total	0.0490	1.9247	0.0554	2.1899	0.0553	2.1870
2260003022	Mobile Sources; Off-highway Vehicle Gasoline, 2-Stroke; Industrial Equipment; Total Except AC Refrigeration	<0.0001	0.0006	<0.0001	0.0007	0.0000	0.0008
2260004020	Mobile Sources; Off-highway Vehicle Gasoline, 2-Stroke; Lawn and Garden Equipment; Chain Saws < 6 hp (Residential)	0.0049	0.1951	0.0051	0.2032	0.0053	0.2093
2260004021	Mobile Sources; Off-highway Vehicle Gasoline, 2-Stroke; Lawn and Garden Equipment; Chain Saws < 6 hp (Commercial)	0.0525	2.3737	0.0550	2.5134	0.0566	2.5883
2260004022	Mobile Sources; Off-highway Vehicle Gasoline, 2-Stroke; Lawn and Garden Equipment; Mowers, Tractors, Turf Equipment (Commercial)	<0.0001	0.0006	<0.0001	0.0006	0.0000	0.0006
2260004033	Mobile Sources; Off-highway Vehicle Gasoline, 2-Stroke; Lawn and Garden Equipment; All Residential Except Chain Saws and Snowblowers	0.0185	0.6370	0.0194	0.6105	0.0200	0.6286
2260004044	Mobile Sources; Off-highway Vehicle Gasoline, 2-Stroke; Lawn and Garden Equipment; Other Commercial	0.1494	4.0052	0.1563	4.2175	0.1610	4.3426
2260005022	Mobile Sources; Off-highway Vehicle Gasoline, 2-Stroke; Agricultural Equipment; Total	<0.0001	<0.0001	<0.0001	0.0000	0.0000	0.0000

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2260006022	Mobile Sources; Off-highway Vehicle Gasoline, 2-Stroke; Commercial Equipment; Total	0.0039	0.1136	0.0046	0.1299	0.0049	0.1387
2265001022	Mobile Sources; Off-highway Vehicle Gasoline, 4-Stroke; Recreational Equipment; Off-Road Motorcycles and ATVs	0.0160	0.2619	0.0155	0.2257	0.0158	0.2282
2265001050	Mobile Sources; Off-highway Vehicle Gasoline, 4-Stroke; Recreational Equipment; Golf Carts	0.0276	0.1095	0.0290	0.1130	0.0298	0.1164
2265001060	Mobile Sources; Off-highway Vehicle Gasoline, 4-Stroke; Recreational Equipment; Specialty Vehicles/Carts	0.0059	0.0336	0.0046	0.0238	0.0041	0.0206
2265002022	Mobile Sources; Off-highway Vehicle Gasoline, 4-Stroke; Construction and Mining Equipment; Total	0.2737	1.2705	0.2628	1.1719	0.2562	1.1553
2265003022	Mobile Sources; Off-highway Vehicle Gasoline, 4-Stroke; Industrial Equipment; Total Except AC Refrigeration	0.0139	0.0262	0.0143	0.0272	0.0157	0.0300
2265003060	Mobile Sources; Off-highway Vehicle Gasoline, 4-Stroke; Industrial Equipment; AC Refrigeration	0.0002	0.0009	0.0002	0.0010	0.0003	0.0012
2265004022	Mobile Sources; Off-highway Vehicle Gasoline, 4-Stroke; Lawn and Garden Equipment; Mowers, Tractors, Turf Equipment (Commercial)	0.8457	3.5894	0.8819	3.6411	0.9081	3.7492
2265004033	Mobile Sources; Off-highway Vehicle Gasoline, 4-Stroke; Lawn and Garden Equipment; All Residential Except Chain Saws and Snowblowers	0.2659	2.9823	0.2475	2.4530	0.2541	2.5203
2265004044	Mobile Sources; Off-highway Vehicle Gasoline, 4-Stroke; Lawn and Garden Equipment; Other Commercial	0.4500	2.9957	0.4359	2.9283	0.4446	3.0036
2265005022	Mobile Sources; Off-highway Vehicle Gasoline, 4-Stroke; Agricultural Equipment; Total	<0.0001	<0.0001	<0.0001	0.0000	0.0000	0.0000
2265006022	Mobile Sources; Off-highway Vehicle Gasoline, 4-Stroke; Commercial Equipment; Total	0.1543	1.1333	0.1615	1.0794	0.1708	1.1452

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2267001060	Mobile Sources; LPG; Recreational Equipment; Specialty Vehicles/Carts	0.0014	0.0003	0.0010	0.0002	0.0008	0.0002
2267002022	Mobile Sources; LPG; Construction and Mining Equipment; Total	0.0846	0.0169	0.0526	0.0085	0.0461	0.0069
2267003022	Mobile Sources; LPG; Industrial Equipment; Total Except AC Refrigeration	0.1184	0.0179	0.1198	0.0142	0.1344	0.0158
2267004044	Mobile Sources; LPG; Lawn and Garden Equipment; Other Commercial	0.0160	0.0024	0.0138	0.0016	0.0142	0.0017
2267005022	Mobile Sources; LPG; Agricultural Equipment; Total	<0.0001	<0.0001	<0.0001	0.0000	0.0000	0.0000
2267006022	Mobile Sources; LPG; Commercial Equipment; Total	0.0524	0.0086	0.0349	0.0053	0.0295	0.0043
2268002022	Mobile Sources; CNG; Construction and Mining Equipment; Total	0.0005	0.0004	0.0002	0.0001	0.0002	0.0001
2268003022	Mobile Sources; CNG; Industrial Equipment; Total Except AC Refrigeration	0.0092	0.0049	0.0095	0.0041	0.0108	0.0046
2268003060	Mobile Sources; CNG; Industrial Equipment; AC\\Refrigeration	0.0001	<0.0001	0.0001	0.0000	0.0001	0.0000
2268005022	Mobile Sources; CNG; Agricultural Equipment; Total	<0.0001	<0.0001	<0.0001	0.0000	0.0000	0.0000
2268006022	Mobile Sources; CNG; Commercial Equipment; Total	0.0232	0.0128	0.0195	0.0103	0.0181	0.0093
2270001060	Mobile Sources; Off-highway Vehicle Diesel; Recreational Equipment; Specialty Vehicles/Carts	0.0157	0.0036	0.0121	0.0023	0.0106	0.0018
2270002022	Mobile Sources; Off-highway Vehicle Diesel; Construction and Mining Equipment; Total	31.6988	2.9074	18.1476	1.5308	14.3430	1.0884
2270003022	Mobile Sources; Off-highway Vehicle Diesel; Industrial Equipment; Total Except AC Refrigeration	0.1188	0.0079	0.0735	0.0034	0.0718	0.0029
2270003060	Mobile Sources; Off-highway Vehicle Diesel; Industrial Equipment; AC\\Refrigeration	0.3474	0.0202	0.3803	0.0131	0.4231	0.0135
2270004022	Mobile Sources; Off-highway Vehicle Diesel; Lawn and Garden Equipment; Mowers, Tractors, Turf Equipment (Commercial)	0.1441	0.0137	0.1258	0.0103	0.1230	0.0099

SCC	SCC Description	2017 (TPD)		2023 (TPD)		2026 (TPD)	
		NOX	VOC	NOX	VOC	NOX	VOC
2270004044	Mobile Sources; Off-highway Vehicle Diesel; Lawn and Garden Equipment; Other Commercial	1.3020	0.1214	0.9766	0.0774	0.8370	0.0623
2270005022	Mobile Sources; Off-highway Vehicle Diesel; Agricultural Equipment; Total	0.0005	<0.0001	0.0003	0.0000	0.0002	0.0000
2270006022	Mobile Sources; Off-highway Vehicle Diesel; Commercial Equipment; Total	0.5754	0.0664	0.4625	0.0427	0.4288	0.0355
2282005022	Mobile Sources; Pleasure Craft; Gasoline 2-Stroke; Total	0.0022	0.0173	0.0023	0.0090	0.0023	0.0072
2282010005	Mobile Sources; Pleasure Craft; Gasoline 4-Stroke; Inboard/Sterndrive	0.0014	0.0030	0.0009	0.0019	0.0007	0.0016
2282020022	Mobile Sources; Pleasure Craft; Diesel; Total	0.0014	0.0001	0.0013	0.0001	0.0012	0.0001
2285002015	Mobile Sources; Railroad Equipment; Diesel; Railway Maintenance	0.0059	0.0010	0.0041	0.0006	0.0034	0.0005
2285004015	Mobile Sources; Railroad Equipment; Gasoline, 4-Stroke; Railway Maintenance	0.0001	0.0004	0.0001	0.0004	0.0001	0.0004
2285006015	Mobile Sources; Railroad Equipment; LPG; Railway Maintenance	<0.0001	<0.0001	<0.0001	0.0000	0.0000	0.0000
Grand Total		36.8612	25.3851	22.7989	23.6659	18.9133	23.7249

Attachment B: Clark County Nonattainment Area Unit-level Point Source Emissions

Attachment B: Clark County Nonattainment Area Unit-level Point Source Emissions

Table B1. HA 212 unit-level point source NOx emissions for 2017.

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 Summer TPD	Source
Certain Teed Gypsum	Generator	4	4-L4	20200401	27	0.36	0.001	0.001	2016 v.1
Certain Teed Gypsum	Generator	4	B8	20200401	27	0.92	0.003	0.003	2016 v.1
Certain Teed Gypsum	Continuous Calciner	4	4-G1	30501511	25	5.02	0.014	0.014	2016 v.1
Certain Teed Gypsum	Impact Mill	4	4-E11	30501513	25	3.82	0.010	0.010	2016 v.1
Certain Teed Gypsum	Dryer	4	4-J3	30501520	25	1.31	0.004	0.004	2016 v.1
NV Energy (Clark Station)	Turbine	7	4	20100201	25	8.33	0.023	0.023	2016 v.1
NV Energy (Clark Station)	Turbine	7	5	20100201	25	0.00	0.000	0.000	2016 v.1
NV Energy (Clark Station)	Turbine	7	6	20100201	25	2.80	0.008	0.008	2016 v.1
NV Energy (Clark Station)	Turbine	7	7	20100201	25	0.51	0.001	0.001	2016 v.1
NV Energy (Clark Station)	Turbine	7	8	20100201	25	0.75	0.002	0.002	2016 v.1
NV Energy (Clark Station)	Turbine	7	27	20100201	25	2.43	0.007	0.007	2016 v.1
NV Energy (Clark Station)	Turbine	7	28	20100201	25	3.32	0.009	0.009	2016 v.1
NV Energy (Clark Station)	Turbine	7	29	20100201	25	5.63	0.015	0.015	2016 v.1
NV Energy (Clark Station)	Turbine	7	30	20100201	25	3.90	0.011	0.011	2016 v.1
NV Energy (Clark Station)	Turbine	7	31	20100201	25	0.00	0.000	0.000	2016 v.1
NV Energy (Clark Station)	Turbine	7	32	20100201	25	3.13	0.009	0.009	2016 v.1
NV Energy (Clark Station)	Turbine	7	33	20100201	25	3.05	0.008	0.008	2016 v.1
NV Energy (Clark Station)	Turbine	7	34	20100201	25	5.14	0.014	0.014	2016 v.1
NV Energy (Clark Station)	Turbine	7	35	20100201	25	0.70	0.002	0.002	2016 v.1
NV Energy (Clark Station)	Turbine	7	36	20100201	25	2.02	0.006	0.006	2016 v.1
NV Energy (Clark Station)	Turbine	7	37	20100201	25	0.07	0.000	0.000	2016 v.1
NV Energy (Clark Station)	Turbine	7	38	20100201	25	4.96	0.014	0.014	2016 v.1
NV Energy (Clark Station)	Generator	7	21	20200102	25	0.45	0.001	0.001	2016 v.1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 Summer TPD	Source
NV Energy (Clark Station)	Generator	7	22	20200102	25	1.76	0.005	0.005	2016 v.1
NV Energy (Clark Station)	Generator	7	45	20200102	25	19.90	0.055	0.055	2016 v.1
NV Energy (Clark Station)	Generator	7	46	20200102	25	2.85	0.008	0.008	2016 v.1
Olin Chlor Alkali Products	Generator	9	1	20200102	25	7.53	0.021	0.021	2016 v.1
Viawest Lone Mountain Data Center	Generator	12	2	20300101	25	4.52	0.012	0.012	2016 v.1
Wells Cargo	Asphalt Oil Heater	12	1	30500206	25	0.90	0.002	0.002	2016 v.1
Kinder Morgan	Diesel Pump	13	D02	20200102	25	4.18	0.011	0.011	2016 v.1
Kinder Morgan	Flare Processing	13	B10	30600904	25	1.26	0.003	0.003	2016 v.1
Kinder Morgan	Thermal Oxidizer	13	SR04	50410312	25	0.89	0.002	0.002	2016 v.1
Titanium Metals Corp.	Steam Generator	19	B09	10200602	25	1.42	0.004	0.004	2016 v.1
Titanium Metals Corp.	CO Burner/Boiler	19	B06	10201402	25	0.67	0.002	0.002	2016 v.1
Titanium Metals Corp.	Hot Oil Heater	19	C05	30301201	25	17.45	0.048	0.048	2016 v.1
Titanium Metals Corp.	Generator	19	E03	30301202	25	2.13	0.006	0.006	2016 v.1
Titanium Metals Corp.	Fugitives	19	A01	30301299	25	0.10	0.000	0.000	2016 v.1
Titanium Metals Corp.	Thermal Oxidizer	19	B10	30301299	25	40.26	0.110	0.110	2016 v.1
Northwind Alladin	Boiler	26	1	10300603	25	7.81	0.021	0.021	2016 v.1
Circus Circus Hotel and Casino	Boiler	47	1	10300603	25	0.83	0.002	0.002	2016 v.1
CCWRD Flamingo Center	Boiler	54	1	10300603	25	2.07	0.006	0.006	2016 v.1
BKEP Materials	Boiler	67	1	10300603	25	7.45	0.020	0.020	2016 v.1
Las Vegas Paving - Blue Diamond	Drum Mixer	70	B12	30500257	25	8.84	0.024	0.024	2016 v.1
Golden Nugget Hotel and Casino	Boiler	81	1	10300603	25	2.94	0.008	0.008	2016 v.1
Horseshoe Club	Boiler	85	1	10300603	25	0.91	0.002	0.002	2016 v.1
Tronox	Boiler	95	A10	10300602	25	0.00	0.000	0.000	2016 v.1
Tronox	Boiler	95	A15	10300602	25	0.06	0.000	0.000	2016 v.1
Treasure Island	Boiler	95	A01	10300603	25	22.77	0.062	0.062	2016 v.1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 Summer TPD	Source
Tronox	Generator	95	A02	20300101	25	4.24	0.012	0.012	2016 v.1
Tronox	Generator	95	A03	20300101	25	4.12	0.011	0.011	2016 v.1
Tronox	Generator	95	A04	20300101	25	6.00	0.016	0.016	2016 v.1
Tronox	Generator	95	A07	20300101	25	1.61	0.004	0.004	2016 v.1
Tronox	Chem. Manufacturing	95	A05	30107002	25	1.58	0.004	0.004	2016 v.1
Westgate Las Vegas	Generator	101	B	20100102	25	2.16	0.006	0.006	2016 v.1
West Rock	Printing Press	101	G	40500501	25	2.79	0.008	0.008	2016 v.1
Las Vegas Paving - 5th Street	Fire Pump	104	H01	20200102	25	4.34	0.012	0.012	2016 v.1
Las Vegas Paving - 5th Street	Drum Mixer	104	E01	30500205	25	1.27	0.003	0.003	2016 v.1
Las Vegas Paving - 5th Street	Oil Heater	104	E02	30500206	25	5.36	0.015	0.015	2016 v.1
Las Vegas Paving - 5th Street	Drum Dryer	104	E03	39001089	25	13.75	0.038	0.038	2016 v.1
Las Vegas Paving - Lone Mountain	Generator	105	C	20200102	25	3.10	0.008	0.008	2016 v.1
Las Vegas Paving - Lone Mountain	Drum Dryer	105	B012	30500205	25	33.23	0.091	0.091	2016 v.1
Las Vegas Paving - Lone Mountain	Oil Heater	105	B011	30500209	25	4.01	0.011	0.011	2016 v.1
Reid International Airport	Boiler	108	A	10300602	25	0.38	0.001	0.001	2016 v.1
Reid International Airport	Generator	108	E	20200102	25	0.10	0.000	0.000	2016 v.1
Nellis AFB	Nat gas boilers	114	RB-C	10300602	51	0.04	0.000	0.000	2016 v.1
Nellis AFB	Internal Combustion	114	G	20300301	51	0.08	0.000	0.000	2016 v.1
Nellis AFB	Hush House	114	N	20400110	25	0.33	0.001	0.001	2016 v.1
Nellis AFB	Drum Mixer	114	A047	30500205	25	0.03	0.000	0.000	2016 v.1
SLS Las Vegas	Boiler	133	A	10300602	25	0.06	0.000	0.000	2016 v.1
SLS Las Vegas	Generator	133	B	20300101	27	0.06	0.000	0.000	2016 v.1
University Medical Center	Boiler	142	B	10300603	27	0.08	0.000	0.000	2016 v.1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 Summer TPD	Source
Univeral Urethane	Spray painting booths	142	A	40202201	25	0.27	0.001	0.001	2016 v.1
Las Vegas Paving	Drum Mixer	186	B013	30500205	25	4.90	0.013	0.013	2016 v.1
Las Vegas Paving	Oil Heater	186	B023	30500208	51	5.33	0.015	0.030	2016 v.1
Caesars Consolidated	Boiler	257	1	10300603	51	2.00	0.005	0.011	2016 v.1
Mirage/Treasure Island	Boiler	282	1	10300603	51	2.75	0.008	0.015	2016 v.1
Brady Linen Services	Dryer	322	1	30504033	51	2.72	0.007	0.015	2016 v.1
Catalina Plastic and Coating	Plastics	323	1	40201399	51	2.86	0.008	0.016	2016 v.1
Las Vegas Cogeneration	Generator	329	10	20100102	25	6.21	0.017	0.017	2016 v.1
Las Vegas Cogeneration	Generator	329	11	20100102	37	6.73	0.018	0.027	ERTAC
Las Vegas Cogeneration	Turbine	329	1	20100201	37	5.10	0.014	0.021	ERTAC
Las Vegas Cogeneration	Turbine	329	3	20100201	37	4.06	0.011	0.016	ERTAC
Las Vegas Cogeneration	Turbine	329	4	20100201	27	8.70	0.024	0.026	2016 v.1
Las Vegas Cogeneration	Turbine	329	5	20100201	27	10.20	0.028	0.030	2016 v.1 2023; IPM 2016-2030
Las Vegas Cogeneration	Turbine	329	6	20100201	27	10.40	0.028	0.031	2016 v.1 2023; IPM 2016-2030
Boral Roofing	Curing Tunnel	346	B18	30500850	27	7.90	0.022	0.023	2016 v.1 2023; IPM 2016-2030
Aggregate Industries	Boiler	372	6	10300602	27	11.20	0.031	0.033	2016 v.1 2023; IPM 2016-2030
Aggregate Industries	Boiler	372	10	10300602	27	2.95	0.008	0.009	ERTAC
Aggregate Industries	Generator	372	1	20100102	27	4.68	0.013	0.014	ERTAC
Aggregate Industries	Generator	372	9	20100102	27	3.24	0.009	0.010	ERTAC
Aggregate Industries	Mineral Products	372	2	30500208	27	5.33	0.015	0.016	ERTAC
Aggregate Industries	Mineral Products	372	5	30500208	27	3.39	0.009	0.010	ERTAC
Aggregate Industries	Mineral Products	372	3	30500242	27	3.70	0.010	0.011	ERTAC
Saguaro Power Company	Boiler	393	5	10100601	27	3.22	0.009	0.010	ERTAC
Saguaro Power Company	Boiler	393	6	10100602	27	4.25	0.012	0.013	ERTAC

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 Summer TPD	Source
Saguaro Power Company	Starter	393	3	20100102	27	3.13	0.009	0.009	ERTAC
Saguaro Power Company	Starter	393	4	20100102	27	4.19	0.011	0.012	ERTAC
Saguaro Power Company	Turbine	393	1	20100201	27	3.08	0.008	0.009	ERTAC
Saguaro Power Company	Turbine	393	2	20100201	27	3.25	0.009	0.010	ERTAC
City of Las Vegas WPCF	Generator	402	2	20200102	27	51.92	0.142	0.154	2016 v.1*
City of Las Vegas WPCF	Generator	402	3	20200202	27	49.45	0.135	0.146	2016 v.1*
City of Las Vegas WPCF	Waste Flare	402	5	50100789	25	0.02	0.000	0.000	2016 v.1
City of Las Vegas WPCF	Blower Engines	402	6	50100799	25	1.01	0.003	0.003	2016 v.1
City of Las Vegas WPCF	Boilers	402	7	50100799	25	0.07	0.000	0.000	2016 v.1
Nikkiso Cryo	Generator	404	1	20200102	25	7.70	0.021	0.021	2016 v.1
Nevada Sun Peak Partnerships	Turbine	423	1	20100201	25	0.06	0.000	0.000	2016 v.1
Nevada Sun Peak Partnerships	Turbine	423	2	20100201	25	44.93	0.123	0.123	2016 v.1
Nevada Sun Peak Partnerships	Turbine	423	3	20100201	25	4.69	0.013	0.013	2016 v.1
Hard Rock Hotel and Casino	Boiler	510	A	10300603	25	8.90	0.024	0.024	2016 v.1
Hard Rock Hotel and Casino	Generator	510	B	20300101	27	0.01	0.000	0.000	2016 v.1
Texas Station Casino	Boiler	531	A	10300603	27	0.01	0.000	0.000	2016 v.1
Texas Station Casino	Generator	531	B	20300101	27	0.01	0.000	0.000	2016 v.1
Citibank The Lakes	Generator	546	A	20300101	27	0.01	0.000	0.000	2016 v.1
Rio All Suites Hotel and Casino	Boiler	555	A	10300603	25	0.86	0.002	0.002	2016 v.1
Rio All Suites Hotel and Casino	Generator	555	C	20300101	25	0.01	0.000	0.000	2016 v.1
Kurt Segler Water Reclamation	Generator	558	B	20200102	25	0.10	0.000	0.000	2016 v.1
Kurt Segler Water Reclamation	Waste water treatment	558	B01	50100765	25	1.67	0.005	0.005	2016 v.1
Stratosphere Hotel and Casino	Boiler	564	A	10300603	25	0.03	0.000	0.000	2016 v.1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 Summer TPD	Source
Stratosphere Hotel and Casino	Generator	564	B	20300101	25	0.71	0.002	0.002	2016 v.1
Aggregate Industries - Gowan	Drum Mixer	587	A08	30500205	25	1.05	0.003	0.003	2016 v.1
Aggregate Industries - Gowan	Asphalt Oil Heater	587	E	30500208	25	0.09	0.000	0.000	2016 v.1
Aggregate Industries - Gowan	Asphalt Silos	587	A12	30500212	25	73.04	0.200	0.200	2016 v.1
Las Vegas Review Journal	Generator	588	D	20300101	25	0.98	0.003	0.003	2016 v.1
Las Vegas Review Journal	Parts Washer	588	B	40500417	25	0.47	0.001	0.001	2016 v.1
Berry Plastics Corporation	Generator	597	F01	20300101	25	0.52	0.001	0.001	2016 v.1
Berry Plastics Corporation	Offset Printing	597	E01	40500802	25	2.05	0.006	0.006	2016 v.1
Palace Station Hotel and Casino	Boiler	605	A	10300603	25	0.28	0.001	0.001	2016 v.1
Palace Station Hotel and Casino	Generator	605	B	20300101	25	1.09	0.003	0.003	2016 v.1
Gold Coast Hotel and Casino	Boiler	606	A	10300603	25	2.47	0.007	0.007	2016 v.1
Gold Coast Hotel and Casino	Generator	606	B	20300101	25	0.21	0.001	0.001	2016 v.1
Sams Town Hotel and Casino	Boiler	616	A	10300603	25	11.35	0.031	0.031	2016 v.1
Sams Town Hotel and Casino	Generator	616	B	20300101	25	0.11	0.000	0.000	2016 v.1
Santa Fe Station	Boiler	621	A	10300603	25	1.07	0.003	0.003	2016 v.1
Santa Fe Station	Generator	621	B	20300101	25	0.45	0.001	0.001	2016 v.1
University Medical Center	Generator	634	B	20300101	25	0.81	0.002	0.002	2016 v.1
University of Nevada, Las Vegas	Generator	634	A	20300101	25	0.40	0.001	0.001	2016 v.1
Orleans Hotel and Casino	Boiler	641	A	10300603	25	1.35	0.004	0.004	2016 v.1
Orleans Hotel and Casino	Generator	641	B	20300101	25	0.77	0.002	0.002	2016 v.1
University of Nevada, Las Vegas	Boiler	697	C	10300603	25	18.60	0.051	0.051	2016 v.1
Venetian Hotel and Casino	Generator	697	B	20300101	25	1.26	0.003	0.003	2016 v.1
Venetian Hotel and Casino	Boiler	726	A	10300603	25	0.58	0.002	0.002	2016 v.1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 Summer TPD	Source
Nevada Color Litho	Printing Press	754	A05	40500433	25	0.54	0.001	0.001	2016 v.1
JW Marriott Las Vegas	Boiler	755	A	10300603	25	0.38	0.001	0.001	2016 v.1
JW Marriott Las Vegas	Generator	755	B	20300101	25	1.73	0.005	0.005	2016 v.1
Suncoast Hotel and Casino	Boiler	775	A	10300603	25	0.23	0.001	0.001	2016 v.1
Suncoast Hotel and Casino	Generator	775	B	20300101	25	0.00	0.000	0.000	2016 v.1
Veterans Administration	Generator	777	A	20300101	25	1.64	0.004	0.004	2016 v.1
Cancun Resort	Boiler	788	A	10300603	25	0.03	0.000	0.000	2016 v.1
Cancun Resort	Generator	788	B	20300101	25	0.74	0.002	0.002	2016 v.1
Clearwater Paper	Boiler	807	A10	10200602	25	0.55	0.002	0.002	2016 v.1
Clearwater Paper	Air heaters	807	A08	30790003	25	0.29	0.001	0.001	2016 v.1
Clearwater Paper	Paper process fugitives	807	F	30799998	25	0.79	0.002	0.002	2016 v.1
MGM Grand/New York New York	Boiler	825	A	10300603	25	1.24	0.003	0.003	2016 v.1
MGM Grand/New York New York	Turbine	825	E	20100201	25	5.23	0.014	0.014	2016 v.1
MGM Grand/New York New York	Generator	825	B	20300101	25	1.06	0.003	0.003	2016 v.1
MGM Grand/New York New York	Paint booth	825	C	40201101	25	0.35	0.001	0.001	2016 v.1
MGM Grand/New York New York	Tank	825	D	40600401	25	1.83	0.005	0.005	2016 v.1
UNEV Pipeline	Generator	859	A	20200102	25	3.34	0.009	0.009	2016 v.1
Univeral Urethane	Molding machines	859	B	30800802	25	0.47	0.001	0.001	2016 v.1
Sunset Station	Boiler	869	A	10300603	25	0.32	0.001	0.001	2016 v.1
Sunset Station	Generator	869	B	20300101	25	0.04	0.000	0.000	2016 v.1
Wynn Las Vegas	Boiler	974	A	10300602	25	0.10	0.000	0.000	2016 v.1
Wells Cargo Lone Mountain	Engines	1055	A	20300101	25	0.10	0.000	0.000	2016 v.1
Republic Services Transfer Station	Boiler	1087	B	10300603	25	0.37	0.001	0.001	2016 v.1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 Summer TPD	Source
Republic Services Transfer Station	Generator	1087	G	20300101	25	2.76	0.008	0.008	2016 v.1
Las Vegas Color Graphics	Printing Press	1149	A	40500411	25	2.21	0.006	0.006	2016 v.1
St Rose Dominican Siena	Boiler	1500	A	10300603	25	4.09	0.011	0.011	2016 v.1
St Rose Dominican Siena	Generator	1500	B	20300101	25	0.96	0.003	0.003	2016 v.1
Green Valley Ranch Resort	Boiler	1501	A	10300603	25	2.86	0.008	0.008	2016 v.1
Green Valley Ranch Resort	Generator	1501	B	20300101	25	1.11	0.003	0.003	2016 v.1
Palms Casino Resort	Boiler	1522	A	10300603	25	0.40	0.001	0.001	2016 v.1
Palms Casino Resort	Generator	1522	B	20300101	25	39.42	0.108	0.108	2016 v.1
Boulder Station Hotel and Casino	Boiler	1524	A	10300603	25	2.59	0.007	0.007	2016 v.1
Boulder Station Hotel and Casino	Generator	1524	B	20300101	25	4.77	0.013	0.013	2016 v.1
Mountain View Hospital	Boiler	1569	A	10300603	25	5.92	0.016	0.016	2016 v.1
Mountain View Hospital	Generator	1569	B	20300101	25	9.18	0.025	0.025	2016 v.1
Lasfue Reid Tank Farm	Generator	1589	C	20300101	25	1.20	0.003	0.003	2016 v.1
Lasfue Reid Tank Farm	Thermal Oxidizer	1589	B06	40400153	25	0.06	0.000	0.000	default value
Wynn Las Vegas	Generator	1624	A	20100102	25	1.07	0.003	0.003	default value
World Market Center	Generator	1624	F	20300101	25	0.01	0.000	0.000	2016 v.1
Wynn Las Vegas	Dry Cleaning	1624	R	40100103	25	12.41	0.034	0.034	2016 v.1
Wynn Las Vegas	AST	1624	C	40600306	25	0.10	0.000	0.000	2016 v.1
North Las Vegas Airport	Generator	9596	C	20100102	25	5.12	0.014	0.014	2016 v.1
Henderson Executive Airport	Generator	9603	B	20100102	25	1.63	0.004	0.004	2016 v.1
Brady Linen Services	Boiler	10201	B	10200602	25	4.15	0.011	0.011	2016 v.1
Brady Linen Services	Dryer	10201	D	41000130	25	5.71	0.016	0.016	2016 v.1
Republic Services (Sunrise)	Flare	15033	1	50300601	25	0.23	0.001	0.001	2016 v.1
CPP Acquisition	Dryer	15193	D	40500101	25	0.59	0.002	0.002	2016 v.1
CPP Acquisition	Printer	15193	P	40500401	25	0.62	0.002	0.002	2016 v.1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 Summer TPD	Source
Reid Rent a Car Center	Boiler	15409	A	10300603	25	0.23	0.001	0.001	2016 v.1
Reid Rent a Car Center	Generator	15409	B	20100102	25	0.01	0.000	0.000	2016 v.1
Metl Span	Panel manufacturing	15422	A01	30800802	25	1.13	0.003	0.003	2016 v.1
Artesian Spas	Spray booth with RTO	15426	A01	30800724	25	0.23	0.001	0.001	2016 v.1
Red Rock Casino Resort	Boiler	15487	A	10300602	25	0.31	0.001	0.001	default value
Red Rock Casino Resort	Generator	15487	B	20300101	25	0.00	0.000	0.000	default value
South Point Hotel and Casino	Boiler	15515	A	10300602	25	0.23	0.001	0.001	2016 v.1
South Point Hotel and Casino	Generator	15515	B	20300101	25	2.98	0.008	0.008	2016 v.1
World Market Center	Boiler	15541	B	10300602	25	7.12	0.020	0.020	2016 v.1
Westgate Las Vegas	Boiler	15541	A	10300603	25	0.29	0.001	0.001	2016 v.1
CDW Logistics	Generator	15634	A	20300101	25	1.87	0.005	0.005	default value
Manheim Nevada	Generator	15839	C	20100102	25	7.45	0.020	0.020	2016 v.1
Manheim Nevada	Heater	15839	B	40201001	25	11.53	0.032	0.032	2016 v.1
City of Henderson Downtown	Boiler	15847	B	10300603	25	1.14	0.003	0.003	default value
City of Henderson Downtown	Generator	15847	G	20300101	25	0.11	0.000	0.000	default value
Centennial Hills Hospital	Boiler	15873	A	10300602	25	26.74	0.073	0.073	2016 v.1
Centennial Hills Hospital	Generator	15873	C	20300101	25	0.03	0.000	0.000	2016 v.1
Plasticard Locktech	Heater	15876	B	10300603	25	33.83	0.093	0.093	2016 v.1
Plasticard Locktech	Press	15876	A	40202201	25	0.00	0.000	0.000	default value
Veterans Administration	Boiler	15970	B	10300602	25	0.10	0.000	0.000	default value
Verizon Business	Generator	15970	A	20300101	25	0.00	0.000	0.000	default value
2755 Las Vegas	Boiler	15999	A	10300602	25	0.00	0.000	0.000	default value
2755 Las Vegas	Generator	15999	B	20300101	25	1.00	0.003	0.003	default value
Cosmopolitan Las Vegas	Boiler	16101	A	10300602	25	0.18	0.000	0.000	default value
Cosmopolitan Las Vegas	Generator	16101	B	20300101	25	0.00	0.000	0.000	default value

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 Summer TPD	Source
Biodiesel of Las Vegas	Fire Pump	16118	C01	20200102	25	0.04	0.000	0.000	default value
Ritchie Brothers	Generator	16172	G	20300101	25	4.68	0.013	0.013	2016 v.1
Switch	Generator	16258	B	20300101	25	0.00	0.000	0.000	default value
Beltway Complex	Generator	16290	A	20300101	25	2.34	0.006	0.006	2016 v.1
Erickson International	RTO	16295	C	30190013	25	0.00	0.000	0.000	default value
Erickson International	Dryer	16295	B	40200101	25	0.00	0.000	0.000	default value
GE Transport	Parts Washer	16300	A	40201501	25	0.00	0.000	0.000	default value
Switch Communications	Generator	16304	A	20022102	25	0.00	0.000	0.000	default value
Pro Terminal Operators	Loading Rack	16376	A07	40400150	25	0.07	0.000	0.000	default value
Treasure Island	Generator	16452	A	20300101	25	0.08	0.000	0.000	default value
Clark County Downtown Campus	Boiler	16665	A	10300603	25	12.87	0.035	0.035	2016 v.1
Clark County Downtown Campus	Generator	16665	B	20300101	25	0.00	0.000	0.000	default value
CTC Crushing	Generator	16673	B	20300101	25	0.00	0.000	0.000	2016 v.1
Freeman	Generator	16684	B	20300101	25	0.00	0.000	0.000	2016 v.1
Terra Firma Organics	Generator	16706	B	20300101	25	0.00	0.000	0.000	2016 v.1
Resorts World	Boiler	16925	B	10300602	25	0.00	0.000	0.000	2016 v.1
Resorts World	Generator	16925	A	20300101	25	0.00	0.000	0.000	2016 v.1
Preferred Laminations	Surface Coating	17220	A	40202501	25	0.00	0.000	0.000	default value
Viawest	Generator	17272	A	20300101	25	0.00	0.000	0.000	default value
Blue Diamond Hill Gypsum	Engines	17286	C	20300101	25	18.94	0.052	0.052	2016 v.1
Blue Diamond Hill Gypsum	Blasting	17286	A001	30504001	25	0.00	0.000	0.000	2016 v.1
Shelby American	Heater	17347	A03	39990003	25	5.74	0.016	0.016	2016 v.1
NBC Fourth Realty	Generator	17439	A	20301001	25	13.05	0.036	0.036	2016 v.1
Wells Cargo	Drum Mixer	17749	C02	30500257	25	3.91	0.011	0.011	2016 v.1
Wells Cargo Lone Mountain	Blasting	17749	B	30504001	25	4.68	0.013	0.013	default value

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 Summer TPD	Source
Progress Rail	Parts Washer	17918	A01	10300603	25	0.23	0.001	0.001	2016 v.1
Total						1027.43	2.81	2.92	

Table B2. HA 212 unit-level point source NOx emissions for 2023 and 2026.

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Certain Teed Gypsum	Generator	4	4-L4	20200401	27	2.5700	0.0070	0.0076	2.4458	0.0067	0.0072	-0.0161	2022v1
Certain Teed Gypsum	Generator	4	B8	20200401	27	0.0100	0.0000	0.0000	0.0095	0.0000	0.0000	-0.0161	2022v1
Certain Teed Gypsum	Continuous Calciner	4	4-G1	30501511	25	0.0100	0.0000	0.0000	0.0098	0.0000	0.0000	-0.0078	2022v1
Certain Teed Gypsum	Impact Mill	4	4-E11	30501513	25	5.0200	0.0138	0.0138	4.8491	0.0133	0.0133	-0.0113	2022v1
Certain Teed Gypsum	Dryer	4	4-J3	30501520	25	18.7500	0.0514	0.0514	18.1116	0.0496	0.0496	-0.0113	2022v1
NV Energy (Clark Station)	Turbine	7	4	20100201	25	38.1400	0.1045	0.1045	39.2058	0.1074	0.1074	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	5	20100201	25	9.0800	0.0249	0.0249	9.3337	0.0256	0.0256	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	6	20100201	25	9.0100	0.0247	0.0247	9.2618	0.0254	0.0254	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	7	20100201	25	4.8500	0.0133	0.0133	4.9855	0.0137	0.0137	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	8	20100201	25	13.5300	0.0371	0.0371	13.9081	0.0381	0.0381	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	27	20100201	25	1.3500	0.0037	0.0037	1.3877	0.0038	0.0038	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	28	20100201	25	0.9800	0.0027	0.0027	1.0074	0.0028	0.0028	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	29	20100201	25	1.0900	0.0030	0.0030	1.1205	0.0031	0.0031	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	30	20100201	25	1.2300	0.0034	0.0034	1.2644	0.0035	0.0035	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	31	20100201	25	2.3400	0.0064	0.0064	2.4054	0.0066	0.0066	0.0093	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
NV Energy (Clark Station)	Turbine	7	32	20100201	25	2.1500	0.0059	0.0059	2.2101	0.0061	0.0061	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	33	20100201	25	1.8600	0.0051	0.0051	1.9120	0.0052	0.0052	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	34	20100201	25	1.8500	0.0051	0.0051	1.9017	0.0052	0.0052	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	35	20100201	25	1.0100	0.0028	0.0028	1.0382	0.0028	0.0028	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	36	20100201	25	0.7600	0.0021	0.0021	0.7812	0.0021	0.0021	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	37	20100201	25	1.1700	0.0032	0.0032	1.2027	0.0033	0.0033	0.0093	2022v1
NV Energy (Clark Station)	Turbine	7	38	20100201	25	0.5900	0.0016	0.0016	0.6065	0.0017	0.0017	0.0093	2022v1
NV Energy (Clark Station)	Generator	7	21	20200102	25	0.0400	0.0001	0.0001	0.0391	0.0001	0.0001	-0.0073	2022v1
NV Energy (Clark Station)	Generator	7	22	20200102	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0073	2022v1
NV Energy (Clark Station)	Generator	7	45	20200102	25	0.0300	0.0001	0.0001	0.0293	0.0001	0.0001	-0.0073	2022v1
NV Energy (Clark Station)	Generator	7	46	20200102	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0073	2022v1
Olin Chlor Alkali Products	Generator	9	1	20200102	25	0.0700	0.0002	0.0002	0.0685	0.0002	0.0002	-0.0073	2022v1
Wells Cargo	Asphalt Oil Heater	12	1	30500206	25	5.1600	0.0141	0.0141	5.4696	0.0150	0.0150	0.0200	2022v1
Kinder Morgan	Diesel Pump	13	D02	20200102	25	0.0900	0.0002	0.0002	0.0880	0.0002	0.0002	-0.0073	2022v1
Kinder Morgan	Flare Processing	13	B10	30600904	25	0.0200	0.0001	0.0001	0.0211	0.0001	0.0001	0.0179	2022v1
Kinder Morgan	Thermal Oxidizer	13	SR04	50410312	25	1.2600	0.0035	0.0035	1.2600	0.0035	0.0035	0.0000	2022v1
Titanium Metals Corp.	Steam Generator	19	B09	10200602	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0036	2022v1
Titanium Metals Corp.	CO Burner/Boiler	19	B06	10201402	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Titanium Metals Corp.	Hot Oil Heater	19	C05	30301201	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Titanium Metals Corp.	Generator	19	E03	30301202	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Titanium Metals Corp.	Fugitives	19	A01	30301299	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Titanium Metals Corp.	Thermal Oxidizer	19	B10	30301299	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Circus Circus Hotel and Casino	Boiler	47	1	10300603	25	4.9100	0.0135	0.0135	4.9230	0.0135	0.0135	0.0009	2022v1
CCWRD Flamingo Center	Boiler	54	1	10300603	25	5.2400	0.0144	0.0144	5.2539	0.0144	0.0144	0.0009	2022v1
BKEP Materials	Boiler	67	1	10300603	25	6.2400	0.0171	0.0171	6.2566	0.0171	0.0171	0.0009	2022v1
Las Vegas Paving - Blue Diamond	Drum Mixer	70	B12	30500257	25	6.2100	0.0170	0.0170	6.5826	0.0180	0.0180	0.0200	2022v1
Golden Nugget Hotel and Casino	Boiler	81	1	10300603	25	0.9500	0.0026	0.0026	0.9525	0.0026	0.0026	0.0009	2022v1
Horseshoe Club	Boiler	85	1	10300603	25	17.6600	0.0484	0.0484	17.7069	0.0485	0.0485	0.0009	2022v1
Tronox	Boiler	95	A10	10300602	25	0.0100	0.0000	0.0000	0.0102	0.0000	0.0000	0.0070	2022v1
Tronox	Boiler	95	A15	10300602	25	0.4800	0.0013	0.0013	0.4901	0.0013	0.0013	0.0070	2022v1
Tronox	Boiler	95	A01	10300603	25	0.0400	0.0001	0.0001	0.0401	0.0001	0.0001	0.0009	2022v1
Tronox	Generator	95	A02	20300101	25	0.0800	0.0002	0.0002	0.0807	0.0002	0.0002	0.0030	2022v1
Tronox	Generator	95	A03	20300101	25	0.0800	0.0002	0.0002	0.0807	0.0002	0.0002	0.0030	2022v1
Tronox	Generator	95	A04	20300101	25	0.2000	0.0005	0.0005	0.2018	0.0006	0.0006	0.0030	2022v1
Tronox	Generator	95	A07	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	2022v1
Tronox	Chem. Manufacturing	95	A05	30107002	25	12.5700	0.0344	0.0344	12.2487	0.0336	0.0336	-0.0085	2022v1
Las Vegas Convention and Visitor Authority	Boiler	100	A	10300602	25	1.3900	0.0038	0.0038	1.4192	0.0039	0.0039	0.0070	2022v1
Las Vegas Convention and Visitor Authority	Generator	100	B	20300101	25	0.8700	0.0024	0.0024	0.8778	0.0024	0.0024	0.0030	2022v1
Westgate Las Vegas	Generator	101	G	20100102	25	0.4000	0.0011	0.0011	0.3797	0.0010	0.0010	-0.0169	2022v1
Westgate Las Vegas	Boiler	101	B	10300603	25	3.0600	0.0084	0.0084	3.0681	0.0084	0.0084	0.0009	2022v1
Las Vegas Paving - 5th Street	Fire Pump	104	H01	20200102	25	0.0100	0.0000	0.0000	0.0098	0.0000	0.0000	-0.0073	2022v1
Las Vegas Paving - 5th Street	Drum Mixer	104	E01	30500205	25	5.8200	0.0159	0.0159	5.9250	0.0162	0.0162	0.0060	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Las Vegas Paving - 5th Street	Oil Heater	104	E02	30500206	25	0.8000	0.0022	0.0022	0.8480	0.0023	0.0023	0.0200	2022v1
Las Vegas Paving - 5th Street	Drum Dryer	104	E03	39001089	25	0.1000	0.0003	0.0003	0.1000	0.0003	0.0003	0.0000	2022v1
Las Vegas Paving - Lone Mountain	Generator	105	C	20200102	25	0.2500	0.0007	0.0007	0.2445	0.0007	0.0007	-0.0073	2022v1
Las Vegas Paving - Lone Mountain	Drum Dryer	105	B012	30500205	25	9.1100	0.0250	0.0250	9.2743	0.0254	0.0254	0.0060	2022v1
Las Vegas Paving - Lone Mountain	Oil Heater	105	B011	30500209	25	0.2600	0.0007	0.0007	0.2569	0.0007	0.0007	-0.0040	2022v1
Reid International Airport	Boiler	108	A	10300602	25	5.1200	0.0140	0.0140	5.2274	0.0143	0.0143	0.0070	2022v1
Reid International Airport	Generator	108	E	20200102	25	2.0100	0.0055	0.0055	1.9660	0.0054	0.0054	-0.0073	2022v1
Brady Linen Services	Boiler	112	A	10300602	25	1.9700	0.0054	0.0054	2.0113	0.0055	0.0055	0.0070	2022v1
Brady Linen Services	Dryer	112	C	10300603	51	6.4800	0.0178	0.0362	6.4972	0.0178	0.0363	0.0009	2022v1
Nellis AFB	Nat gas boilers	114	RB-C	10300602	51	5.4330	0.0149	0.0304	5.5470	0.0152	0.0310	0.0070	2022v1
Nellis AFB	Internal Combustion	114	G	20300301	51	2.1750	0.0060	0.0122	2.2035	0.0060	0.0123	0.0044	2022v1
Nellis AFB	Hush House	114	N	20400110	25	4.2480	0.0116	0.0116	4.0942	0.0112	0.0112	-0.0121	2022v1
Nellis AFB	Drum Mixer	114	A047	30500205	25	0.1690	0.0005	0.0005	0.1720	0.0005	0.0005	0.0060	2022v1
SA Recycling	Processing	117	A	50400303	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Rebel Oil Diesel Terminal	Vapor Combustion Unit	129	C01	50410530	25	3.2300	0.0000	0.0000	3.3667	0.0092	0.0092	0.0141	2022v1
Rebel Oil Diesel Terminal	Emergency Fire Pump	129	B05	20300101	25	0.0800	0.0000	0.0000	0.0807	0.0002	0.0002	0.0030	2022v1
SLS Las Vegas	Boiler	133	A	10300602	25	2.5000	0.0068	0.0068	2.5524	0.0070	0.0070	0.0070	2022v1
SLS Las Vegas	Generator	133	B	20300101	27	0.3100	0.0008	0.0009	0.3128	0.0009	0.0009	0.0030	2022v1
University Medical Center	Boiler	142	B	10300603	27	1.0600	0.0029	0.0031	1.0628	0.0029	0.0031	0.0009	2022v1
University Medical Center	Generator	142	B	20300101	25	3.0200	0.0083	0.0083	3.0469	0.0083	0.0083	0.0030	2022v1
Las Vegas Paving	Drum Mixer	186	B013	30500205	25	5.5800	0.0153	0.0153	5.6806	0.0156	0.0156	0.0060	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Las Vegas Paving	Oil Heater	186	B023	30500208	51	0.1400	0.0004	0.0008	0.1435	0.0004	0.0008	0.0084	2022v1
Caesars Consolidated	Boiler	257	1	10300603	51	43.6000	0.1195	0.2437	43.7159	0.1198	0.2443	0.0009	2022v1
Mirage/Treasure Island	Boiler	282	1	10300603	51	5.2700	0.0144	0.0295	5.2840	0.0145	0.0295	0.0009	2022v1
Brady Linen Services	Dryer	322	1	30504033	51	26.7400	0.0733	0.1495	28.3444	0.0777	0.1584	0.0200	2022v1
Catalina Plastic and Coating	Plastics	323	1	40201399	51	1.2000	0.0033	0.0067	1.2116	0.0033	0.0068	0.0032	2022v1
Las Vegas Co-generation	Generator	329	10	20100102	25	0.0200	0.0001	0.0001	0.0190	0.0001	0.0001	-0.0169	2022v1
Las Vegas Co-generation	Generator	329	11	20100102	37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0169	2022v1
Las Vegas Co-generation	Turbine	329	1	20100201	37	3.5800	0.0098	0.0145	3.6800	0.0101	0.0149	0.0093	2022v1
Las Vegas Co-generation	Turbine	329	3	20100201	37	3.3900	0.0093	0.0137	3.4847	0.0095	0.0141	0.0093	2022v1
Las Vegas Co-generation	Turbine	329	4	20100201	27	3.1800	0.0087	0.0094	3.2689	0.0090	0.0097	0.0093	2022v1
Las Vegas Co-generation	Turbine	329	5	20100201	27	2.8600	0.0078	0.0085	2.9399	0.0081	0.0087	0.0093	2022v1
Las Vegas Co-generation	Turbine	329	6	20100201	27	3.0400	0.0083	0.0090	3.1249	0.0086	0.0092	0.0093	2022v1
Boral Roofing	Curing Tunnel	346	B18	30500850	27	1.6900	0.0046	0.0050	1.6427	0.0045	0.0049	-0.0093	2022v1
Aggregate Industries	Boiler	372	6	10300602	27	5.0900	0.0139	0.0151	5.1968	0.0142	0.0154	0.0070	2022v1
Aggregate Industries	Boiler	372	10	10300602	27	0.6000	0.0016	0.0018	0.6126	0.0017	0.0018	0.0070	2022v1
Aggregate Industries	Generator	372	1	20100102	27	3.1700	0.0087	0.0094	3.0093	0.0082	0.0089	-0.0169	2022v1
Aggregate Industries	Generator	372	9	20100102	27	0.0400	0.0001	0.0001	0.0380	0.0001	0.0001	-0.0169	2022v1
Aggregate Industries	Mineral Products	372	2	30500208	27	0.3800	0.0010	0.0011	0.3896	0.0011	0.0012	0.0084	2022v1
Aggregate Industries	Mineral Products	372	5	30500208	27	0.0100	0.0000	0.0000	0.0103	0.0000	0.0000	0.0084	2022v1
Aggregate Industries	Mineral Products	372	3	30500242	27	0.3800	0.0010	0.0011	0.4028	0.0011	0.0012	0.0200	2022v1
Saguaro Power Company	Boiler	393	5	10100601	27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0542	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Saguaro Power Company	Boiler	393	6	10100602	27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0182	2022v1
Saguaro Power Company	Starter	393	3	20100102	27	0.2400	0.0007	0.0007	0.2278	0.0006	0.0007	-0.0169	2022v1
Saguaro Power Company	Starter	393	4	20100102	27	0.2900	0.0008	0.0009	0.2753	0.0008	0.0008	-0.0169	2022v1
Saguaro Power Company	Turbine	393	1	20100201	27	14.4590	0.0396	0.0428	14.8630	0.0407	0.0440	0.0093	2022v1
Saguaro Power Company	Turbine	393	2	20100201	27	15.0290	0.0412	0.0445	15.4490	0.0423	0.0457	0.0093	2022v1
City of Las Vegas WPCF	Generator	402	2	20200102	27	0.7100	0.0019	0.0021	0.6945	0.0019	0.0021	-0.0073	2022v1
City of Las Vegas WPCF	Generator	402	3	20200202	27	0.0100	0.0000	0.0000	0.0094	0.0000	0.0000	-0.0210	2022v1
City of Las Vegas WPCF	Waste Flare	402	5	50100789	25	6.2700	0.0172	0.0172	6.6462	0.0182	0.0182	0.0200	2022v1
City of Las Vegas WPCF	Blower Engines	402	6	50100799	25	0.9900	0.0027	0.0027	1.0494	0.0029	0.0029	0.0200	2022v1
City of Las Vegas WPCF	Boilers	402	7	50100799	25	3.4300	0.0094	0.0094	3.6358	0.0100	0.0100	0.0200	2022v1
Nikkiso Cryo	Generator	404	1	20200102	25	23.2900	0.0638	0.0638	22.7800	0.0624	0.0624	-0.0073	2022v1
Jensen Enterprises Inc.	Solvents	408	BRU32	30800720	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0083	2022v1
Nevada Sun Peak Partnerships	Turbine	423	1	20100201	25	10.2400	0.0281	0.0281	10.5261	0.0288	0.0288	0.0093	2022v1
Nevada Sun Peak Partnerships	Turbine	423	2	20100201	25	8.3800	0.0230	0.0230	8.6142	0.0236	0.0236	0.0093	2022v1
Nevada Sun Peak Partnerships	Turbine	423	3	20100201	25	7.6800	0.0210	0.0210	7.8946	0.0216	0.0216	0.0093	2022v1
Hard Rock Hotel and Casino	Boiler	510	A	10300603	25	1.4800	0.0041	0.0041	1.4839	0.0041	0.0041	0.0009	2022v1
Hard Rock Hotel and Casino	Generator	510	B	20300101	27	1.7600	0.0048	0.0052	1.7757	0.0049	0.0053	0.0030	2022v1
Citibank The Lakes	Generator	546	A	20300101	27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Rio All Suites Hotel and Casino	Boiler	555	A	10300603	25	25.4800	0.0698	0.0698	25.5477	0.0700	0.0700	0.0009	2022v1
Rio All Suites Hotel and Casino	Generator	555	C	20300101	25	0.3900	0.0011	0.0011	0.3935	0.0011	0.0011	0.0030	2022v1
Kurt Segler Water Reclamation	Generator	558	B	20200102	25	0.1600	0.0004	0.0004	0.1565	0.0004	0.0004	-0.0073	2022v1
Kurt Segler Water Reclamation	Waste water treatment	558	B01	50100765	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Stratosphere Hotel and Casino	Boiler	564	A	10300603	25	0.6600	0.0018	0.0018	0.6618	0.0018	0.0018	0.0009	2022v1
Stratosphere Hotel and Casino	Generator	564	B	20300101	25	1.8600	0.0051	0.0051	1.8766	0.0051	0.0051	0.0030	2022v1
Aggregate Industries - Gowan	Drum Mixer	587	A08	30500205	25	5.3100	0.0145	0.0145	5.4058	0.0148	0.0148	0.0060	2022v1
Aggregate Industries - Gowan	Asphalt Oil Heater	587	E	30500208	25	1.0600	0.0029	0.0029	1.0868	0.0030	0.0030	0.0084	2022v1
Aggregate Industries - Gowan	Asphalt Silos	587	A12	30500212	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0148	2022v1
Las Vegas Review Journal	Generator	588	D	20300101	25	0.4500	0.0012	0.0012	0.4540	0.0012	0.0012	0.0030	2022v1
Las Vegas Review Journal	Parts Washer	588	B	40500417	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Berry Plastics Corporation	Generator	597	F01	20300101	25	0.2000	0.0005	0.0005	0.2018	0.0006	0.0006	0.0030	2022v1
Berry Plastics Corporation	Offset Printing	597	E01	40500802	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Palace Station Hotel and Casino	Boiler	605	A	10300603	25	3.5400	0.0097	0.0097	3.5494	0.0097	0.0097	0.0009	2022v1
Palace Station Hotel and Casino	Generator	605	B	20300101	25	0.7100	0.0019	0.0019	0.7163	0.0020	0.0020	0.0030	2022v1
Gold Coast Hotel and Casino	Boiler	606	A	10300603	25	3.7400	0.0102	0.0102	3.7499	0.0103	0.0103	0.0009	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Gold Coast Hotel and Casino	Generator	606	B	20300101	25	0.0300	0.0001	0.0001	0.0303	0.0001	0.0001	0.0030	2022v1
Sams Town Hotel and Casino	Boiler	616	A	10300603	25	2.8800	0.0079	0.0079	2.8877	0.0079	0.0079	0.0009	2022v1
Sams Town Hotel and Casino	Generator	616	B	20300101	25	0.4700	0.0013	0.0013	0.4742	0.0013	0.0013	0.0030	2022v1
Santa Fe Station	Boiler	621	A	10300603	25	2.4500	0.0067	0.0067	2.4565	0.0067	0.0067	0.0009	2022v1
Santa Fe Station	Generator	621	B	20300101	25	1.2100	0.0033	0.0033	1.2208	0.0033	0.0033	0.0030	2022v1
University of Nevada, Las Vegas	Generator	634	A	20300101	25	1.8700	0.0051	0.0051	1.8867	0.0052	0.0052	0.0030	2022v1
University of Nevada, Las Vegas	Boiler	634	C	10300603	25	5.4600	0.0150	0.0150	5.4745	0.0150	0.0150	0.0009	2022v1
Orleans Hotel and Casino	Boiler	641	A	10300603	25	10.1400	0.0278	0.0278	10.1669	0.0279	0.0279	0.0009	2022v1
Orleans Hotel and Casino	Generator	641	B	20300101	25	0.3300	0.0009	0.0009	0.3329	0.0009	0.0009	0.0030	2022v1
Venetian Hotel and Casino	Generator	697	B	20300101	25	1.9000	0.0052	0.0052	1.9170	0.0053	0.0053	0.0030	2022v1
Venetian Hotel and Casino	Boiler	697	A	10300603	25	15.2700	0.0418	0.0418	15.3106	0.0419	0.0419	0.0009	2022v1
Verizon Business	Generator	726	A	20300101	25	0.8500	0.0023	0.0023	0.8576	0.0023	0.0023	0.0030	2022v1
Nevada Color Litho	Printing Press	754	A05	40500433	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
JW Marriott Las Vegas	Boiler	755	A	10300603	25	3.2200	0.0088	0.0088	3.2286	0.0088	0.0088	0.0009	2022v1
JW Marriott Las Vegas	Generator	755	B	20300101	25	0.5400	0.0015	0.0015	0.5448	0.0015	0.0015	0.0030	2022v1
Suncoast Hotel and Casino	Boiler	775	A	10300603	25	1.5300	0.0042	0.0042	1.5341	0.0042	0.0042	0.0009	2022v1
Suncoast Hotel and Casino	Generator	775	B	20300101	25	0.6400	0.0018	0.0018	0.6457	0.0018	0.0018	0.0030	2022v1
Flexential Colorado Corp	Generator	777	A	20300101	25	5.2400	0.0144	0.0144	5.2868	0.0145	0.0145	0.0030	2022v1
Cancun Resort	Boiler	788	A	10300603	25	3.4200	0.0094	0.0094	3.4291	0.0094	0.0094	0.0009	2022v1
Cancun Resort	Generator	788	B	20300101	25	0.5900	0.0016	0.0016	0.5953	0.0016	0.0016	0.0030	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Clearwater Paper	Boiler	807	A10	10200602	25	6.4800	0.0178	0.0178	6.4092	0.0176	0.0176	-0.0036	2022v1
Clearwater Paper	Air heaters	807	A08	30790003	25	15.2400	0.0418	0.0418	15.2400	0.0418	0.0418	0.0000	2022v1
Clearwater Paper	Paper process fugitives	807	F	30799998	25	17.9800	0.0493	0.0493	17.9800	0.0493	0.0493	0.0000	2022v1
MGM Grand/New York New York	Boiler	825	A	10300603	25	17.6200	0.0483	0.0483	17.6668	0.0484	0.0484	0.0009	2022v1
MGM Grand/New York New York	Turbine	825	E	20100201	25	33.8800	0.0928	0.0928	34.8267	0.0954	0.0954	0.0093	2022v1
MGM Grand/New York New York	Generator	825	B	20300101	25	2.1200	0.0058	0.0058	2.1389	0.0059	0.0059	0.0030	2022v1
MGM Grand/New York New York	Paint booth	825	C	40201101	25	9.5400	0.0261	0.0261	9.0673	0.0248	0.0248	-0.0165	2022v1
MGM Grand/New York New York	Tank	825	D	40600401	25	1.8900	0.0052	0.0052	1.8900	0.0052	0.0052	0.0000	2022v1
Las Vegas Valley Water District	Generator	836	A	20300101	25	0.6000	0.0016	0.0016	0.6054	0.0017	0.0017	0.0030	2022v1
Las Vegas Valley Water District	Boiler	836	D	10300603	25	0.1700	0.0005	0.0005	0.1705	0.0005	0.0005	0.0009	2022v1
Las Vegas Valley Water District	Air Compressor	836	G04	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	2022v1
Universal Urethane	Molding machines	859	B	30800802	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0090	2022v1
Univesral Urethane	Spray painting booths	859	A	40202201	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0036	2022v1
Sunset Station	Boiler	869	A	10300603	25	3.0200	0.0083	0.0083	3.0280	0.0083	0.0083	0.0009	2022v1
Sunset Station	Generator	869	B	20300101	25	0.2500	0.0007	0.0007	0.2522	0.0007	0.0007	0.0030	2022v1
Yesco LLC	Booth Heater	974	A08,A10	10200603	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0099	2022v1
West Rock	Digital Printers	1055	A	40500501	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Republic Services Transfer Station	Boiler	1087	B	10300603	25	0.3000	0.0008	0.0008	0.3008	0.0008	0.0008	0.0009	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Republic Services Transfer Station	Generator	1087	G	20300101	25	0.0900	0.0002	0.0002	0.0908	0.0002	0.0002	0.0030	2022v1
Las Vegas Color Graphics	Printing Press	1149	A	40500411	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
St Rose Dominican Siena	Boiler	1500	A	10300603	25	5.8300	0.0160	0.0160	5.8455	0.0160	0.0160	0.0009	2022v1
St Rose Dominican Siena	Generator	1500	B	20300101	25	0.8500	0.0023	0.0023	0.8576	0.0023	0.0023	0.0030	2022v1
Green Valley Ranch Resort	Boiler	1501	A	10300603	25	0.8500	0.0023	0.0023	0.8523	0.0023	0.0023	0.0009	2022v1
Green Valley Ranch Resort	Generator	1501	B	20300101	25	0.6000	0.0016	0.0016	0.6054	0.0017	0.0017	0.0030	2022v1
Palms Casino Resort	Boiler	1522	A	10300603	25	1.9300	0.0053	0.0053	1.9351	0.0053	0.0053	0.0009	2022v1
Palms Casino Resort	Generator	1522	B	20300101	25	0.5500	0.0015	0.0015	0.5549	0.0015	0.0015	0.0030	2022v1
Boulder Station Hotel and Casino	Boiler	1524	A	10300603	25	3.1900	0.0087	0.0087	3.1985	0.0088	0.0088	0.0009	2022v1
Boulder Station Hotel and Casino	Generator	1524	B	20300101	25	0.8200	0.0022	0.0022	0.8273	0.0023	0.0023	0.0030	2022v1
Mountain View Hospital	Boiler	1569	A	10300603	25	1.4200	0.0039	0.0039	1.4238	0.0039	0.0039	0.0009	2022v1
Mountain View Hospital	Generator	1569	B	20300101	25	1.6200	0.0044	0.0044	1.6345	0.0045	0.0045	0.0030	2022v1
Sumerlin Hospital	Boiler	1573	A	10300603	25	7.7100	0.0211	0.0211	7.7305	0.0212	0.0212	0.0009	2022v1
Sumerlin Hospital	Generator	1573	B	20300101	25	2.6800	0.0073	0.0073	2.7039	0.0074	0.0074	0.0030	2022v1
Lasfuel Reid Tank Farm	Generator	1589	C	20300101	25	0.6300	0.0017	0.0017	0.6356	0.0017	0.0017	0.0030	2022v1
Lasfuel Reid Tank Farm	Thermal Oxidizer	1589	B06	40400153	25	0.0800	0.0002	0.0002	0.0797	0.0002	0.0002	-0.0013	2022v1
Wynn Las Vegas	Generator	1624	A	20100102	25	2.8200	0.0077	0.0077	2.6770	0.0073	0.0073	-0.0169	2022v1
Wynn Las Vegas	Dry Cleaning	1624	R	40100103	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Wynn Las Vegas	AST	1624	C	40600306	25	6.4800	0.0178	0.0178	6.4800	0.0178	0.0178	0.0000	2022v1
North Las Vegas Airport	Generator	9596	C	20100102	25	0.0700	0.0002	0.0002	0.0665	0.0002	0.0002	-0.0169	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Henderson Executive Airport	Generator	9603	B	20100102	25	0.0800	0.0002	0.0002	0.0759	0.0002	0.0002	-0.0169	2022v1
Brady Linen Services	Boiler	10201	B	10200602	25	5.0200	0.0138	0.0138	4.9652	0.0136	0.0136	-0.0036	2022v1
Brady Linen Services	Dryer	10201	D	41000130	25	21.2100	0.0581	0.0581	21.2100	0.0581	0.0581	0.0000	2022v1
Republic Services (Sunrise)	Flare	15033	1	50300601	25	3.5400	0.0097	0.0097	3.7524	0.0103	0.0103	0.0200	2022v1
CPP Acquisition	Dryer	15193	D	40500101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
CPP Acquisition	Printer	15193	P	40500401	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
T-Mobile USA Inc.	Generator	15265	A	20100102	25	2.3500	0.0064	0.0064	2.2309	0.0061	0.0061	-0.0169	2022v1
Reid Rent a Car Center	Boiler	15409	A	10300603	25	0.1700	0.0005	0.0005	0.1705	0.0005	0.0005	0.0009	2022v1
Reid Rent a Car Center	Generator	15409	B	20100102	25	0.0200	0.0001	0.0001	0.0190	0.0001	0.0001	-0.0169	2022v1
Metl Span	Panel manufacturing	15422	A01	30800802	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0090	2022v1
Artesian Spas	Spray booth with RTO	15426	A01	30800724	25	0.5100	0.0014	0.0014	0.5100	0.0014	0.0014	0.0000	2022v1
Red Rock Casino Resort	Boiler	15487	A	10300602	25	3.9700	0.0109	0.0109	4.0533	0.0111	0.0111	0.0070	2022v1
Red Rock Casino Resort	Generator	15487	B	20300101	25	1.3300	0.0036	0.0036	1.3419	0.0037	0.0037	0.0030	2022v1
South Point Hotel and Casino	Boiler	15515	A	10300602	25	3.2500	0.0089	0.0089	3.3182	0.0091	0.0091	0.0070	2022v1
South Point Hotel and Casino	Generator	15515	B	20300101	25	0.7600	0.0021	0.0021	0.7668	0.0021	0.0021	0.0030	2022v1
World Market Center	Boiler	15541	B	10300602	25	1.8500	0.0051	0.0051	1.8888	0.0052	0.0052	0.0070	2022v1
World Market Center	Generator	15541	F	20300101	25	1.6100	0.0044	0.0044	1.6244	0.0045	0.0045	0.0030	2022v1
CDW Logistics	Generator	15634	A	20300101	25	0.9000	0.0025	0.0025	0.9080	0.0025	0.0025	0.0030	2022v1
Manheim Nevada	Generator	15839	C	20100102	25	0.1200	0.0003	0.0003	0.1139	0.0003	0.0003	-0.0169	2022v1
Manheim Nevada	Heater	15839	B	40201001	25	3.7800	0.0104	0.0104	3.6730	0.0101	0.0101	-0.0094	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
City of Henderson Down-town	Boiler	15847	B	10300603	25	0.7000	0.0019	0.0019	0.7019	0.0019	0.0019	0.0009	2022v1
City of Henderson Down-town	Generator	15847	G	20300101	25	0.7600	0.0021	0.0021	0.7668	0.0021	0.0021	0.0030	2022v1
Centennial Hills Hospital	Boiler	15873	A	10300602	25	1.0100	0.0028	0.0028	1.0312	0.0028	0.0028	0.0070	2022v1
Centennial Hills Hospital	Generator	15873	C	20300101	25	1.3000	0.0036	0.0036	1.3116	0.0036	0.0036	0.0030	2022v1
Plasticard Locktech	Heater	15876	B	10300603	25	0.3300	0.0009	0.0009	0.3309	0.0009	0.0009	0.0009	2022v1
Plasticard Locktech	Press	15876	A	40202201	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0036	2022v1
Veterans Administration	Boiler	15970	B	10300602	25	6.8100	0.0187	0.0187	6.9528	0.0190	0.0190	0.0070	2022v1
Veterans Administration	Generator	15970	A	20300101	25	2.3200	0.0064	0.0064	2.3407	0.0064	0.0064	0.0030	2022v1
2755 Las Vegas	Boiler	15999	A	10300602	25	1.8200	0.0050	0.0050	1.8582	0.0051	0.0051	0.0070	2022v1
2755 Las Vegas	Generator	15999	B	20300101	25	1.8500	0.0051	0.0051	1.8665	0.0051	0.0051	0.0030	2022v1
Biodiesel of Las Vegas	Fire Pump	16118	C01	20200102	25	0.0100	0.0000	0.0000	0.0098	0.0000	0.0000	-0.0073	2022v1
UNEV Pipeline	Generator	16157	B01	20200102	25	0.0100	0.0000	0.0000	0.0098	0.0000	0.0000	-0.0073	2022v1
Switch	Generator	16258	B	20300101	25	1.8700	0.0051	0.0051	1.8867	0.0052	0.0052	0.0030	2022v1
Beltway Complex	Generator	16290	A	20300101	25	1.5200	0.0042	0.0042	1.5336	0.0042	0.0042	0.0030	2022v1
Erickson International	RTO	16295	C	30190013	25	0.2200	0.0006	0.0006	0.2130	0.0006	0.0006	-0.0105	2022v1
Erickson International	Dryer	16295	B	40200101	25	0.1200	0.0003	0.0003	0.1200	0.0003	0.0003	0.0000	2022v1
GE Transport	Parts Washer	16300	A	40201501	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0058	2022v1
Switch Communications	Generator	16304	A	20022102	25	32.8300	0.0899	0.0899	32.8300	0.0899	0.0899	0.0000	2022v1
Pro Terminal Operators	Loading Rack	16376	A07	40400150	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Treasure Island	Generator	16452	A	20300101	25	4.3400	0.0119	0.0119	4.3787	0.0120	0.0120	0.0030	2022v1
Monarch Mountain Minerals & Aggregates	Generator	16460	D	20300101	25	21.0900	0.0578	0.0578	21.2782	0.0583	0.0583	0.0030	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Clark County Downtown Campus	Boiler	16665	A	10300603	25	2.2290	0.0061	0.0061	2.2349	0.0061	0.0061	0.0009	2022v1
Clark County Downtown Campus	Generator	16665	B	20300101	25	1.8700	0.0051	0.0051	1.8867	0.0052	0.0052	0.0030	2022v1
CTC Crushing	Generator	16673	B	20300101	25	3.3900	0.0093	0.0093	3.4202	0.0094	0.0094	0.0030	2022v1
Freeman	Generator	16684	B	20300101	25	0.0800	0.0002	0.0002	0.0807	0.0002	0.0002	0.0030	2022v1
Terra Firma Organics	Generator	16706	B	20300101	25	0.0800	0.0002	0.0002	0.0807	0.0002	0.0002	0.0030	2022v1
Resorts World	Boiler	16925	B	10300602	25	2.0500	0.0056	0.0056	2.0930	0.0057	0.0057	0.0070	2022v1
Resorts World	Generator	16925	A	20300101	25	0.8600	0.0024	0.0024	0.8677	0.0024	0.0024	0.0030	2022v1
Preferred Laminations	Surface Coating	17220	A	40202501	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Viawest	Generator	17272	A	20300101	25	10.8500	0.0297	0.0297	10.9468	0.0300	0.0300	0.0030	2022v1
Blue Diamond Hill Gypsum	Engines	17286	C	20300101	25	51.1600	0.1402	0.1402	51.6164	0.1414	0.1414	0.0030	2022v1
Blue Diamond Hill Gypsum	Blasting	17286	A001	30504001	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0018	2022v1
Flowers Baking Company of Henderson, LLC	Baking Oven - Bread Line	17320	B	10200602	25	6.9700	0.0191	0.0191	6.8939	0.0189	0.0189	-0.0036	2022v1
Flowers Baking Company of Henderson, LLC	Catalytic Oxidizer	17320	C03/C06	30203299	25	0.8900	0.0024	0.0024	0.8950	0.0025	0.0025	0.0019	2022v1
Flowers Baking Company of Henderson, LLC	Boiler	17320	D	10200603	25	0.3000	0.0008	0.0008	0.2911	0.0008	0.0008	-0.0099	2022v1
Shelby American	Heater	17347	A03	39990003	25	0.8600	0.0024	0.0024	0.8109	0.0022	0.0022	-0.0190	2022v1
NBC Fourth Realty	Generator	17439	A	20301001	25	1.6900	0.0046	0.0046	1.7098	0.0047	0.0047	0.0039	2022v1
Zcolo Zayo Group	Generator	17648	A	20301001	25	1.4400	0.0039	0.0039	1.4569	0.0040	0.0040	0.0039	2022v1
Wells Cargo Lone Mountain	Engines	17749	A	20300101	25	20.2100	0.0554	0.0554	20.3903	0.0559	0.0559	0.0030	2022v1
Wells Cargo Lone Mountain	Drum Mixer	17749	C02	30500257	25	0.6000	0.0016	0.0016	0.6360	0.0017	0.0017	0.0200	2022v1
Wells Cargo Lone Mountain	Blasting	17749	B	30504001	25	10.8300	0.0297	0.0297	10.7731	0.0295	0.0295	-0.0018	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Pro Terminal Operators LLC	VCU Emissions	17780	A08	40400153	25	0.8400	0.0023	0.0023	0.8368	0.0023	0.0023	-0.0013	2022v1
Pro Terminal Operators LLC	Generator	17780	B	20300101	25	0.4100	0.0011	0.0011	0.4137	0.0011	0.0011	0.0030	2022v1
Las Vegas Paving Corporation Kapex	Baghouse	17802	A10a/A11	30500205	25	7.1600	0.0196	0.0196	7.2891	0.0200	0.0200	0.0060	2022v1
Las Vegas Paving Corporation Kapex	Truck Loading	17802	A12	30500214	25	0.1800	0.0005	0.0005	0.1908	0.0005	0.0005	0.0200	2022v1
Las Vegas Paving Corporation Kapex	Diesel Oil Heater	17802	A16	30500208	25	0.8000	0.0022	0.0022	0.8202	0.0022	0.0022	0.0084	2022v1
Las Vegas Paving Corporation Kapex	Generator	17802	D	20200102	25	6.0200	0.0165	0.0165	5.8882	0.0161	0.0161	-0.0073	2022v1
Las Vegas Paving Corporation Portable #1	Drilling & Blasting	17855	F01	30504002	25	0.5400	0.0015	0.0015	0.5400	0.0015	0.0015	0.0000	2022v1
Las Vegas Paving Corporation Portable #1	Generator	17855	E06	20200102	25	20.3600	0.0558	0.0558	19.9141	0.0546	0.0546	-0.0073	2022v1
Turano Nevada Baking LLC	Bun oven - Natural Gas	17908	A01/A04	30203201	25	2.4900	0.0068	0.0068	2.5038	0.0069	0.0069	0.0018	2022v1
Turano Nevada Baking LLC	Boiler	17908	A02/A03	10300603	25	0.8500	0.0023	0.0023	0.8523	0.0023	0.0023	0.0009	2022v1
Turano Nevada Baking LLC	Catalytic Oxidizer	17908	D	30203299	25	0.9700	0.0027	0.0027	0.9755	0.0027	0.0027	0.0019	2022v1
Progress Rail	Parts Washer	17918	A01	10300603	25	1.2300	0.0034	0.0034	1.2333	0.0034	0.0034	0.0009	2022v1
Nevada Ready Mix Corporation	Soil Vapor Extraction Remedial System	17922	A01	50410313	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
SPEC Aggregates	Blasting	17969	D01	30504001	25	0.1700	0.0005	0.0005	0.1691	0.0005	0.0005	-0.0018	2022v1
SPEC Aggregates	Generator	17969	E	20200102	25	12.8400	0.0352	0.0352	12.5588	0.0344	0.0344	-0.0073	2022v1
Jasmine Development LLC	Emergency Generator	17982	A	20300101	25	12.5500	0.0344	0.0344	12.6620	0.0347	0.0347	0.0030	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Xtreme Manufacturing	Booth Heater	17985	A	40201001	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0094	2022v1
Xtreme Manufacturing	Powder Coating Oven	17985	C02	40201001	25	0.1800	0.0005	0.0005	0.1749	0.0005	0.0005	-0.0094	2022v1
Xtreme Manufacturing	Emergency Fire Water	17985	D01	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	2022v1
Westrock Las Vegas Pre Print	Printing Press	18015	A01	40500312	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Las Vegas Stadium	Boiler	18017	A	10300603	25	1.3800	0.0038	0.0038	1.3837	0.0038	0.0038	0.0009	2022v1
Las Vegas Stadium	Generator	18017	B	20300101	25	4.3200	0.0118	0.0118	4.3585	0.0119	0.0119	0.0030	2022v1
Switch LTD	Generator	18024	A	20022102	25	4.9100	0.0135	0.0135	4.9100	0.0135	0.0135	0.0000	2022v1
Diamond Solo LLC	Drilling & Blasting	18032	A	30502514	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0200	2022v1
North Las Vegas LH2 Plant	Steam Methane Re-former	18033	A01	30107101	25	28.5000	0.0781	0.0781	28.0808	0.0769	0.0769	-0.0049	2022v1
North Las Vegas LH2 Plant	Flare	18033	A02	30190023	25	1.1600	0.0032	0.0032	1.1287	0.0031	0.0031	-0.0090	2022v1
North Las Vegas LH2 Plant	Generator	18033	B	20200102	25	0.0600	0.0002	0.0002	0.0587	0.0002	0.0002	-0.0073	2022v1
Amazon Services Inc Las Vegas Facility	Generator	18051	E	20300101	25	0.0700	0.0002	0.0002	0.0706	0.0002	0.0002	0.0030	2022v1
Flexaust INC	Extruder	18086	A	30101809	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0046	2022v1
Las Vegas Paving Corporation Portable #3	Generator	18087	B01	20200102	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0073	2022v1
Apex Materials, Llc	Drilling & Blasting	18132	A01	30502514	25	0.1000	0.0003	0.0003	0.1060	0.0003	0.0003	0.0200	2022v1
Apex Materials, Llc	Generator	18132	E01	20200102	25	27.0000	0.0740	0.0740	26.4087	0.0724	0.0724	-0.0073	2022v1
Novva Data Centers	Generator	18179	A	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	2022v1
Durango Casino And Resort	Boiler	18196	A	10300603	25	0.5700	0.0016	0.0016	0.5715	0.0016	0.0016	0.0009	2022v1
Durango Casino And Resort	Generator	18196	B	20300101	25	1.1200	0.0031	0.0031	1.1300	0.0031	0.0031	0.0030	2022v1
Beads	Boiler	18202	B01	10300603	25	0.0600	0.0002	0.0002	0.0602	0.0002	0.0002	0.0009	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	NOx Growth Factor (2022-2026)	Source
Verizon Las Vegas Belmont	Generator	18218	A	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	2022v1
Total						1074.27	2.93	3.22	1081.70	2.96	3.25		

Table B3. HA 212 unit-level point source VOC emissions for 2017.

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 summer TPD	Source
Certain Teed Gypsum	Generator	4	B8	20200401	25	0.010	0.0000	0.0000	default value
Certain Teed Gypsum	Generator	4	4-L4	20200401	25	0.190	0.0005	0.0005	default value
Certain Teed Gypsum	Grinder	4	4-F1	30501502	25	0.310	0.0008	0.0008	2016 v.1
Certain Teed Gypsum	Continuous Calciner	4	4-G1	30501511	25	0.100	0.0003	0.0003	2016 v.1
Certain Teed Gypsum	Impact Mill	4	4-E11	30501513	25	0.290	0.0008	0.0008	2016 v.1
Certain Teed Gypsum	Dryer	4	4-J3	30501520	25	0.700	0.0019	0.0019	2016 v.1
NV Energy (Clark Station)	Turbine	7	27	20100201	27	0.260	0.0007	0.0008	2016 v.1
NV Energy (Clark Station)	Turbine	7	35	20100201	27	0.300	0.0008	0.0009	2016 v.1
NV Energy (Clark Station)	Turbine	7	38	20100201	27	0.300	0.0008	0.0009	2016 v.1
NV Energy (Clark Station)	Turbine	7	37	20100201	27	0.320	0.0009	0.0009	2016 v.1
NV Energy (Clark Station)	Turbine	7	33	20100201	27	0.330	0.0009	0.0010	2016 v.1
NV Energy (Clark Station)	Turbine	7	29	20100201	27	0.340	0.0009	0.0010	2016 v.1
NV Energy (Clark Station)	Turbine	7	36	20100201	27	0.360	0.0010	0.0011	2016 v.1
NV Energy (Clark Station)	Turbine	7	31	20100201	27	0.390	0.0011	0.0012	2016 v.1
NV Energy (Clark Station)	Turbine	7	28	20100201	27	0.440	0.0012	0.0013	2016 v.1
NV Energy (Clark Station)	Turbine	7	32	20100201	27	0.440	0.0012	0.0013	2016 v.1
NV Energy (Clark Station)	Turbine	7	34	20100201	27	0.470	0.0013	0.0014	2016 v.1
NV Energy (Clark Station)	Turbine	7	4	20100201	27	0.520	0.0014	0.0015	2016 v.1
NV Energy (Clark Station)	Turbine	7	30	20100201	27	0.540	0.0015	0.0016	2016 v.1
NV Energy (Clark Station)	Turbine	7	7	20100201	27	1.830	0.0050	0.0054	2016 v.1
NV Energy (Clark Station)	Turbine	7	5	20100201	27	2.290	0.0063	0.0068	2016 v.1
NV Energy (Clark Station)	Turbine	7	8	20100201	27	2.440	0.0067	0.0072	2016 v.1
NV Energy (Clark Station)	Turbine	7	6	20100201	27	2.530	0.0069	0.0075	2016 v.1
NV Energy (Clark Station)	Generator	7	21	20200102	27	0.010	0.0000	0.0000	2016 v.1
NV Energy (Clark Station)	Generator	7	45	20200102	27	0.010	0.0000	0.0000	2016 v.1
Olin Chlor Alkali Products	Generator	9	1	20200102	25	0.290	0.0008	0.0008	2016 v.1
Wells Cargo	Asphalt Oil Heater	12	2	30500206	25	0.030	0.0001	0.0001	2016 v.1
Wells Cargo	Drum Mixer	12	1	30500257	25	8.760	0.0240	0.0240	2016 v.1
Wells Cargo	Fugitives	12	3	30500298	25	5.360	0.0147	0.0147	2016 v.1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Pro-portion (%)	2017 Ac-tual TPY	2017 TPD	2017 sum-mer TPD	Source
Kinder Morgan	Diesel Pump	13	D02	20200102	25	0.005	0.0000	0.0000	2016 v.1
Kinder Morgan	Flare Processing	13	B10	30600904	25	0.028	0.0001	0.0001	2016 v.1
Kinder Morgan	Thermal Oxidizer	13	SR04	50410312	25	59.300	0.1625	0.1625	2016 v.1
Titanium Metals Corp.	CO Burner/Boiler	19	B06	10201402	25	0.170	0.0005	0.0005	2016 v.1
Titanium Metals Corp.	Hot Oil Heater	19	C05	30301201	25	0.059	0.0002	0.0002	2016 v.1
Titanium Metals Corp.	Fugitives	19	A01	30301299	25	2.141	0.0059	0.0059	2016 v.1
Northwind Alladin	Boiler	26	1	10300603	25	0.210	0.0006	0.0006	default value
Circus Circus Hotel and Ca-sino	Boiler	47	1	10300603	25	0.610	0.0017	0.0017	2016 v.1
CCWRD Flamingo Center	Boiler	54	1	10300603	25	3.390	0.0093	0.0093	2016 v.1
BKEP Materials	Boiler	67	1	10300603	25	0.720	0.0020	0.0020	2016 v.1
Las Vegas Paving - Blue Dia-mond	Drum Mixer	70	B12	30500257	25	4.970	0.0136	0.0136	2016 v.1
Golden Nugget Hotel and Casino	Boiler	81	1	10300603	25	0.150	0.0004	0.0004	2016 v.1
Horseshoe Club	Boiler	85	1	10300603	25	0.960	0.0026	0.0026	2016 v.1
Tronox	Boiler	95	A07	10300602	25	0.040	0.0001	0.0001	2016 v.1
Tronox	Boiler	95	A05	10300602	25	0.930	0.0025	0.0025	2016 v.1
Tronox	Generator	95	A01	20300101	25	0.001	0.0000	0.0000	2016 v.1
Tronox	Generator	95	A02	20300101	25	0.010	0.0000	0.0000	2016 v.1
Tronox	Generator	95	A03	20300101	25	0.010	0.0000	0.0000	2016 v.1
Tronox	Generator	95	A04	20300101	25	0.030	0.0001	0.0001	2016 v.1
Tronox	Chem. Manufactur-ing	95	A15	30107002	25	0.070	0.0002	0.0002	2016 v.1
Tronox	Chem. Manufactur-ing	95	A10	30107002	25	0.330	0.0009	0.0009	2016 v.1
Westgate Las Vegas	Boiler	101	B	10300603	25	0.580	0.0016	0.0016	2016 v.1
Westgate Las Vegas	Generator	101	G	20100102	25	0.010	0.0000	0.0000	2016 v.1
Las Vegas Paving - 5th Street	Fire Pump	104	E02	20200102	25	0.030	0.0001	0.0001	2016 v.1
Las Vegas Paving - 5th Street	Drum Mixer	104	E01	30500205	25	5.190	0.0142	0.0142	2016 v.1
Las Vegas Paving - 5th Street	Oil Heater	104	H01	30500206	25	0.030	0.0001	0.0001	2016 v.1
Las Vegas Paving - 5th	Asphalt Silos	104	B19	30500213	25	2.110	0.0058	0.0058	2016 v.1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Pro-portion (%)	2017 Ac-tual TPY	2017 TPD	2017 sum-mer TPD	Source
Street									
Las Vegas Paving - 5th Street	Truck Loadout	104	B17	30500214	25	0.680	0.0019	0.0019	2016 v.1
Las Vegas Paving - 5th Street	Drum Dryer	104	E03	39001089	25	0.520	0.0014	0.0014	2016 v.1
Las Vegas Paving - 5th Street	UST	104	G01	40600706	25	0.140	0.0004	0.0004	2016 v.1
Las Vegas Paving - Lone Mountain	Generator	105	C	20200102	25	1.690	0.0046	0.0046	2016 v.1
Las Vegas Paving - Lone Mountain	Drum Dryer	105	B012	30500205	25	3.320	0.0091	0.0091	2016 v.1
Las Vegas Paving - Lone Mountain	Oil Heater	105	B011	30500209	25	0.020	0.0001	0.0001	2016 v.1
Las Vegas Paving - Lone Mountain	Asphalt Silos	105	B013	30500213	25	0.080	0.0002	0.0002	2016 v.1
Reid International Airport	Boiler	108	A	10300602	25	0.800	0.0022	0.0022	2016 v.1
Reid International Airport	Generator	108	E	20200102	25	0.140	0.0004	0.0004	2016 v.1
Reid International Airport	Paint Booth	108	S01	40201101	25	0.170	0.0005	0.0005	2016 v.1
Reid International Airport	AST	108	W01	40600401	25	0.190	0.0005	0.0005	2016 v.1
Nellis AFB	Nat gas boilers	114	RB-C	10300602	25	0.400	0.0011	0.0011	2016 v.1
Nellis AFB	Internal Combustion	114	G	20300301	25	0.310	0.0008	0.0008	IPM
Nellis AFB	Hush House	114	N	20400110	25	0.530	0.0015	0.0015	IPM
Nellis AFB	Misc Chemicals	114	O	24600000	25	6.140	0.0168	0.0168	2016 v.1
Nellis AFB	Drum Mixer	114	A047	30500205	25	0.120	0.0003	0.0003	2016 v.1
Nellis AFB	Degreasers	114	M	40100336	25	0.080	0.0002	0.0002	2016 v.1
Nellis AFB	Surface coating	114	D	40202501	25	1.400	0.0038	0.0038	2016 v.1
Nellis AFB	Fuel dispensing	114	J	40688801	25	5.300	0.0145	0.0145	2016 v.1
SLS Las Vegas	Boiler	133	A	10300602	25	0.250	0.0007	0.0007	IPM
SLS Las Vegas	Generator	133	B	20300101	25	0.050	0.0001	0.0001	IPM
University Medical Center	Boiler	142	A	10300603	25	0.410	0.0011	0.0011	2016 v.1
University Medical Center	Generator	142	B	20300101	25	0.080	0.0002	0.0002	2016 v.1
Las Vegas Paving	Drum Mixer	186	B013	30500205	25	2.040	0.0056	0.0056	2016 v.1
Las Vegas Paving	Oil Heater	186	B023	30500208	25	0.010	0.0000	0.0000	2016 v.1
Las Vegas Paving	Waste Silo	186	B017	30500213	25	0.060	0.0002	0.0002	2016 v.1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Pro-portion (%)	2017 Ac-tual TPY	2017 TPD	2017 sum-mer TPD	Source
Las Vegas Paving	Truck Loadout	186	B020	30500214	25	0.260	0.0007	0.0007	2016 v.1
Caesars Consolidated	Boiler	257	1	10300603	25	2.000	0.0055	0.0055	2016 v.1
Mirage/Treasure Island	Boiler	282	1	10300603	25	1.010	0.0028	0.0028	2016 v.1
Brady Linen Services	Dryer	322	1	30504033	25	1.480	0.0041	0.0041	2016 v.1
Catalina Plastic and Coating	Plastics	323	1	40201399	25	11.130	0.0305	0.0305	2016 v.1
Las Vegas Cogeneration	Generator	329	10	20100102	51	0.010	0.0000	0.0001	2016 v.1
Las Vegas Cogeneration	Generator	329	11	20100102	51	0.020	0.0001	0.0001	2016 v.1
Las Vegas Cogeneration	Turbine	329	1	20100201	51	0.680	0.0019	0.0038	2016 v.1
Las Vegas Cogeneration	Turbine	329	3	20100201	51	0.980	0.0027	0.0055	2016 v.1
Las Vegas Cogeneration	Turbine	329	5	20100201	51	1.340	0.0037	0.0075	2016 v.1
Las Vegas Cogeneration	Turbine	329	6	20100201	51	1.350	0.0037	0.0075	2016 v.1
Las Vegas Cogeneration	Turbine	329	4	20100201	51	1.410	0.0039	0.0079	2016 v.1
Boral Roofing	Curing Tunnel	346	B18	30500850	25	0.010	0.0000	0.0000	2016 v.1
Boral Roofing	Surface coating	346	AB	40299995	25	2.860	0.0078	0.0078	2016 v.1
Aggregate Industries	Boiler	372	10	10300602	25	0.120	0.0003	0.0003	2016 v.1
Aggregate Industries	Generator	372	1	20100102	25	3.290	0.0090	0.0090	2016 v.1
Aggregate Industries	Mineral Products	372	4	30500208	25	0.000	0.0000	0.0000	2016 v.1
Aggregate Industries	Mineral Products	372	5	30500208	25	0.010	0.0000	0.0000	2016 v.1
Aggregate Industries	Mineral Products	372	2	30500208	25	0.015	0.0000	0.0000	2016 v.1
Aggregate Industries	Mineral Products	372	3	30500242	25	0.015	0.0000	0.0000	2016 v.1
Aggregate Industries	Mineral Products	372	13	30502599	25	0.030	0.0001	0.0001	2016 v.1
Saguaro Power Company	Boiler	393	5	10100601	27	0.276	0.0008	0.0008	2016 v.1
Saguaro Power Company	Boiler	393	6	10100602	27	0.137	0.0004	0.0004	2016 v.1
Saguaro Power Company	Starter	393	3	20100102	27	0.005	0.0000	0.0000	2016 v.1
Saguaro Power Company	Starter	393	4	20100102	27	0.006	0.0000	0.0000	2016 v.1
Saguaro Power Company	Generator	393	7	20100102	27	0.050	0.0001	0.0001	2016 v.1
Saguaro Power Company	Turbine	393	1	20100201	27	3.875	0.0106	0.0115	2016 v.1
Saguaro Power Company	Turbine	393	2	20100201	27	3.881	0.0106	0.0115	2016 v.1
City of Las Vegas WPCF	Generator	402	2	20200102	25	0.070	0.0002	0.0002	2016 v.1
City of Las Vegas WPCF	Generator	402	3	20200202	25	0.010	0.0000	0.0000	2016 v.1

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Pro-portion (%)	2017 Ac-tual TPY	2017 TPD	2017 sum-mer TPD	Source
City of Las Vegas WPCF	Waste Flare	402	5	50100789	25	0.340	0.0009	0.0009	2016 v.1
City of Las Vegas WPCF	Boilers	402	8	50100799	25	0.110	0.0003	0.0003	2016 v.1
City of Las Vegas WPCF	Boilers	402	7	50100799	25	0.210	0.0006	0.0006	2016 v.1
City of Las Vegas WPCF	Blower Engines	402	6	50100799	25	3.640	0.0100	0.0100	2016 v.1
Nikkiso Cryo	Generator	404	1	20200102	25	0.390	0.0011	0.0011	2016 v.1
Nevada Sun Peak Partner-ships	Turbine	423	3	20100201	37	0.060	0.0002	0.0002	2016 v.1
Nevada Sun Peak Partner-ships	Turbine	423	2	20100201	37	0.080	0.0002	0.0003	2016 v.1
Nevada Sun Peak Partner-ships	Turbine	423	1	20100201	37	0.110	0.0003	0.0004	2016 v.1
Hard Rock Hotel and Casino	Boiler	510	A	10300603	25	0.230	0.0006	0.0006	2016 v.1
Hard Rock Hotel and Casino	Generator	510	B	20300101	25	0.020	0.0001	0.0001	2016 v.1
Texas Station Casino	Boiler	531	A	10300603	25	0.400	0.0011	0.0011	2016 v.1
Texas Station Casino	Generator	531	B	20300101	25	0.020	0.0001	0.0001	2016 v.1
Citibank The Lakes	Generator	546	A	20300101	25	0.010	0.0000	0.0000	2016 v.1
Rio All Suites Hotel and Ca-sino	Boiler	555	A	10300603	25	1.580	0.0043	0.0043	2016 v.1
Rio All Suites Hotel and Ca-sino	Generator	555	C	20300101	25	0.050	0.0001	0.0001	2016 v.1
Kurt Segler Water Reclama-tion	Generator	558	B	20200102	25	0.900	0.0025	0.0025	2016 v.1
Kurt Segler Water Reclama-tion	Waste water treat-ment	558	B01	50100765	25	0.240	0.0007	0.0007	2016 v.1
Stratosphere Hotel and Ca-sino	Boiler	564	A	10300603	25	0.330	0.0009	0.0009	2016 v.1
Stratosphere Hotel and Ca-sino	Generator	564	B	20300101	25	0.170	0.0005	0.0005	2016 v.1
Aggregate Industries - Gowan	Drum Mixer	587	A08	30500205	25	2.980	0.0082	0.0082	2016 v.1
Aggregate Industries - Gowan	Asphalt Oil Heater	587	E	30500208	25	0.070	0.0002	0.0002	2016 v.1
Aggregate Industries - Gowan	Asphalt Silos	587	A12	30500212	25	4.380	0.0120	0.0120	2016 v.1
Las Vegas Review Journal	Generator	588	D	20300101	25	0.010	0.0000	0.0000	2016 v.1
Las Vegas Review Journal	Parts Washer	588	B	40500417	25	8.080	0.0221	0.0221	2016 v.1
Berry Plastics Corporation	Generator	597	F01	20300101	25	0.010	0.0000	0.0000	2016 v.1

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Pro-portion (%)	2017 Ac-tual TPY	2017 TPD	2017 sum-mer TPD	Source
Berry Plastics Corporation	Offset Printing	597	E01	40500802	25	5.630	0.0154	0.0154	2016 v.1
Palace Station Hotel and Ca-sino	Boiler	605	A	10300603	25	0.490	0.0013	0.0013	2016 v.1
Palace Station Hotel and Ca-sino	Generator	605	B	20300101	25	0.020	0.0001	0.0001	2016 v.1
Gold Coast Hotel and Casino	Boiler	606	A	10300603	25	0.270	0.0007	0.0007	IPM
Gold Coast Hotel and Casino	Generator	606	B	20300101	25	0.060	0.0002	0.0002	IPM
Sams Town Hotel and Casino	Boiler	616	A	10300603	25	0.230	0.0006	0.0006	IPM
Sams Town Hotel and Casino	Generator	616	B	20300101	25	0.010	0.0000	0.0000	IPM
Santa Fe Station	Boiler	621	A	10300603	25	0.670	0.0018	0.0018	2016 v.1
Santa Fe Station	Generator	621	B	20300101	25	0.010	0.0000	0.0000	default value
University of Nevada, Las Vegas	Boiler	634	A	10300603	25	0.740	0.0020	0.0020	2016 v.1
University of Nevada, Las Vegas	Generator	634	B	20300101	25	0.060	0.0002	0.0002	2016 v.1
Orleans Hotel and Casino	Boiler	641	A	10300603	25	0.500	0.0014	0.0014	2016 v.1
Orleans Hotel and Casino	Generator	641	B	20300101	25	0.010	0.0000	0.0000	2016 v.1
Venetian Hotel and Casino	Boiler	697	B	10300603	25	3.170	0.0087	0.0087	2016 v.1
Venetian Hotel and Casino	Generator	697	C	20300101	25	0.120	0.0003	0.0003	2016 v.1
Verizon Business	Generator	726	A	20300101	25	0.020	0.0001	0.0001	2016 v.1
Nevada Color Litho	Printing Press	754	A05	40500433	25	18.860	0.0517	0.0517	2016 v.1
JW Marriott Las Vegas	Boiler	755	A	10300603	25	0.340	0.0009	0.0009	default value
JW Marriott Las Vegas	Generator	755	B	20300101	25	0.020	0.0001	0.0001	default value
Suncoast Hotel and Casino	Boiler	775	A	10300603	25	0.230	0.0006	0.0006	default value
Suncoast Hotel and Casino	Generator	775	B	20300101	25	0.030	0.0001	0.0001	default value
Viawest	Generator	777	A	20300101	25	0.030	0.0001	0.0001	2016 v.1
Cancun Resort	Boiler	788	A	10300603	25	0.160	0.0004	0.0004	2016 v.1
Cancun Resort	Generator	788	B	20300101	25	0.020	0.0001	0.0001	2016 v.1
Clearwater Paper	Boiler	807	A10	10200602	25	0.560	0.0015	0.0015	2016 v.1
Clearwater Paper	Air heaters	807	A08	30790003	25	6.930	0.0190	0.0190	2016 v.1
Clearwater Paper	Paper process fugi-tives	807	F	30799998	25	14.580	0.0399	0.0399	2016 v.1
MGM Grand/New York New York	Boiler	825	A	10300603	25	5.840	0.0160	0.0160	default value

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Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Pro-portion (%)	2017 Ac-tual TPY	2017 TPD	2017 sum-mer TPD	Source
MGM Grand/New York New York	Turbine	825	E	20100201	25	0.850	0.0023	0.0023	2016 v.1
MGM Grand/New York New York	Generator	825	B	20300101	25	0.550	0.0015	0.0015	2016 v.1
MGM Grand/New York New York	Paint booth	825	C	40201101	25	1.690	0.0046	0.0046	2016 v.1
MGM Grand/New York New York	Tank	825	D	40600401	25	1.930	0.0053	0.0053	2016 v.1
Univeral Urethane	Molding machines	859	A	30800802	25	14.370	0.0394	0.0394	2016 v.1
Univeral Urethane	Spray painting booths	859	B	40202201	25	7.880	0.0216	0.0216	2016 v.1
Sunset Station	Boiler	869	A	10300603	25	0.320	0.0009	0.0009	2016 v.1
Sunset Station	Generator	869	B	20300101	25	0.020	0.0001	0.0001	2016 v.1
Yesco	Spray painting booths	974	A	40200101	25	4.820	0.0132	0.0132	2016 v.1
West Rock	Printing Press	1055	A	40500501	25	10.860	0.0298	0.0298	2016 v.1
Republic Services Transfer Station	Boiler	1087	B	10300603	25	0.010	0.0000	0.0000	2016 v.1
Republic Services Transfer Station	Generator	1087	G	20300101	25	0.440	0.0012	0.0012	2016 v.1
Republic Services Transfer Station	Spray painting booths	1087	A10	40201601	25	4.830	0.0132	0.0132	2016 v.1
Republic Services Transfer Station	UST	1087	A11	40600306	25	0.380	0.0010	0.0010	2016 v.1
Las Vegas Color Graphics	Printing Press	1149	A	40500411	25	7.300	0.0200	0.0200	2016 v.1
St Rose Dominican Siena	Boiler	1500	A	10300603	25	0.760	0.0021	0.0021	2016 v.1
St Rose Dominican Siena	Generator	1500	B	20300101	25	0.030	0.0001	0.0001	2016 v.1
Green Valley Ranch Resort	Boiler	1501	A	10300603	25	0.220	0.0006	0.0006	2016 v.1
Green Valley Ranch Resort	Generator	1501	B	20300101	25	0.010	0.0000	0.0000	2016 v.1
Palms Casino Resort	Boiler	1522	A	10300603	25	0.390	0.0011	0.0011	2016 v.1
Palms Casino Resort	Generator	1522	B	20300101	25	0.010	0.0000	0.0000	2016 v.1
Boulder Station Hotel and Casino	Boiler	1524	A	10300603	25	0.150	0.0004	0.0004	2016 v.1
Boulder Station Hotel and Casino	Generator	1524	B	20300101	25	0.030	0.0001	0.0001	2016 v.1
Mountain View Hospital	Boiler	1569	A	10300603	25	0.220	0.0006	0.0006	2016 v.1
Mountain View Hospital	Generator	1569	B	20300101	25	0.030	0.0001	0.0001	2016 v.1

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Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2017 Actual TPY	2017 TPD	2017 summer TPD	Source
Lasfuel Reid Tank Farm	Generator	1589	C	20300101	25	0.020	0.0001	0.0001	2016 v.1
Lasfuel Reid Tank Farm	Thermal Oxidizer	1589	B06	40400153	25	0.000	0.0000	0.0000	2016 v.1
Lasfuel Reid Tank Farm	Tank	1589	A	40400199	25	14.300	0.0392	0.0392	2016 v.1
Lasfuel Reid Tank Farm	Loading Rack	1589	B	40400250	25	0.490	0.0013	0.0013	2016 v.1
Wynn Las Vegas	Boiler	1624	A	10300602	25	1.190	0.0033	0.0033	2016 v.1
Wynn Las Vegas	Generator	1624	C	20100102	25	0.320	0.0009	0.0009	2016 v.1
Wynn Las Vegas	Dry Cleaning	1624	R	40100103	25	0.240	0.0007	0.0007	2016 v.1
Wynn Las Vegas	AST	1624	F	40600306	25	0.070	0.0002	0.0002	2016 v.1
North Las Vegas Airport	Tank	9596	A	40600706	25	1.400	0.0038	0.0038	2016 v.1
Henderson Executive Airport	Tank	9603	A	40600706	25	0.860	0.0024	0.0024	2016 v.1
Brady Linen Services	Boiler	10201	B	10200602	25	0.880	0.0024	0.0024	2016 v.1
Brady Linen Services	Dry Cleaning	10201	M	41000115	25	1.760	0.0048	0.0048	2016 v.1
Brady Linen Services	Dryer	10201	D	41000130	25	0.990	0.0027	0.0027	2016 v.1
Republic Services (Sunrise)	Flare	15033	1	50300601	25	1.190	0.0033	0.0033	default value
CPP Acquisition	Dryer	15193	D	40500101	25	0.670	0.0018	0.0018	2016 v.1
CPP Acquisition	Printer	15193	P	40500401	25	20.490	0.0561	0.0561	2016 v.1
Reid Rent a Car Center	Boiler	15409	A	10300603	25	0.010	0.0000	0.0000	2016 v.1
Reid Rent a Car Center	Tank	15409	T	40600306	25	8.390	0.0230	0.0230	2016 v.1
Metl Span	Panel manufacturing	15422	A01	30800802	25	2.420	0.0066	0.0066	2016 v.1
Metl Span	Panel Coating	15422	A05	30801005	25	2.180	0.0060	0.0060	2016 v.1
Artesian Spas	Frame and skirting process	15426	A06	24010900	25	0.660	0.0018	0.0018	2016 v.1
Artesian Spas	Spray booth with RTO	15426	A01	30800724	25	1.530	0.0042	0.0042	default value
Artesian Spas	Plumbing system installation	15426	A05	30800799	25	4.780	0.0131	0.0131	2016 v.1
Red Rock Casino Resort	Boiler	15487	A	10300602	25	0.490	0.0013	0.0013	default value
Red Rock Casino Resort	Generator	15487	B	20300101	25	0.030	0.0001	0.0001	default value
South Point Hotel and Casino	Boiler	15515	A	10300602	25	0.530	0.0015	0.0015	2016 v.1
South Point Hotel and Casino	Generator	15515	B	20300101	25	0.030	0.0001	0.0001	2016 v.1
World Market Center	Boiler	15541	A	10300602	25	0.020	0.0001	0.0001	2016 v.1

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Pro-portion (%)	2017 Ac-tual TPY	2017 TPD	2017 sum-mer TPD	Source
World Market Center	Generator	15541	B	20300101	25	0.060	0.0002	0.0002	default value
CDW Logistics	Generator	15634	A	20300101	25	0.040	0.0001	0.0001	default value
Manheim Nevada	Generator	15839	C	20100102	25	0.020	0.0001	0.0001	default value
Manheim Nevada	Heater	15839	B	40201001	25	0.280	0.0008	0.0008	default value
Manheim Nevada	Paint booth	15839	A	40201601	25	4.430	0.0121	0.0121	default value
Manheim Nevada	AST	15839	D	40600401	25	0.990	0.0027	0.0027	default value
City of Henderson Downtown	Boiler	15847	B	10300603	25	0.230	0.0006	0.0006	2016 v.1
City of Henderson Downtown	Generator	15847	G	20300101	25	0.030	0.0001	0.0001	default value
Centennial Hills Hospital	Boiler	15873	A	10300602	25	0.320	0.0009	0.0009	default value
Centennial Hills Hospital	Generator	15873	C	20300101	25	0.020	0.0001	0.0001	default value
Plasticard Locktech	Heater	15876	B	10300603	25	0.100	0.0003	0.0003	default value
Plasticard Locktech	Press	15876	A	40202201	25	10.640	0.0292	0.0292	default value
Veterans Administration	Boiler	15970	A	10300602	25	0.130	0.0004	0.0004	2016 v.1
Veterans Administration	Generator	15970	B	20300101	25	0.740	0.0020	0.0020	2016 v.1
2755 Las Vegas	Boiler	15999	A	10300602	25	0.000	0.0000	0.0000	2016 v.1
2755 Las Vegas	Generator	15999	B	20300101	25	0.030	0.0001	0.0001	2016 v.1
Cosmopolitan Las Vegas	Boiler	16101	A	10300602	25	0.900	0.0025	0.0025	2016 v.1
Cosmopolitan Las Vegas	Generator	16101	B	20300101	25	0.010	0.0000	0.0000	2016 v.1
Biodiesel of Las Vegas	Fire Pump	16118	C01	20200102	25	0.040	0.0001	0.0001	default value
Ritchie Brothers	Paint booth	16172	A01	40201601	25	0.960	0.0026	0.0026	default value
Switch	Generator	16258	B	20300101	25	0.130	0.0004	0.0004	2016 v.1
Beltway Complex	Generator	16290	A	20300101	25	0.040	0.0001	0.0001	2016 v.1
Beltway Complex	AST	16290	A14	40600306	25	0.290	0.0008	0.0008	2016 v.1
Erickson International	RTO	16295	B	30190013	25	0.020	0.0001	0.0001	default value
Erickson International	Dryer	16295	C	40200101	25	0.020	0.0001	0.0001	2016 v.1
Erickson International	Laminator	16295	A	40200701	25	1.970	0.0054	0.0054	2016 v.1
GE Transport	Parts Washer	16300	A	40201501	25	1.040	0.0028	0.0028	default value
Switch Communications	Generator	16304	A	20022102	25	0.510	0.0014	0.0014	2016 v.1
Pro Terminal Operators	Loading Rack	16376	A07	40400150	25	15.390	0.0422	0.0422	2016 v.1
Pro Terminal Operators	Tanks	16376	A	40400178	25	12.180	0.0334	0.0334	2016 v.1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Pro-portion (%)	2017 Ac-tual TPY	2017 TPD	2017 sum-mer TPD	Source
Treasure Island	Boiler	16452	A	10300603	25	0.630	0.0017	0.0017	2016 v.1
Treasure Island	Spray booth	16452	C01	40200102	25	0.290	0.0008	0.0008	2016 v.1
Clark County Downtown Campus	Boiler	16665	A	10300603	25	0.710	0.0019	0.0019	default value
Clark County Downtown Campus	Generator	16665	B	20300101	25	0.110	0.0003	0.0003	default value
CTC Crushing	Generator	16673	B	20300101	25	0.610	0.0017	0.0017	default value
Freeman	Generator	16684	B	20300101	25	0.010	0.0000	0.0000	default value
Freeman	Spray booth	16684	D	40200102	25	0.660	0.0018	0.0018	default value
Terra Firma Organics	Generator	16706	B	20300101	25	0.160	0.0004	0.0004	default value
Resorts World	Boiler	16925	B	10300602	25	0.000	0.0000	0.0000	default value
Resorts World	Generator	16925	A	20300101	25	0.000	0.0000	0.0000	default value
Preferred Laminations	Surface Coating	17220	A	40202501	25	4.410	0.0121	0.0121	default value
Viawest Lone Mountain Data Center	Generator	17272	A	20300101	25	0.030	0.0001	0.0001	default value
Blue Diamond Hill Gypsum	Engines	17286	C	20300101	25	4.280	0.0117	0.0117	2016 v.1
Shelby American	Spray booth	17347	A	40201606	25	1.540	0.0042	0.0042	2016 v.1
Shelby American	AST	17347	B01	40600306	25	0.130	0.0004	0.0004	2016 v.1
NBC Fourth Realty	Generator	17439	A	20301001	25	0.160	0.0004	0.0004	default value
Wells Cargo Lone Mountain	Engines	17749	B	20300101	25	0.170	0.0005	0.0005	2016 v.1
Wells Cargo Lone Mountain	Blasting	17749	C02	30504001	25	0.000	0.0000	0.0000	2016 v.1
Progress Rail	Parts Washer	17918	A01	10300603	25	0.000	0.0000	0.0000	2016 v.1
Total						447.03	1.22	1.25	

Table B4. HA 212 unit-level point source VOC emissions for 2023 and 2026.

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Certain Teed Gypsum	Generator	4	B8	20200401	25	0.0100	0.0000	0.0000	0.0095	0.0000	0.0000	-0.0155	2022v1
Certain Teed Gypsum	Generator	4	4-L4	20200401	25	0.1100	0.0003	0.0003	0.1049	0.0003	0.0003	-0.0155	2022v1
Certain Teed Gypsum	Grinder	4	4-F1	30501502	25	4.5100	0.0124	0.0124	4.3703	0.0120	0.0120	-0.0103	2022v1
Certain Teed Gypsum	Continuous Calciner	4	4-G1	30501511	25	0.0100	0.0000	0.0000	0.0098	0.0000	0.0000	-0.0070	2022v1
Certain Teed Gypsum	Impact Mill	4	4-E11	30501513	25	0.5600	0.0015	0.0015	0.5409	0.0015	0.0015	-0.0113	2022v1
Certain Teed Gypsum	Dryer	4	4-J3	30501520	25	2.1600	0.0059	0.0059	2.0865	0.0057	0.0057	-0.0113	2022v1
NV Energy (Clark Station)	Turbine	7	27	20100201	27	0.1900	0.0005	0.0006	0.1909	0.0005	0.0006	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	35	20100201	27	0.1600	0.0004	0.0005	0.1607	0.0004	0.0005	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	38	20100201	27	0.1000	0.0003	0.0003	0.1005	0.0003	0.0003	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	37	20100201	27	0.1700	0.0005	0.0005	0.1708	0.0005	0.0005	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	33	20100201	27	0.3400	0.0009	0.0010	0.3415	0.0009	0.0010	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	29	20100201	27	0.1400	0.0004	0.0004	0.1406	0.0004	0.0004	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	36	20100201	27	0.1300	0.0004	0.0004	0.1306	0.0004	0.0004	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	31	20100201	27	0.3900	0.0011	0.0012	0.3918	0.0011	0.0012	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	28	20100201	27	0.1400	0.0004	0.0004	0.1406	0.0004	0.0004	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	32	20100201	27	0.3600	0.0010	0.0011	0.3616	0.0010	0.0011	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	34	20100201	27	0.3200	0.0009	0.0009	0.3215	0.0009	0.0010	0.0015	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
NV Energy (Clark Station)	Turbine	7	4	20100201	27	2.1000	0.0058	0.0062	2.1095	0.0058	0.0062	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	30	20100201	27	0.1500	0.0004	0.0004	0.1507	0.0004	0.0004	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	7	20100201	27	1.6500	0.0045	0.0049	1.6575	0.0045	0.0049	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	5	20100201	27	2.4800	0.0068	0.0073	2.4913	0.0068	0.0074	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	8	20100201	27	3.8600	0.0106	0.0114	3.8775	0.0106	0.0115	0.0015	2022v1
NV Energy (Clark Station)	Turbine	7	6	20100201	27	3.8400	0.0105	0.0114	3.8575	0.0106	0.0114	0.0015	2022v1
NV Energy (Clark Station)	Generator	7	21	20200102	27	0.0100	0.0000	0.0000	0.0096	0.0000	0.0000	-0.0118	2022v1
NV Energy (Clark Station)	Generator	7	45	20200102	27	0.0100	0.0000	0.0000	0.0096	0.0000	0.0000	-0.0118	2022v1
Olin Chlor Alkali Products	Generator	9	1	20200102	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0118	2022v1
Wells Cargo	Asphalt Oil Heater	12	2	30500206	25	0.0300	0.0001	0.0001	0.0318	0.0001	0.0001	0.0200	2022v1
Wells Cargo	Drum Mixer	12	1	30500257	25	4.5900	0.0126	0.0126	4.8654	0.0133	0.0133	0.0200	2022v1
Wells Cargo	Fugitives	12	3	30500298	25	3.8300	0.0105	0.0105	4.0598	0.0111	0.0111	0.0200	2022v1
Kinder Morgan	Diesel Pump	13	D02	20200102	25	0.0100	0.0000	0.0000	0.0096	0.0000	0.0000	-0.0118	2022v1
Kinder Morgan	Flare Processing	13	B10	30600904	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0179	2022v1
Kinder Morgan	Thermal Oxidizer	13	SR04	50410312	25	97.9900	0.2685	0.2685	103.8694	0.2846	0.2846	0.0200	2022v1
Titanium Metals Corp.	CO Burner/Boiler	19	B06	10201402	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Titanium Metals Corp.	Hot Oil Heater	19	C05	30301201	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Titanium Metals Corp.	Fugitives	19	A01	30301299	25	1.1500	0.0032	0.0032	1.1480	0.0031	0.0031	-0.0006	2022v1
Circus Circus Hotel and Casino	Boiler	47	1	10300603	25	0.5600	0.0015	0.0015	0.5546	0.0015	0.0015	-0.0032	2022v1
CCWRD Flamingo Center	Boiler	54	1	10300603	25	3.5800	0.0098	0.0098	3.5456	0.0097	0.0097	-0.0032	2022v1
BKEP Materials	Boiler	67	1	10300603	25	1.6500	0.0045	0.0045	1.6342	0.0045	0.0045	-0.0032	2022v1
Las Vegas Paving - Blue Diamond	Drum Mixer	70	B12	30500257	25	10.3800	0.0284	0.0284	11.0028	0.0301	0.0301	0.0200	2022v1
Golden Nugget Hotel and Casino	Boiler	81	1	10300603	25	0.0900	0.0002	0.0002	0.0891	0.0002	0.0002	-0.0032	2022v1
Horseshoe Club	Boiler	85	1	10300603	25	0.9700	0.0027	0.0027	0.9607	0.0026	0.0026	-0.0032	2022v1
Tronox	Boiler	95	A07	10300602	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0109	2022v1
Tronox	Boiler	95	A05	10300602	25	2.2600	0.0062	0.0062	2.3342	0.0064	0.0064	0.0109	2022v1
Tronox	Generator	95	A01	20300101	25	0.0100	0.0000	0.0000	0.0099	0.0000	0.0000	-0.0035	2022v1
Tronox	Generator	95	A02	20300101	25	0.0100	0.0000	0.0000	0.0099	0.0000	0.0000	-0.0035	2022v1
Tronox	Generator	95	A03	20300101	25	0.0100	0.0000	0.0000	0.0099	0.0000	0.0000	-0.0035	2022v1
Tronox	Generator	95	A04	20300101	25	0.0200	0.0001	0.0001	0.0198	0.0001	0.0001	-0.0035	2022v1
Tronox	Chem. Manufacturing	95	A15	30107002	25	0.0300	0.0001	0.0001	0.0292	0.0001	0.0001	-0.0085	2022v1
Tronox	Chem. Manufacturing	95	A10	30107002	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0085	2022v1
Las Vegas Convention and Visitor Authority	Boiler	100	A	10300602	25	0.2700	0.0007	0.0007	0.2789	0.0008	0.0008	0.0109	2022v1

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Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Las Vegas Convention and Visitor Authority	Generator	100	B	20300101	25	0.0400	0.0001	0.0001	0.0396	0.0001	0.0001	-0.0035	2022v1
Las Vegas Convention and Visitor Authority	Aboveground Storage Tank	100	E01	40688801	25	0.0100	0.0000	0.0000	0.0104	0.0000	0.0000	0.0119	2022v1
Westgate Las Vegas	Boiler	101	B	10300603	25	0.6000	0.0016	0.0016	0.5942	0.0016	0.0016	-0.0032	2022v1
Westgate Las Vegas	Generator	101	G	20100102	25	0.0100	0.0000	0.0000	0.0095	0.0000	0.0000	-0.0183	2022v1
Las Vegas Paving - 5th Street	Fire Pump	104	E02	20200102	25	1.0600	0.0029	0.0029	1.0225	0.0028	0.0028	-0.0118	2022v1
Las Vegas Paving - 5th Street	Drum Mixer	104	E01	30500205	25	7.2700	0.0199	0.0199	7.4011	0.0203	0.0203	0.0060	2022v1
Las Vegas Paving - 5th Street	Oil Heater	104	H01	30500206	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0200	2022v1
Las Vegas Paving - 5th Street	Asphalt Silos	104	B19	30500213	25	2.9600	0.0081	0.0081	3.1001	0.0085	0.0085	0.0158	2022v1
Las Vegas Paving - 5th Street	Truck Loadout	104	B17	30500214	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0196	2022v1
Las Vegas Paving - 5th Street	Drum Dryer	104	E03	39001089	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Las Vegas Paving - 5th Street	UST	104	G01	40600706	25	0.7100	0.0019	0.0019	0.7049	0.0019	0.0019	-0.0024	2022v1
Las Vegas Paving - Lone Mountain	Generator	105	C	20200102	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0118	2022v1
Las Vegas Paving - Lone Mountain	Drum Dryer	105	B012	30500205	25	0.0200	0.0001	0.0001	0.0204	0.0001	0.0001	0.0060	2022v1
Las Vegas Paving - Lone Mountain	Oil Heater	105	B011	30500209	25	5.3000	0.0145	0.0145	5.2395	0.0144	0.0144	-0.0038	2022v1
Las Vegas Paving - Lone Mountain	Asphalt Silos	105	B013	30500213	25	0.0900	0.0002	0.0002	0.0943	0.0003	0.0003	0.0158	2022v1
Reid International Airport	Boiler	108	A	10300602	25	1.1000	0.0030	0.0030	1.1361	0.0031	0.0031	0.0109	2022v1

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Reid International Airport	Generator	108	E	20200102	25	0.0500	0.0001	0.0001	0.0482	0.0001	0.0001	-0.0118	2022v1
Reid International Airport	Paint Booth	108	S01	40201101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.1295	2022v1
Reid International Airport	AST	108	W01	40600401	25	0.3500	0.0010	0.0010	0.3499	0.0010	0.0010	-0.0001	2022v1
Brady Linen Services	Boiler	112	A	10300602	25	0.4300	0.0012	0.0012	0.4441	0.0012	0.0012	0.0109	2022v1
Brady Linen Services	Dryer	112	C	10300603	25	0.3500	0.0010	0.0010	0.3466	0.0009	0.0009	-0.0032	2022v1
Nellis AFB	Nat gas boilers	114	RB-C	10300602	25	0.2990	0.0008	0.0008	0.3088	0.0008	0.0008	0.0109	2022v1
Nellis AFB	Internal Combustion	114	G	20300301	25	0.1710	0.0005	0.0005	0.1702	0.0005	0.0005	-0.0016	2022v1
Nellis AFB	Hush House	114	N	20400110	25	0.2260	0.0006	0.0006	0.2189	0.0006	0.0006	-0.0105	2022v1
Nellis AFB	Misc Chemicals	114	O	24600000	25	4.3120	0.0118	0.0118	4.3120	0.0118	0.0118	0.0000	2022v1
Nellis AFB	Drum Mixer	114	A047	30500205	25	0.7250	0.0020	0.0020	0.7381	0.0020	0.0020	0.0060	2022v1
Nellis AFB	Degreasers	114	M	40100336	25	0.1170	0.0003	0.0003	0.1184	0.0003	0.0003	0.0040	2022v1
Nellis AFB	Surface coating	114	D	40202501	25	0.6890	0.0019	0.0019	0.7303	0.0020	0.0020	0.0200	2022v1
Nellis AFB	Fuel dispensing	114	J	40688801	25	0.7720	0.0021	0.0021	0.7995	0.0022	0.0022	0.0119	2022v1
SA Recycling	Shredding	117	A01	50410513	25	11.7500	0.0322	0.0322	11.7500	0.0322	0.0322	0.0000	2022v1
Rebel Oil Diesel	Tank, Internal Floating Roof	129	A01-A04	40400260	25	0.3400	0.0009	0.0009	0.3364	0.0009	0.0009	-0.0036	2022v1
Rebel Oil Diesel	Loading Racks	129	A06/A17	40400250	25	6.5900	0.0181	0.0181	6.6247	0.0181	0.0181	0.0018	2022v1
Rebel Oil Diesel	Aboveground Storage Tank	129	Various	40400121	25	0.0700	0.0002	0.0002	0.0659	0.0002	0.0002	-0.0197	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Rebel Oil Diesel	Transmix Loading to Tanker Trucks	129	B07	40400154	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0106	2022v1
Rebel Oil Diesel	Emergency Fire Pump	129	B05	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Rebel Oil Diesel	Vapor Combustion Unit	129	C01	50410530	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0061	2022v1
SLS Las Vegas	Boiler	133	A	10300602	25	0.2800	0.0008	0.0008	0.2892	0.0008	0.0008	0.0109	2022v1
SLS Las Vegas	Generator	133	B	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
University Medical Center	Boiler	142	A	10300603	25	0.3900	0.0011	0.0011	0.3863	0.0011	0.0011	-0.0032	2022v1
University Medical Center	Generator	142	B	20300101	25	0.1000	0.0003	0.0003	0.0990	0.0003	0.0003	-0.0035	2022v1
Las Vegas Paving	Drum Mixer	186	B013	30500205	25	8.6000	0.0236	0.0236	8.7551	0.0240	0.0240	0.0060	2022v1
Las Vegas Paving	Oil Heater	186	B023	30500208	25	0.0100	0.0000	0.0000	0.0103	0.0000	0.0000	0.0094	2022v1
Las Vegas Paving	Waste Silo	186	B017	30500213	25	0.1300	0.0004	0.0004	0.1362	0.0004	0.0004	0.0158	2022v1
Las Vegas Paving	Truck Loadout	186	B020	30500214	25	0.8100	0.0022	0.0022	0.8576	0.0023	0.0023	0.0196	2022v1
Caesars Consolidated	Boiler	257	1	10300603	25	5.9600	0.0163	0.0163	5.9028	0.0162	0.0162	-0.0032	2022v1
Mirage/Treasure Island	Boiler	282	1	10300603	25	0.9700	0.0027	0.0027	0.9607	0.0026	0.0026	-0.0032	2022v1
Brady Linen Services	Dryer	322	1	30504033	25	1.4800	0.0041	0.0041	1.5688	0.0043	0.0043	0.0200	2022v1
Catalina Plastic and Coating	Plastics	323	1	40201399	25	5.7400	0.0157	0.0157	5.7957	0.0159	0.0159	0.0032	2022v1
Las Vegas Co-generation	Generator	329	10	20100102	51	0.0100	0.0000	0.0001	0.0095	0.0000	0.0001	-0.0183	2022v1
Las Vegas Co-generation	Generator	329	11	20100102	51	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0183	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Las Vegas Co-generation	Turbine	329	1	20100201	51	0.6200	0.0017	0.0035	0.6228	0.0017	0.0035	0.0015	2022v1
Las Vegas Co-generation	Turbine	329	3	20100201	51	2.5200	0.0069	0.0141	2.5315	0.0069	0.0141	0.0015	2022v1
Las Vegas Co-generation	Turbine	329	5	20100201	51	2.2400	0.0061	0.0125	2.2502	0.0062	0.0126	0.0015	2022v1
Las Vegas Co-generation	Turbine	329	6	20100201	51	2.3200	0.0064	0.0130	2.3305	0.0064	0.0130	0.0015	2022v1
Las Vegas Co-generation	Turbine	329	4	20100201	51	2.4400	0.0067	0.0136	2.4511	0.0067	0.0137	0.0015	2022v1
Boral Roofing	Curing Tunnel	346	B18	30500850	25	0.0900	0.0002	0.0002	0.0861	0.0002	0.0002	-0.0146	2022v1
Boral Roofing	Surface coating	346	AB	40299995	25	4.3500	0.0119	0.0119	4.3500	0.0119	0.0119	0.0000	2022v1
Aggregate Industries	Boiler	372	10	10300602	25	2.4600	0.0067	0.0067	2.5408	0.0070	0.0070	0.0109	2022v1
Aggregate Industries	Generator	372	1	20100102	25	2.6000	0.0071	0.0071	2.4574	0.0067	0.0067	-0.0183	2022v1
Aggregate Industries	Mineral Products	372	4	30500208	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0094	2022v1
Aggregate Industries	Mineral Products	372	5	30500208	25	0.0100	0.0000	0.0000	0.0103	0.0000	0.0000	0.0094	2022v1
Aggregate Industries	Mineral Products	372	2	30500208	25	0.0300	0.0001	0.0001	0.0308	0.0001	0.0001	0.0094	2022v1
Aggregate Industries	Mineral Products	372	3	30500242	25	0.0300	0.0001	0.0001	0.0318	0.0001	0.0001	0.0200	2022v1
Aggregate Industries	Mineral Products	372	13	30502599	25	0.0100	0.0000	0.0000	0.0103	0.0000	0.0000	0.0094	2022v1
Saguaro Power Company	Boiler	393	5	10100601	27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.1948	2022v1
Saguaro Power Company	Boiler	393	6	10100602	27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0192	2022v1
Saguaro Power Company	Starter	393	3	20100102	27	0.0040	0.0000	0.0000	0.0038	0.0000	0.0000	-0.0183	2022v1

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Saguaro Power Company	Starter	393	4	20100102	27	0.0080	0.0000	0.0000	0.0076	0.0000	0.0000	-0.0183	2022v1
Saguaro Power Company	Generator	393	7	20100102	27	0.4900	0.0013	0.0014	0.4631	0.0013	0.0014	-0.0183	2022v1
Saguaro Power Company	Turbine	393	1	20100201	27	1.1000	0.0030	0.0033	1.1050	0.0030	0.0033	0.0015	2022v1
Saguaro Power Company	Turbine	393	2	20100201	27	1.0700	0.0029	0.0032	1.0749	0.0029	0.0032	0.0015	2022v1
City of Las Vegas WPCF	Generator	402	2	20200102	25	0.0500	0.0001	0.0001	0.0482	0.0001	0.0001	-0.0118	2022v1
City of Las Vegas WPCF	Generator	402	3	20200202	25	0.0100	0.0000	0.0000	0.0096	0.0000	0.0000	-0.0149	2022v1
City of Las Vegas WPCF	Waste Flare	402	5	50100789	25	0.3600	0.0010	0.0010	0.3816	0.0010	0.0010	0.0200	2022v1
City of Las Vegas WPCF	Boilers	402	8	50100799	25	0.6800	0.0019	0.0019	0.7208	0.0020	0.0020	0.0200	2022v1
City of Las Vegas WPCF	Boilers	402	7	50100799	25	0.1800	0.0005	0.0005	0.1908	0.0005	0.0005	0.0200	2022v1
City of Las Vegas WPCF	Blower Engines	402	6	50100799	25	0.2700	0.0007	0.0007	0.2862	0.0008	0.0008	0.0200	2022v1
Nikkiso Cryo	Generator	404	1	20200102	25	0.4000	0.0011	0.0011	0.3858	0.0011	0.0011	-0.0118	2022v1
Jensen Enterprises Inc.	Solvents	408	BRU32	30800720	25	39.4300	0.1080	0.1080	38.4136	0.1052	0.1052	-0.0086	2022v1
Nevada Sun Peak Partnerships	Turbine	423	3	20100201	37	0.1400	0.0004	0.0006	0.1406	0.0004	0.0006	0.0015	2022v1
Nevada Sun Peak Partnerships	Turbine	423	2	20100201	37	0.1500	0.0004	0.0006	0.1507	0.0004	0.0006	0.0015	2022v1
Nevada Sun Peak Partnerships	Turbine	423	1	20100201	37	0.1800	0.0005	0.0007	0.1808	0.0005	0.0007	0.0015	2022v1
Hard Rock Hotel and Casino	Boiler	510	A	10300603	25	0.5200	0.0014	0.0014	0.5150	0.0014	0.0014	-0.0032	2022v1
Hard Rock Hotel and Casino	Generator	510	B	20300101	25	0.0500	0.0001	0.0001	0.0495	0.0001	0.0001	-0.0035	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Citibank The Lakes	Generator	546	A	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Rio All Suites Hotel and Casino	Boiler	555	A	10300603	25	1.9400	0.0053	0.0053	1.9214	0.0053	0.0053	-0.0032	2022v1
Rio All Suites Hotel and Casino	Generator	555	C	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Kurt Segler Water Reclamation	Generator	558	B	20200102	25	0.0200	0.0001	0.0001	0.0193	0.0001	0.0001	-0.0118	2022v1
Kurt Segler Water Reclamation	Waste water treatment	558	B01	50100765	25	0.0900	0.0002	0.0002	0.0900	0.0002	0.0002	0.0000	2022v1
Stratosphere Hotel and Casino	Boiler	564	A	10300603	25	0.2800	0.0008	0.0008	0.2773	0.0008	0.0008	-0.0032	2022v1
Stratosphere Hotel and Casino	Generator	564	B	20300101	25	0.0600	0.0002	0.0002	0.0594	0.0002	0.0002	-0.0035	2022v1
Aggregate Industries - Gowan	Drum Mixer	587	A08	30500205	25	3.0900	0.0085	0.0085	3.1457	0.0086	0.0086	0.0060	2022v1
Aggregate Industries - Gowan	Asphalt Oil Heater	587	E	30500208	25	0.0600	0.0002	0.0002	0.0617	0.0002	0.0002	0.0094	2022v1
Aggregate Industries - Gowan	Asphalt Silos	587	A12	30500212	25	1.7700	0.0048	0.0048	1.7702	0.0048	0.0048	0.0000	2022v1
Las Vegas Review Journal	Generator	588	D	20300101	25	0.0100	0.0000	0.0000	0.0099	0.0000	0.0000	-0.0035	2022v1
Las Vegas Review Journal	Parts Washer	588	B	40500417	25	2.2100	0.0061	0.0061	2.2100	0.0061	0.0061	0.0000	2022v1
Berry Plastics Corporation	Generator	597	F01	20300101	25	0.0200	0.0001	0.0001	0.0198	0.0001	0.0001	-0.0035	2022v1
Berry Plastics Corporation	Offset Printing	597	E01	40500802	25	6.7000	0.0184	0.0184	6.7000	0.0184	0.0184	0.0000	2022v1
Palace Station Hotel and Casino	Boiler	605	A	10300603	25	0.2300	0.0006	0.0006	0.2278	0.0006	0.0006	-0.0032	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Palace Station Hotel and Casino	Generator	605	B	20300101	25	0.0200	0.0001	0.0001	0.0198	0.0001	0.0001	-0.0035	2022v1
Gold Coast Hotel and Casino	Boiler	606	A	10300603	25	0.2200	0.0006	0.0006	0.2179	0.0006	0.0006	-0.0032	2022v1
Gold Coast Hotel and Casino	Generator	606	B	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Sams Town Hotel and Casino	Boiler	616	A	10300603	25	0.1700	0.0005	0.0005	0.1684	0.0005	0.0005	-0.0032	2022v1
Sams Town Hotel and Casino	Generator	616	B	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Santa Fe Station	Boiler	621	A	10300603	25	0.4300	0.0012	0.0012	0.4259	0.0012	0.0012	-0.0032	2022v1
Santa Fe Station	Generator	621	B	20300101	25	0.0200	0.0001	0.0001	0.0198	0.0001	0.0001	-0.0035	2022v1
University of Nevada, Las Vegas	Boiler	634	A	10300603	25	0.8200	0.0022	0.0022	0.8121	0.0022	0.0022	-0.0032	2022v1
University of Nevada, Las Vegas	Generator	634	B	20300101	25	0.1100	0.0003	0.0003	0.1088	0.0003	0.0003	-0.0035	2022v1
Orleans Hotel and Casino	Boiler	641	A	10300603	25	0.7100	0.0019	0.0019	0.7032	0.0019	0.0019	-0.0032	2022v1
Orleans Hotel and Casino	Generator	641	B	20300101	25	0.0100	0.0000	0.0000	0.0099	0.0000	0.0000	-0.0035	2022v1
Venetian Hotel and Casino	Boiler	697	B	10300603	25	2.5200	0.0069	0.0069	2.4958	0.0068	0.0068	-0.0032	2022v1
Venetian Hotel and Casino	Generator	697	C	20300101	25	1.3100	0.0036	0.0036	1.2963	0.0036	0.0036	-0.0035	2022v1
Verizon Business	Generator	726	A	20300101	25	0.0100	0.0000	0.0000	0.0099	0.0000	0.0000	-0.0035	2022v1
Nevada Color Litho	Printing Press	754	A05	40500433	25	7.9800	0.0219	0.0219	7.9800	0.0219	0.0219	0.0000	2022v1
JW Marriott Las Vegas	Boiler	755	A	10300603	25	0.5100	0.0014	0.0014	0.5051	0.0014	0.0014	-0.0032	2022v1
JW Marriott Las Vegas	Generator	755	B	20300101	25	0.0200	0.0001	0.0001	0.0198	0.0001	0.0001	-0.0035	2022v1

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Suncoast Hotel and Casino	Boiler	775	A	10300603	25	0.2200	0.0006	0.0006	0.2179	0.0006	0.0006	-0.0032	2022v1
Suncoast Hotel and Casino	Generator	775	B	20300101	25	0.0200	0.0001	0.0001	0.0198	0.0001	0.0001	-0.0035	2022v1
Flexential Colorado Corp	Generator	777	A	20300101	25	0.1500	0.0004	0.0004	0.1484	0.0004	0.0004	-0.0035	2022v1
Cancun Resort	Boiler	788	A	10300603	25	0.1900	0.0005	0.0005	0.1882	0.0005	0.0005	-0.0032	2022v1
Cancun Resort	Generator	788	B	20300101	25	0.0200	0.0001	0.0001	0.0198	0.0001	0.0001	-0.0035	2022v1
Clearwater Paper	Boiler	807	A10	10200602	25	0.9600	0.0026	0.0026	0.9578	0.0026	0.0026	-0.0007	2022v1
Clearwater Paper	Air heaters	807	A08	30790003	25	3.4600	0.0095	0.0095	3.4600	0.0095	0.0095	0.0000	2022v1
Clearwater Paper	Paper process fugitives	807	F	30799998	25	22.2200	0.0609	0.0609	20.8868	0.0572	0.0572	-0.0200	2022v1
MGM Grand/New York New York	Boiler	825	A	10300603	25	2.9800	0.0082	0.0082	2.9514	0.0081	0.0081	-0.0032	2022v1
MGM Grand/New York New York	Turbine	825	E	20100201	25	6.2100	0.0170	0.0170	6.2382	0.0171	0.0171	0.0015	2022v1
MGM Grand/New York New York	Generator	825	B	20300101	25	0.1000	0.0003	0.0003	0.0990	0.0003	0.0003	-0.0035	2022v1
MGM Grand/New York New York	Paint booth	825	C	40201101	25	1.5400	0.0042	0.0042	0.9419	0.0026	0.0026	-0.1295	2022v1
MGM Grand/New York New York	Tank	825	D	40600401	25	0.1600	0.0004	0.0004	0.1600	0.0004	0.0004	-0.0001	2022v1
Las Vegas Valley Water District	Generator	836	A	20300101	25	0.0200	0.0001	0.0001	0.0198	0.0001	0.0001	-0.0035	2022v1
Las Vegas Valley Water District	Spray Booth	836	B	40201601	25	0.3900	0.0011	0.0011	0.3768	0.0010	0.0010	-0.0113	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Las Vegas Valley Water District	Boiler	836	D	10300603	25	0.0300	0.0001	0.0001	0.0297	0.0001	0.0001	-0.0032	2022v1
Las Vegas Valley Water District	UST	836	F	40600306	25	0.5700	0.0016	0.0016	0.5706	0.0016	0.0016	0.0004	2022v1
Las Vegas Valley Water District	Air Compressor	836	G04	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Universal Urethane	Molding machines	859	A	30800802	25	7.4600	0.0204	0.0204	7.2551	0.0199	0.0199	-0.0092	2022v1
Universal Urethane	Spray painting booths	859	B	40202201	25	8.2800	0.0227	0.0227	8.0027	0.0219	0.0219	-0.0112	2022v1
Sunset Station	Boiler	869	A	10300603	25	0.3000	0.0008	0.0008	0.2971	0.0008	0.0008	-0.0032	2022v1
Sunset Station	Generator	869	B	20300101	25	0.0100	0.0000	0.0000	0.0099	0.0000	0.0000	-0.0035	2022v1
H & H Enterprises Times Up Inc.	Lithographic Press	873	A23,A07,A25	40500433	25	3.2000	0.0088	0.0088	3.2000	0.0088	0.0088	0.0000	2022v1
H & H Enterprises Times Up Inc.	Digital Press	873	A14,A15,A24	40500421	25	7.4800	0.0205	0.0205	7.4800	0.0205	0.0205	0.0000	2022v1
H & H Enterprises Times Up Inc.	Latex Printer	873	A17	40500597	25	4.7000	0.0129	0.0129	4.7000	0.0129	0.0129	0.0000	2022v1
Yesco	Spray Booth	974	A01 - 07, A09, B04	40200101	25	1.4600	0.0040	0.0040	1.4634	0.0040	0.0040	0.0008	2022v1
Yesco	Booth Heater	974	A08,A10	10200603	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0112	2022v1
Yesco	Aboveground Storage Tank	974	A14	40600706	25	0.0500	0.0001	0.0001	0.0496	0.0001	0.0001	-0.0024	2022v1
West Rock	Printing Press	1055	A	40500501	25	1.0000	0.0027	0.0027	1.0000	0.0027	0.0027	0.0000	2022v1
Republic Services Transfer Station	Boiler	1087	B	10300603	25	0.0200	0.0001	0.0001	0.0198	0.0001	0.0001	-0.0032	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Republic Services Transfer Station	Generator	1087	G	20300101	25	0.0100	0.0000	0.0000	0.0099	0.0000	0.0000	-0.0035	2022v1
Republic Services Transfer Station	Spray painting booths	1087	A10	40201601	25	5.1200	0.0140	0.0140	4.9462	0.0136	0.0136	-0.0113	2022v1
Republic Services Transfer Station	UST	1087	A11	40600306	25	0.3700	0.0010	0.0010	0.3704	0.0010	0.0010	0.0004	2022v1
Las Vegas Color Graphics	Printing Press	1149	A	40500411	25	5.4400	0.0149	0.0149	5.4400	0.0149	0.0149	0.0000	2022v1
St Rose Dominican Siena	Boiler	1500	A	10300603	25	0.7500	0.0021	0.0021	0.7428	0.0020	0.0020	-0.0032	2022v1
St Rose Dominican Siena	Generator	1500	B	20300101	25	0.0200	0.0001	0.0001	0.0198	0.0001	0.0001	-0.0035	2022v1
Green Valley Ranch Resort	Boiler	1501	A	10300603	25	0.1800	0.0005	0.0005	0.1783	0.0005	0.0005	-0.0032	2022v1
Green Valley Ranch Resort	Generator	1501	B	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Palms Casino Resort	Boiler	1522	A	10300603	25	0.4500	0.0012	0.0012	0.4457	0.0012	0.0012	-0.0032	2022v1
Palms Casino Resort	Generator	1522	B	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Boulder Station Hotel and Casino	Boiler	1524	A	10300603	25	0.2600	0.0007	0.0007	0.2575	0.0007	0.0007	-0.0032	2022v1
Boulder Station Hotel and Casino	Generator	1524	B	20300101	25	0.0300	0.0001	0.0001	0.0297	0.0001	0.0001	-0.0035	2022v1
RR Donnelley	Printing Press	1563	A	40500801	25	6.7200	0.0184	0.0184	6.7200	0.0184	0.0184	0.0000	2022v1
RR Donnelley	Inkjet Printer	1563	A16	40500597	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Mountain View Hospital	Boiler	1569	A	10300603	25	0.2600	0.0007	0.0007	0.2575	0.0007	0.0007	-0.0032	2022v1
Mountain View Hospital	Generator	1569	B	20300101	25	0.0300	0.0001	0.0001	0.0297	0.0001	0.0001	-0.0035	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Sumerlin Hospital	Boiler	1573	A	10300603	25	0.7700	0.0021	0.0021	0.7626	0.0021	0.0021	-0.0032	2022v1
Sumerlin Hospital	Generator	1573	B	20300101	25	0.0300	0.0001	0.0001	0.0297	0.0001	0.0001	-0.0035	2022v1
Lasfuel Reid Tank Farm	Generator	1589	C	20300101	25	0.0100	0.0000	0.0000	0.0099	0.0000	0.0000	-0.0035	2022v1
Lasfuel Reid Tank Farm	Thermal Oxidizer	1589	B06	40400153	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0021	2022v1
Lasfuel Reid Tank Farm	Tank	1589	A	40400199	25	7.3300	0.0201	0.0201	7.3685	0.0202	0.0202	0.0018	2022v1
Lasfuel Reid Tank Farm	Loading Rack	1589	B	40400250	25	0.8800	0.0024	0.0024	0.8846	0.0024	0.0024	0.0018	2022v1
Wynn Las Vegas	Boiler	1624	A	10300602	25	1.9300	0.0053	0.0053	1.9934	0.0055	0.0055	0.0109	2022v1
Wynn Las Vegas	Generator	1624	C	20100102	25	0.1800	0.0005	0.0005	0.1701	0.0005	0.0005	-0.0183	2022v1
Wynn Las Vegas	Dry Cleaning	1624	R	40100103	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Wynn Las Vegas	AST	1624	F	40600306	25	0.0600	0.0002	0.0002	0.0601	0.0002	0.0002	0.0004	2022v1
North Las Vegas Airport	Tank	9596	A	40600706	25	1.7500	0.0048	0.0048	1.7373	0.0048	0.0048	-0.0024	2022v1
Henderson Executive Airport	Tank	9603	A	40600706	25	0.9200	0.0025	0.0025	0.9133	0.0025	0.0025	-0.0024	2022v1
Army & Air Force Exchange Service	Gasoline Dispensing Operations	9023	A	40603306	25	8.3200	0.0228	0.0228	8.3200	0.0228	0.0228	0.0000	2022v1
Brady Linen Services	Boiler	10201	B	10200602	25	0.8800	0.0024	0.0024	0.8780	0.0024	0.0024	-0.0007	2022v1
Brady Linen Services	Dry Cleaning	10201	M	41000115	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0196	2022v1
Brady Linen Services	Dryer	10201	D	41000130	25	1.1100	0.0030	0.0030	1.1706	0.0032	0.0032	0.0182	2022v1
Republic Services (Sunrise)	Flare	15033	1	50300601	25	3.1500	0.0086	0.0086	3.3390	0.0091	0.0091	0.0200	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
T-Mobile USA Inc.	Generator	15265	A	20100102	25	0.1000	0.0003	0.0003	0.0945	0.0003	0.0003	-0.0183	2022v1
Reid Rent a Car Center	Boiler	15409	A	10300603	25	0.0300	0.0001	0.0001	0.0297	0.0001	0.0001	-0.0032	2022v1
Reid Rent a Car Center	Tank	15409	T	40600306	25	7.3800	0.0202	0.0202	7.3878	0.0202	0.0202	0.0004	2022v1
Metl Span	Panel manufacturing	15422	A01	30800802	25	5.5100	0.0151	0.0151	5.3586	0.0147	0.0147	-0.0092	2022v1
Metl Span	Panel Coating	15422	A05	30801005	25	5.1300	0.0141	0.0141	5.1300	0.0141	0.0141	0.0000	2022v1
Artesian Spas	Frame and skirting process	15426	A06	24010900	25	2.7700	0.0076	0.0076	2.7700	0.0076	0.0076	0.0000	2022v1
Artesian Spas	Spray booth with RTO	15426	A01	30800724	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Artesian Spas	Plumbing system installation	15426	A05	30800799	25	5.4600	0.0150	0.0150	5.4405	0.0149	0.0149	-0.0012	2022v1
Red Rock Casino Resort	Boiler	15487	A	10300602	25	0.4600	0.0013	0.0013	0.4751	0.0013	0.0013	0.0109	2022v1
Red Rock Casino Resort	Generator	15487	B	20300101	25	0.0700	0.0002	0.0002	0.0693	0.0002	0.0002	-0.0035	2022v1
South Point Hotel and Casino	Boiler	15515	A	10300602	25	0.5700	0.0016	0.0016	0.5887	0.0016	0.0016	0.0109	2022v1
South Point Hotel and Casino	Generator	15515	B	20300101	25	0.0200	0.0001	0.0001	0.0198	0.0001	0.0001	-0.0035	2022v1
World Market Center	Boiler	15541	A	10300602	25	0.2800	0.0008	0.0008	0.2892	0.0008	0.0008	0.0109	2022v1
World Market Center	Generator	15541	B	20300101	25	0.0300	0.0001	0.0001	0.0297	0.0001	0.0001	-0.0035	2022v1
CDW Logistics	Generator	15634	A	20300101	25	0.0700	0.0002	0.0002	0.0693	0.0002	0.0002	-0.0035	2022v1
Manheim Nevada	Generator	15839	C	20100102	25	0.0100	0.0000	0.0000	0.0095	0.0000	0.0000	-0.0183	2022v1
Manheim Nevada	Heater	15839	B	40201001	25	0.2100	0.0006	0.0006	0.2040	0.0006	0.0006	-0.0096	2022v1

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Manheim Nevada	Paint booth	15839	A	40201601	25	0.8700	0.0024	0.0024	0.8405	0.0023	0.0023	-0.0113	2022v1
Manheim Nevada	AST	15839	D	40600401	25	0.3600	0.0010	0.0010	0.3599	0.0010	0.0010	-0.0001	2022v1
City of Henderson Downtown	Boiler	15847	B	10300603	25	0.1600	0.0004	0.0004	0.1585	0.0004	0.0004	-0.0032	2022v1
City of Henderson Downtown	Generator	15847	G	20300101	25	0.0400	0.0001	0.0001	0.0396	0.0001	0.0001	-0.0035	2022v1
Centennial Hills Hospital	Boiler	15873	A	10300602	25	0.4700	0.0013	0.0013	0.4854	0.0013	0.0013	0.0109	2022v1
Centennial Hills Hospital	Generator	15873	C	20300101	25	0.0100	0.0000	0.0000	0.0099	0.0000	0.0000	-0.0035	2022v1
Plasticard Locktech	Heater	15876	B	10300603	25	0.2200	0.0006	0.0006	0.2179	0.0006	0.0006	-0.0032	2022v1
Plasticard Locktech	Press	15876	A	40202201	25	4.9000	0.0134	0.0134	4.7359	0.0130	0.0130	-0.0112	2022v1
Veterans Administration	Boiler	15970	A	10300602	25	1.0500	0.0029	0.0029	1.0845	0.0030	0.0030	0.0109	2022v1
Veterans Administration	Generator	15970	B	20300101	25	0.0900	0.0002	0.0002	0.0891	0.0002	0.0002	-0.0035	2022v1
2755 Las Vegas	Boiler	15999	A	10300602	25	0.9100	0.0025	0.0025	0.9399	0.0026	0.0026	0.0109	2022v1
2755 Las Vegas	Generator	15999	B	20300101	25	0.0800	0.0002	0.0002	0.0792	0.0002	0.0002	-0.0035	2022v1
Biodiesel of Las Vegas	Fire Pump	16118	C01	20200102	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0118	2022v1
Unev Pipeline Las Vegas Terminal	TANKS	16157	A01-A016	40400172	25	3.2500	0.0089	0.0089	3.1711	0.0087	0.0087	-0.0081	2022v1
Unev Pipeline Las Vegas Terminal	Truck Loading Racks & Fugitives	16157	A10/A17	40400152	25	17.0300	0.0467	0.0467	16.7269	0.0458	0.0458	-0.0059	2022v1
Unev Pipeline Las Vegas Terminal	Pipe, Fitting Losses / Butane Blending Skid	16157	A09/C01	40400151	25	2.7000	0.0074	0.0074	2.6999	0.0074	0.0074	0.0000	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Unev Pipeline Las Vegas Terminal	Generator	16157	B01	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Switch	Generator	16258	B	20300101	25	0.1400	0.0004	0.0004	0.1385	0.0004	0.0004	-0.0035	2022v1
Beltway Complex	Generator	16290	A	20300101	25	0.1100	0.0003	0.0003	0.1088	0.0003	0.0003	-0.0035	2022v1
Beltway Complex	AST	16290	A14	40600306	25	0.3600	0.0010	0.0010	0.3604	0.0010	0.0010	0.0004	2022v1
Erickson International	RTO	16295	B	30190013	25	0.0100	0.0000	0.0000	0.0098	0.0000	0.0000	-0.0063	2022v1
Erickson International	Dryer	16295	C	40200101	25	0.0100	0.0000	0.0000	0.0100	0.0000	0.0000	0.0008	2022v1
Erickson International	Laminator	16295	A	40200701	25	2.2900	0.0063	0.0063	2.2209	0.0061	0.0061	-0.0101	2022v1
GE Transport	Parts Washer	16300	A	40201501	25	3.4200	0.0094	0.0094	3.3682	0.0092	0.0092	-0.0050	2022v1
Switch Communications	Generator	16304	A	20022102	25	0.4900	0.0013	0.0013	0.4900	0.0013	0.0013	0.0000	2022v1
Pro Terminal Operators	Loading Rack	16376	A07	40400150	25	22.1000	0.0605	0.0605	22.2162	0.0609	0.0609	0.0018	2022v1
Pro Terminal Operators	Tanks	16376	A	40400178	25	8.0400	0.0220	0.0220	7.8622	0.0215	0.0215	-0.0074	2022v1
Treasure Island	Boiler	16452	A	10300603	25	0.6300	0.0017	0.0017	0.6240	0.0017	0.0017	-0.0032	2022v1
Treasure Island	Spray booth	16452	C01	40200102	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Monarch Mountain Minerals & Aggregates	Generator	16460	D	20300101	25	1.1100	0.0030	0.0030	1.0984	0.0030	0.0030	-0.0035	2022v1
Clark County Downtown Campus	Boiler	16665	A	10300603	25	0.4890	0.0013	0.0013	0.4843	0.0013	0.0013	-0.0032	2022v1
Clark County Downtown Campus	Generator	16665	B	20300101	25	0.0710	0.0002	0.0002	0.0703	0.0002	0.0002	-0.0035	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
CTC Crushing	Generator	16673	B	20300101	25	0.2700	0.0007	0.0007	0.2672	0.0007	0.0007	-0.0035	2022v1
Freeman	Generator	16684	B	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Freeman	Spray booth	16684	D	40200102	25	0.5100	0.0014	0.0014	0.5100	0.0014	0.0014	0.0000	2022v1
Terra Firma Organics	Generator	16706	B	20300101	25	0.0100	0.0000	0.0000	0.0099	0.0000	0.0000	-0.0035	2022v1
Resorts World	Boiler	16925	B	10300602	25	1.0000	0.0027	0.0027	1.0328	0.0028	0.0028	0.0109	2022v1
Resorts World	Generator	16925	A	20300101	25	0.0300	0.0001	0.0001	0.0297	0.0001	0.0001	-0.0035	2022v1
Preferred Lam-nations	Surface Coat-ing	17220	A	40202501	25	6.1200	0.0168	0.0168	6.4872	0.0178	0.0178	0.0200	2022v1
Viawest Lone Mountain Data Center	Generator	17272	A	20300101	25	2.2200	0.0061	0.0061	2.1967	0.0060	0.0060	-0.0035	2022v1
Blue Diamond Hill Gypsum	Engines	17286	C	20300101	25	6.1900	0.0170	0.0170	6.1251	0.0168	0.0168	-0.0035	2022v1
Flowers Baking Company of Henderson, LLC	Bread Line - Baking Process	17320	A	30203201	25	17.2700	0.0473	0.0473	17.4192	0.0477	0.0477	0.0029	2022v1
Flowers Baking Company of Henderson, LLC	Baking Oven	17320	B	10200602	25	0.3900	0.0011	0.0011	0.3891	0.0011	0.0011	-0.0007	2022v1
Flowers Baking Company of Henderson, LLC	Catalytic Oxidizer	17320	C	30203299	25	0.0500	0.0001	0.0001	0.0505	0.0001	0.0001	0.0035	2022v1
Flowers Baking Company of Henderson, LLC	Boiler	17320	D	10200603	25	0.0200	0.0001	0.0001	0.0193	0.0001	0.0001	-0.0112	2022v1
Shelby American	Spray booth	17347	A	40201606	25	6.6500	0.0182	0.0182	6.4507	0.0177	0.0177	-0.0100	2022v1
Shelby American	AST	17347	B01	40600306	25	0.0500	0.0001	0.0001	0.0501	0.0001	0.0001	0.0004	2022v1
NBC Fourth Re-alty	Generator	17439	A	20301001	25	0.0400	0.0001	0.0001	0.0405	0.0001	0.0001	0.0039	2022v1

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Zcolo Zayo Group	Generator	17648	A	20301001	25	0.0600	0.0002	0.0002	0.0607	0.0002	0.0002	0.0039	2022v1
Wells Cargo Lone Mountain	Engines	17749	B	20300101	25	12.5200	0.0343	0.0343	12.3888	0.0339	0.0339	-0.0035	2022v1
Wells Cargo Lone Mountain	Blasting	17749	C02	30504001	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2022v1
Tryke Companies So NV LLC	Liquid Petroleum Gas Extraction	17770	A02	30299998	25	0.5900	0.0016	0.0016	0.6033	0.0017	0.0017	0.0075	2022v1
Tryke Companies So NV LLC	Ethanol Extraction	17770	A03	30299998	25	1.5200	0.0042	0.0042	1.5544	0.0043	0.0043	0.0075	2022v1
Pro Terminal Operators LLC	Ethanol Transloading	17780	A02	30103311	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0017	2022v1
Pro Terminal Operators LLC	IFR AST	17780	A03-A05	40400178	25	0.4800	0.0013	0.0013	0.4694	0.0013	0.0013	-0.0074	2022v1
Pro Terminal Operators LLC	Loading Rack	17780	A06/A07	40400150	25	2.6500	0.0073	0.0073	2.6639	0.0073	0.0073	0.0018	2022v1
Pro Terminal Operators LLC	Equipment Fugitives	17780	A09	40400151	25	4.3500	0.0119	0.0119	4.3499	0.0119	0.0119	0.0000	2022v1
Pro Terminal Operators LLC	Generator	17780	B	20300101	25	0.0300	0.0001	0.0001	0.0297	0.0001	0.0001	-0.0035	2022v1
Las Vegas Paving Corporation Kapex	Baghouse	17802	A10a/A11	30500205	25	5.6400	0.0155	0.0155	5.7417	0.0157	0.0157	0.0060	2022v1
Las Vegas Paving Corporation Kapex	Truck Loading	17802	A12	30500214	25	0.5300	0.0015	0.0015	0.5611	0.0015	0.0015	0.0196	2022v1
Las Vegas Paving Corporation Kapex	Diesel Oil Heater	17802	A16	30500208	25	0.0200	0.0001	0.0001	0.0206	0.0001	0.0001	0.0094	2022v1
Las Vegas Paving Corporation Kapex	Generator	17802	D	20200102	25	0.1000	0.0003	0.0003	0.0965	0.0003	0.0003	-0.0118	2022v1
Las Vegas Paving Corporation Portable #1	Generator	17855	E06	20200102	25	0.0800	0.0002	0.0002	0.0772	0.0002	0.0002	-0.0118	2022v1
Turano Nevada Baking LLC	Bun oven - Natural Gas	17908	A01/A04	30203201	25	10.6000	0.0290	0.0290	10.6916	0.0293	0.0293	0.0029	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Turano Nevada Baking LLC	Boiler	17908	A02/A03	10300603	25	0.1300	0.0004	0.0004	0.1288	0.0004	0.0004	-0.0032	2022v1
Turano Nevada Baking LLC	Catalytic Oxidizer	17908	D	30203299	25	0.0600	0.0002	0.0002	0.0606	0.0002	0.0002	0.0035	2022v1
Progress Rail	Parts Washer	17918	A01	10300603	25	3.8200	0.0105	0.0105	3.7833	0.0104	0.0104	-0.0032	2022v1
Nevada Ready Mix Corporation	Soil Vapor Extraction Remedial System	17922	A01	50410313	25	15.4100	0.0422	0.0422	15.9889	0.0438	0.0438	0.0125	2022v1
SPEC Aggregates	Generator	17969	E	20200102	25	0.5900	0.0016	0.0016	0.5691	0.0016	0.0016	-0.0118	2022v1
Jasmine Development LLC	Emergency Generator	17982	A	20300101	25	0.2400	0.0007	0.0007	0.2375	0.0007	0.0007	-0.0035	2022v1
Xtreme Manufacturing	Spray Paint Booths	17985	A	40200101	25	7.9000	0.0216	0.0216	7.9185	0.0217	0.0217	0.0008	2022v1
Xtreme Manufacturing	Powder Coating Oven	17985	C02	40201001	25	0.0100	0.0000	0.0000	0.0097	0.0000	0.0000	-0.0096	2022v1
Xtreme Manufacturing	Emergency Fire Water	17985	D01	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Westrock Las Vegas Pre Print	Printing Press	18015	A01	40500312	25	2.1800	0.0060	0.0060	2.1800	0.0060	0.0060	0.0000	2022v1
Las Vegas Stadium	Boiler	18017	A	10300603	25	0.3100	0.0008	0.0008	0.3070	0.0008	0.0008	-0.0032	2022v1
Las Vegas Stadium	Generator	18017	B	20300101	25	0.0600	0.0002	0.0002	0.0594	0.0002	0.0002	-0.0035	2022v1
Switch LTD	Generator	18024	A	20022102	25	0.2600	0.0007	0.0007	0.2600	0.0007	0.0007	0.0000	2022v1
Diamond Solo LLC	Generator	18032	D01	20200102	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0118	2022v1
North Las Vegas LH2 Plant	Steam Methane Reformer	18033	A01	30107101	25	2.3300	0.0064	0.0064	2.2904	0.0063	0.0063	-0.0057	2022v1
North Las Vegas LH2 Plant	Flare	18033	A02	30190023	25	2.0500	0.0056	0.0056	1.9467	0.0053	0.0053	-0.0168	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
North Las Vegas LH2 Plant	Generator	18033	B	20200102	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0118	2022v1
North Las Vegas LH2 Plant	Deaerator Vent	18033	D01	30199999	25	0.0100	0.0000	0.0000	0.0100	0.0000	0.0000	0.0000	2022v1
Amazon Services Inc Las Vegas Facility	Inkjet Printers - Ink	18051	A-C	40500201	25	10.6100	0.0291	0.0291	10.6100	0.0291	0.0291	0.0000	2022v1
Amazon Services Inc Las Vegas Facility	Binding (Glue)	18051	C07	40500597	25	0.2700	0.0007	0.0007	0.2700	0.0007	0.0007	0.0000	2022v1
Amazon Services Inc Las Vegas Facility	Cleanup Stations	18051	D01	40500802	25	1.0700	0.0029	0.0029	1.0700	0.0029	0.0029	0.0000	2022v1
Amazon Services Inc Las Vegas Facility	Emergency Generator	18051	E	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Flexaust INC	Extruder	18086	A13	30101809	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0133	2022v1
Flexaust INC	Adhesives	18086	C01	30101899	25	4.8700	0.0133	0.0133	4.8700	0.0133	0.0133	0.0000	2022v1
Las Vegas Paving Corporation Portable #3	Generator	18087	B01	20200102	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0118	2022v1
Apex Materials, Llc	Generator	18132	E01	20200102	25	1.1200	0.0031	0.0031	1.0803	0.0030	0.0030	-0.0118	2022v1
Novva Data Centers	Generator	18179	A	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Durango Casino And Resort	Boiler	18196	A	10300603	25	0.1000	0.0003	0.0003	0.0990	0.0003	0.0003	-0.0032	2022v1
Durango Casino And Resort	Generator	18196	B	20300101	25	0.0300	0.0001	0.0001	0.0297	0.0001	0.0001	-0.0035	2022v1
Beads	Batch Pre-Expander	18202	A01	30800801	25	1.2500	0.0034	0.0034	1.2167	0.0033	0.0033	-0.0089	2022v1
Beads	Silo Bags (11)	18202	A02	30800803	25	1.4200	0.0039	0.0039	1.3879	0.0038	0.0038	-0.0075	2022v1
Beads	Boiler	18202	B01	10300603	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0032	2022v1

Emission Inventories for 2017, 2023, and 2026 for the Clark County Ozone Nonattainment Area

Facility Name	Description	Facility ID	Emission Unit ID	SCC	Summer Proportion (%)	2023 TPY	2023 TPD	2023 Summer TPD	2026 TPY	2026 TPD	2026 Summer TPD	VOC Growth Factor (2022-2026)	Source
Verizon Las Vegas Belmont	Generator	18218	A	20300101	25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0035	2022v1
Total						674.14	1.85	1.88	678.13	1.86	1.89		