

Compliance and enforcement for EPA permitted air quality facilities

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The ICIS-AIR system, operated by the EPA, contains compliance and permit data for stationary sources of air pollution (such as electric power plants, steel mills, factories, and universities) regulated by EPA, state and local air pollution agencies. The information in ICIS-AIR is used by the states to prepare State Implementation Plans and to track the compliance status of point sources with various regulatory programs under the [Clean Air Act](#).

The EPA website <https://echo.epa.gov> provides a database of all air regulated facilities, including compliance and enforcement information and data. The purpose of this report is to present, for the Hill Country area, a list of all permitted air pollution facilities and summaries of compliance and enforcement for the facilities.

A summary of the compliance and enforcement history for the facilities, as of September 26, 2018, is as follows:

- 329 permitted air pollution facilities exist in the Hill Country area.
- Currently (Sept 26, 2018), 6 facilities have High Priority Violations.
- The same 6 facilities have High Priority Violations each month for the last 3 years.
- The violation for the Tessman Road Landfill Gas Power Station in San Antonio includes the release of Volatile Organic Compounds to the air.
- During the last year, about 463,000 pounds of chemicals were reported to the EPA Toxic Release Inventory program as being released to the air.
- During the last year, about 60,900 tons (122 million pounds) of pollutants were reported to the EPA National Emissions Inventory program as being released to the air.
- During the last year, about 168,000 pounds of pollutants were reported to the EPA Toxic Release Inventory program as being released to the air.
- During the last year, about 56,500 pounds of Carcinogens were released to the air.
- During the last year, about 25 million metric tons (CO₂ equivalent) of Greenhouse Gas were released to the air.
- During the last 5 years, 7 Informal Enforcement Actions were issued.
- During the last 5 years, 10 Formal Enforcement Actions were issued.
- During the last 5 years, penalty fines have totaled about \$824,000.
- During the last 5 years, 43 of the facilities had at least one Full Evaluation for Compliance--286 of the facilities had no such evaluations.

The following tables present, for selected column headings, the facilities with the most infractions. A table presenting summary compliance and enforcement for each facility in the Hill Country is presented at the end of this report.

Facilities with current High Priority Violations

Facility Name	City	County	Population Density per square mile within 3 miles
CARDELL TIMCO PLANT	SAN ANTONIO	Bexar	4363.85
TESSMAN ROAD LANDFILL GAS POWER STATION	SAN ANTONIO	Bexar	1362.55
NELSON GARDENS	SAN ANTONIO	Bexar	1635.49
CEMEX CEMENT OF TEXAS	NEW BRAUNFELS	Comal	577.24
MESQUITE CREEK LANDFILL	NEW BRAUNFELS	Comal	110.22
TEXAS INDUSTRIES	NEW BRAUNFELS	Comal	114.45

Each of these facilities also had High Priority Violations each month during at least the last 3 years.

Facilities releasing at least 1,000 pounds of chemicals last year to air as reported to TRI

TRI is the EPA Toxic Release Inventory program

Facility Name	City	County	Population Density per square mile within 3 miles	Chemical releases to air TRI reported pounds per yr
CALAVERAS PLANT SITE	SAN ANTONIO	Bexar	146.22	140,149
CURTIS-MARUYASU AMERICA	SAN ANTONIO	Bexar	58.61	94,635
CAPITOL CEMENT PLANT	SAN ANTONIO	Bexar	3179.1	58,301
TEXAS INDUSTRIES	NEW BRAUNFELS	Comal	114.45	47,959
SAMSUNG AUSTIN SEMICONDUCTOR	AUSTIN	Travis	1258.78	40,389
TEXAS LEHIGH CEMENT	BUDA	Hays	597.7	27,319
CEMEX CEMENT OF TEXAS	NEW BRAUNFELS	Comal	577.24	16,188
CEMEX BALCONES QUARRY	NEW BRAUNFELS	Comal	577.24	16,188
FREESCALE SEMICONDUCTOR ED BLUESTEIN	AUSTIN	Travis	2115.35	10,615
KOCH PETROLEUM GROUP, L.P.	AUSTIN	Travis	1007.05	4,744
SAN ANTONIO TERMINAL	SAN ANTONIO	Bexar	1538.74	2,871
ADVANCED MICRO DEVICES	AUSTIN	Travis	3666.46	1,814
EXXON COMPANY USA	SAN ANTONIO	Bexar	2520.13	1,199

Data for both Cemex facilities correct as reported

Facilities releasing Carcinogens to air last year

Data units are pounds last year

Facility Name	City	County	Population Density per square mile within 3 miles	Carcinogens released to air pounds last yr
CAPITOL CEMENT PLANT	SAN ANTONIO	Bexar	3179.1	56,000.0
CURTIS-MARUYASU AMERICA	SAN ANTONIO	Bexar	58.61	206.5
KOCH PETROLEUM GROUP, L.P.	AUSTIN	Travis	1007.05	149.0
SAN ANTONIO TERMINAL	SAN ANTONIO	Bexar	1538.74	76.1
EXXON COMPANY USA	SAN ANTONIO	Bexar	2520.13	66.0
ARCONIC SAN ANTONIO WORKS	ELMENDORF	Bexar	246.13	3.5
ALAMO CEMENT 1604 PLANT	SAN ANTONIO	Bexar	1507.46	2.5

Facilities releasing Hazardous Pollutants to air last year as reported to TRI

TRI is the EPA Toxic Release Inventory

Data units are pounds last year

Facility Name	City	County	Population Density per square mile within 3 miles	Hazardous air pollutants released to air reported to TRI pounds last yr
CALAVERAS PLANT SITE	SAN ANTONIO	Bexar	146.22	61390
CAPITOL CEMENT PLANT	SAN ANTONIO	Bexar	3179.1	56051
CURTIS-MARUYASU AMERICA	SAN ANTONIO	Bexar	58.61	21919
SAMSUNG AUSTIN SEMICONDUCTOR	AUSTIN	Travis	1258.78	9432
FREESCALE SEMICONDUCTOR ED BLUESTEIN	AUSTIN	Travis	2115.35	9257
KOCH PETROLEUM GROUP, L.P.	AUSTIN	Travis	1007.05	4279
SAN ANTONIO TERMINAL	SAN ANTONIO	Bexar	1538.74	2562
EXXON COMPANY USA	SAN ANTONIO	Bexar	2520.13	1155
ADVANCED MICRO DEVICES	AUSTIN	Travis	3666.46	838
TEXAS INDUSTRIES	NEW BRAUNFELS	Comal	114.45	838
ARCONIC SAN ANTONIO WORKS	ELMENDORF	Bexar	246.13	110
TEXAS LEHIGH CEMENT	BUDA	Hays	597.7	52
ALAMO CEMENT 1604 PLANT	SAN ANTONIO	Bexar	1507.46	38
JBSA - LACKLAND	LACKLAND AFB	Bexar	2388.68	16
LACKLAND AIR FORCE BASE	SAN ANTONIO	Bexar	2388.68	16
NEW BRAUNFELS LIME PLANT	NEW BRAUNFELS	Comal	569.59	12
CEMEX CEMENT OF TEXAS	NEW BRAUNFELS	Comal	577.24	11
CEMEX BALCONES QUARRY	NEW BRAUNFELS	Comal	577.24	11
AUSTIN WHITE LIME MCNEIL PLANT & QUARRY	AUSTIN	Travis	2375.46	0.34

Data for both Cemex facilities correct as reported

Facilities releasing at least 100 tons of Hazardous Pollutants to air last year as reported to NEI

NEI is the EPA National Emissions Inventory

Facility Name	City	County	Population Density per sq. mile within 3 miles	Hazardous air pollutants released to air reported to NEI tons per yr
CALAVERAS PLANT SITE	SAN ANTONIO	Bexar	146.22	38,689
TEXAS LEHIGH CEMENT	BUDA	Hays	597.7	7,977
CAPITOL CEMENT PLANT	SAN ANTONIO	Bexar	3179.1	2,293
DECKER CREEK POWER PLANT	AUSTIN	Travis	898.26	1,537
V H BRAUNIG A VON ROSENBERG PLANT	ELMENDORF	Bexar	140.62	1,507
NEW BRAUNFELS LIME PLANT	NEW BRAUNFELS	Comal	569.59	1,472
HAYS ENERGY FACILITY	SAN MARCOS	Hays	97.99	846
COVEL GARDENS LANDFILL GAS POWER STA.	SAN ANTONIO	Bexar	1352.29	589
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JBSA - LACKLAND	LACKLAND AFB	Bexar	2388.68	503
LACKLAND AIR FORCE BASE	SAN ANTONIO	Bexar	2388.68	503
HAL C WEAVER POWER PLANT	AUSTIN	Travis	4904.95	501
SAND HILL ENERGY CENTER	DEL VALLE	Travis	455.75	370
AUSTIN ENERGY	DEL VALLE	Travis	455.75	370
SOUTHWEST RESEARCH INSTITUTE	SAN ANTONIO	Bexar	3598.77	330
TESSMAN ROAD LANDFILL GAS POWER STA	SAN ANTONIO	Bexar	1362.55	268
MESQUITE CREEK LANDFILL	NEW BRAUNFELS	Comal	110.22	233
3M AUSTIN CENTER	AUSTIN	Travis	771.35	223
SAN MARTIN GAS PLANT	ELMENDORF	Bexar	189.86	220
DP 6 COMPRESSOR STATION	ROCKSPRINGS	Edwards	0.11	184
CARDELL MAIN PLANT	SAN ANTONIO	Bexar	2529.61	176
UVALDE ROCK ASPHALT PLANT	UVALDE	Uvalde	0	156
BFI SUNSET FARMS LANDFILL	AUSTIN	Travis	725.46	152
FREESCALE SEMICONDUCTOR ED BLUESTEIN	AUSTIN	Travis	2115.35	147
ARCONIC SAN ANTONIO WORKS	ELMENDORF	Bexar	246.13	142
INTERTEK AUTOMOTIVE RESEARCH	SAN ANTONIO	Bexar	4415.71	127
UNIV OF TEXAS AT SAN ANTONIO	SAN ANTONIO	Bexar	2130.64	117

Covel Gardens Landfill Gas Power Sta. has two permits

Facilities releasing Greenhouse Gas to air last year

Data units are CO₂ equivalent metric tons last year

Facility Name	City	County	Population Density per square mile within 3 miles	Greenhouse Gas Releases CO ₂ equivalent metric tons per yr
CALAVERAS PLANT SITE	SAN ANTONIO	Bexar	146.22	8,618,697
HAYS ENERGY FACILITY	SAN MARCOS	Hays	97.99	1,609,686
CEMEX CEMENT OF TEXAS	NEW BRAUNFELS	Comal	577.24	1,496,730
CEMEX BALCONES QUARRY	NEW BRAUNFELS	Comal	577.24	1,496,730
V H BRAUNIG A VON ROSENBERG PLANT	ELMENDORF	Bexar	140.62	1,446,877
J M HUBER CORPORATION	MARBLE FALLS	Burnet	405.52	1,380,838
LCRA THOMAS C FERGUSON POWER PLANT	HORSESHOE BAY	Llano	405.52	1,380,838
TEXAS INDUSTRIES	NEW BRAUNFELS	Comal	114.45	1,026,045
TEXAS LEHIGH CEMENT	BUDA	Hays	597.70	978,623
ALAMO CEMENT 1604 PLANT	SAN ANTONIO	Bexar	1507.46	827,666
SAND HILL ENERGY CENTER	DEL VALLE	Travis	455.75	754,171
AUSTIN ENERGY	DEL VALLE	Travis	455.75	754,171
SAMSUNG AUSTIN SEMICONDUCTOR	AUSTIN	Travis	1258.78	577,201
CAPITOL CEMENT PLANT	SAN ANTONIO	Bexar	3179.1	483,828
NEW BRAUNFELS LIME PLANT	NEW BRAUNFELS	Comal	569.59	401,328
DECKER CREEK POWER PLANT	AUSTIN	Travis	898.26	326,426
TEXAS DISPOSAL SYSTEMS LANDFILL	BUDA	Travis	109.00	293,171
AUSTIN WHITE LIME MCNEIL PLANT & QUARRY	AUSTIN	Travis	2375.46	213,099
COVEL GARDENS LANDFILL GAS POWER STA	SAN ANTONIO	Bexar	1352.29	201,431
COVEL GARDENS LANDFILL GAS POWER STA	SAN ANTONIO	Bexar	1352.29	201,431
TESSMAN ROAD LANDFILL	SAN ANTONIO	Bexar	676.82	125,332
ADVANCED MICRO DEVICES	AUSTIN	Travis	3666.46	72,346
MESQUITE CREEK LANDFILL	NEW BRAUNFELS	Comal	110.22	53,794
CITY PUBLIC SERVICE LEON CREEK PLANT	SAN ANTONIO	Bexar	2413.25	42,195
JBSA - LACKLAND	LACKLAND AFB	Bexar	2388.68	41,866
LACKLAND AIR FORCE BASE	SAN ANTONIO	Bexar	2388.68	41,866
CURTIS-MARUYASU AMERICA	SAN ANTONIO	Bexar	58.61	32,874
BFI SUNSET FARMS LANDFILL	AUSTIN	Travis	725.46	22,771
SAN MARTIN GAS PLANT	ELMENDORF	Bexar	189.86	14,468

Facilities penalized with fines during the last 5 years

Facility Name	City	County	Population Density per square mile within 3 miles	Penalty Fines in dollars last 5 yrs
CEMEX CEMENT OF TEXAS	NEW BRAUNFELS	Comal	577.24	520,538
TEXAS INDUSTRIES	NEW BRAUNFELS	Comal	114.45	174,376
CAPITOL CEMENT PLANT	SAN ANTONIO	Bexar	3179.1	48,000
TESSMAN ROAD LANDFILL GAS POWER STA.	SAN ANTONIO	Bexar	1362.55	46,616
MICHAEL ANGELO'S GOURMET FOODS	AUSTIN	Travis	2693.75	32,004
NELSON GARDENS	SAN ANTONIO	Bexar	1635.49	2,813