**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](https://www.epa.gov/air/caa).

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 (CO**2** 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** | | | | |
|  |  |  | | Population | |
|  |  |  | | Density | |
|  |  |  | | per square mile | |
| Facility Name | City | County | | 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.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | | | | | | | | | | | | | | |
|  | | |  | |  | | | |  | | Chemical | | |
| Data units are pounds last year | | |  | |  | | Population | | | | releases | | |
|  | |  | | |  | | Density | | | | to air | | |
|  | |  | | |  | | per square mile | | | | TRI reported | | |
| Facility Name | City | | | County | | within 3 miles | | | | | 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 |  | | |  | | | |  | |  | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Facilities releasing Carcinogens to air last year** | | | | | | | | |
|  |  |  |  | | |  | | |  | | |  |  |  |  |
|  |  |  | | Population | | | Carcinogens | | | |
| Data units are pounds last year |  |  | | Density | | | released | | | |
|  |  |  | | per square mile | | | to air | | | |
| Facility Name | City | County | | within 3 miles | | | 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 | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Facilities releasing Hazardous Pollutants to air last year as reported to TRI** | | | | | | | | | | | |
| TRI is the EPA Toxic Release Inventory | | | | | | | | | | | |
|  | |  | |  | |  | | | Hazardous air | | | |
| Data units are pounds last year |  | | |  | Population | | | | | pollutants | | |
|  |  | | |  | Density | | | | | released to air | | |
|  |  | | |  | per square mile | | | | | reported to TRI | | |
| Facility Name | City | | County | | within 3 miles | | | | | 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 | | | | | | | | | | |  |
|  | |  |  | | |  | | Hazardous air | | | | |
| Data units are tons last year | |  |  | | Population | | | pollutants | | | | |
|  | |  | |  | Density | | | released to air | | | | |
|  | |  | |  | per sq. mile | | | reported to NEI | | | | |
| Facility Name | City | | County | | within 3 miles | | | 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 | | |
| COVEL GARDENS LANDFILL GAS POWER STA. | SAN ANTONIO | | Bexar | | | 1352.29 | 589 | | |
| 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

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Facilities releasing Greenhouse Gas to air last year** | | | | |  | | |
|  | |  |  |  | Greenhouse | | | |
| Data units are CO**2** equivalent metric tons last year | |  |  | Population | | Gas | | |
|  | |  |  | Density | | Releases | | |
|  | |  |  | per square mile | | CO**2** equivalent | | |
| Facility Name | City | | County | within 3 miles | | 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** | | | | | | | |
|  | |  | |  | Population | | Penalty | |
|  | |  | |  | Density | | Fines | |
|  | |  | |  | per square mile | | in dollars | |
| Facility Name | City | | County | | within 3 miles | | 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 | |