Compliance and enforcement for hazardous waste facilities in the

Texas Hill Country

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In 1976, the Resource Conservation and Recovery Act (RCRA) gives the EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste <https://www.epa.gov/laws-regulations/summary-resource-conservation-and-recovery-act>. In 1984, the Federal Hazardous and Solid Waste Amendments to RCRA focused on waste minimization and phasing out land disposal of hazardous waste as well as corrective action for releases. Some of the other mandates of this law include increased enforcement authority for EPA, more stringent hazardous waste management standards, and a comprehensive underground storage tank program. In 1986, additional amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

The EPA website <https://echo.epa.gov> provides a database of all RCRA 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 hazardous waste facilities and summaries of compliance and enforcement for the facilities.

A summary of the compliance and enforcement history for the facilities, as of September 25, 2018, is as follows:

* 1198 hazardous waste facilities exist in the Hill Country area.
* 14 of the facilities are currently non compliant and an additional 2 facilities have significant violations.
* During the last 3 years, 9 of the facilities were non compliant every quarter.
* During the last 3 years, there were 276 total quarters of non compliance for the 1198 facilities.
* During the last 3 years, 5 of the facilities had at least one quarter with significant non compliance and 2 of those had significant non compliance every quarter.
* During the last 5 years, only 108 total inspections were made of the 1l98 facilities. 1117 (93%) of the facilities had no inspections during the period.
* During the last year, about 492,000 pound of chemicals were released on land and more than 5 million pounds of chemicals were transferred off site.
* During the past 5 years, only 47 informal enforcement actions were taken against the facilities and 29 formal enforcement actions were made.
* During the past 5 years, total penalties against all facilities were about $991,000.

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 thisreport.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Facilities with current status of Noncompliance or Significant Violation** | | | | | | | |
|  | |  |  | |  |  | |
|  |  | |  | | Population | |  |
|  |  | |  | | Density | | Current | |
|  |  | |  | | per square mile | | Compliance | |
| Facility Name | City | | County | within 3 miles | | | Status | |
|  |  | |  | |  |  | | |
| ALAMO ENVIRONMENTAL | SAN ANTONIO | | BEXAR | | 685.32 | Significant Violation | | |
| RIVER CITY METAL FINISHING | SAN ANTONIO | | BEXAR | | 1728.34 | Significant Violation | | |
| BROOKS CITY BASE | BROOKS CITY BASE | | BEXAR | | 1514.86 | Noncompliance | | |
| UNIVERSAL PRESSURE PUMPING | ELMENDORF | | BEXAR | | 234.28 | Noncompliance | | |
| M7 AEROSPACE | SAN ANTONIO | | BEXAR | | 2931.17 | Noncompliance | | |
| ASTRO PLATING | SAN ANTONIO | | BEXAR | | 5232.15 | Noncompliance | | |
| NEWELL RECYCLING OF SAN ANTONIO | SAN ANTONIO | | BEXAR | | 5510.22 | Noncompliance | | |
| MOONEY INTERNATIONAL KERVILLE | KERRVILLE | | KERR | | 136.16 | Noncompliance | | |
| TEXAS LEHIGH CEMENT | BUDA | | HAYS | | 597.7 | Noncompliance | | |
| DEPOSITION TECHNOLOGY | AUSTIN | | TRAVIS | | 3990.81 | Noncompliance | | |
| MACYS LA CANTERA | SAN ANTONIO | | BEXAR | | 1659.13 | Noncompliance | | |
| MACYS SOUTH PARK CENTER | SAN ANTONIO | | BEXAR | | 3932.72 | Noncompliance | | |
| MACYS INGRAM PARK | SAN ANTONIO | | BEXAR | |  | Noncompliance | | |
| DANNY PRIESS | FREDONIA | | MASON | |  | Noncompliance | | |
| ADVANCED INTEGRATED TECHNOLOGY | SAN ANTONIO | | BEXAR | | 2943.57 | Noncompliance | | |
| SURE CAST | BURNET | | BURNET | | 262.05 | Noncompliance | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Facilities with at least 6 Non Compliant quarters during the last 3 years** | | | | | | | | | | | | | | |
|  |  | | |  | |  | | | | |  | | | |
|  |  | | |  | | Population | | | | | | Number | | | |
|  |  | | |  | | Density | | | | | | Quarters | | | |
|  |  | | |  | | per square mile | | | | | | Non Compliant | | | |
| Facility Name | City | | | County | | within 3 miles | | | | | | Last 3 yrs | | | |
|  |  | | |  | |  | | | |  | | | |
| ALAMO ENVIRONMENTAL | SAN ANTONIO | | | BEXAR | | 685.32 | | 12 | | | | |
| RIVER CITY METAL FINISHING | SAN ANTONIO | | | BEXAR | | 1728.34 | | 12 | | | | |
| BROOKS CITY BASE | BROOKS CITY BASE | | | BEXAR | | 1514.86 | | 12 | | | | |
| UNIVERSAL PRESSURE PUMPING | ELMENDORF | | | BEXAR | | 234.28 | | 12 | | | | |
| M7 AEROSPACE | SAN ANTONIO | | | BEXAR | | 2931.17 | | 12 | | | | |
| ASTRO PLATING | SAN ANTONIO | | | BEXAR | | 5232.15 | | 12 | | | | |
| NEWELL RECYCLING OF SAN ANTONIO | SAN ANTONIO | | | BEXAR | | 5510.22 | | 12 | | | | |
| MOONEY INTERNATIONAL KERVILLE | KERRVILLE | | | KERR | | 136.16 | | 12 | | | | |
| DANNY PRIESS | FREDONIA | | | MASON | |  | | 12 | | | | |
| TEXAS LEHIGH CEMENT | BUDA | | | HAYS | | 597.7 | | 11 | | | | |
| DEPOSITION TECHNOLOGY | AUSTIN | | | TRAVIS | | 3990.81 | | 10 | | | | |
| MACYS LA CANTERA | SAN ANTONIO | | | BEXAR | | 1659.13 | | 9 | | | | |
| MACYS SOUTH PARK CENTER | SAN ANTONIO | | | BEXAR | | 3932.72 | | 9 | | | | |
| MACYS INGRAM PARK | SAN ANTONIO | | | BEXAR | |  | | 8 | | | | |
| M2 GLOBAL TECHNOLOGY | SAN ANTONIO | | | BEXAR | | 3730.42 | | 8 | | | | |
| WOOD INDUSTRIES PA 1299 | SAN ANTONIO | | | BEXAR | | 492.76 | | 7 | | | | |
| METHODIST HOSPITAL | SAN ANTONIO | | | BEXAR | | 4732.37 | | 7 | | | | |
| CENTEX PLATING | AUSTIN | | | TRAVIS | | 4977.81 | | 7 | | | | |
| LTD MATERIAL | AUSTIN | | | TRAVIS | | 2339.64 | | 7 | | | | |
| MT TEXAS | SAN ANTONIO | | | BEXAR | | 3008.31 | | 7 | | | | |
| BORACAY NEW BRAUNFELS | NEW BRAUNFELS | | | COMAL | | 277.44 | | 6 | | | | |
|  |  | | |  | |  | |  | | | | |
| **Facilities with significant Non Compliance quarters during the last 3 years** | | | | | | | | | | | | | | | |
|  | |  |  | |  | | | |  | | | | | | |
|  | |  |  | | Population | | | | Quarters with | | | | | | |
|  | |  |  | | Density | | | | Significant | | | | | | |
|  | |  |  | | per square mile | | | | Non Compliance | | | | | | |
| Facility Name | | City | County | | within 3 miles | | | | Last 3 yrs | | | | | | |
|  | |  |  | |  | | | |  | | | | | | |
| ALAMO ENVIRONMENTAL | | SAN ANTONIO | BEXAR | | 685.32 | | 12 | | | | | | |
| RIVER CITY METAL FINISHING | | SAN ANTONIO | BEXAR | | 1728.34 | | 12 | | | | | | |
| LTD MATERIAL | | AUSTIN | TRAVIS | | 2339.64 | | 7 | | | | | | |
| WOOD INDUSTRIES PA 1299 | | SAN ANTONIO | BEXAR | | 492.76 | | 2 | | | | | | |
| TEXAS FLUORESCENCE LABORATORIES | | AUSTIN | TRAVIS | | 1096.94 | | 1 | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Facilities with Chemical Land Releases last year** | | | | | | | | | | | | | |
|  | |  | |  | | |  | | |  | | | |
|  | |  | |  | | Population | | | Chemical | | |
|  | |  | |  | | Density | | | Land | | |
|  | |  | |  | | per square mile | | | Releases | | |
| Facility Name | City | | County | | within 3 miles | | | | (in pounds) | | |
|  |  | |  | | |  | | |  | | | |
| CALAVERAS LAKE PLANT | SAN ANTONIO | | BEXAR | | | 146.22 | | 389,298 | | |
| CAMP BULLIS TRAINING SITE | SAN ANTONIO | | BEXAR | | | 37.43 | | 92,204 | | |
| RANDOLPH AFB AIR EDUCATION AND TRAINING COMMAND | RANDOLPH AFB | | BEXAR | | | 1635.1 | | 5,317 | | |
| CAMP STANLEY STORAGE ACTIVITY MCAAP JMC | BOERNE | | BEXAR | | | 502.38 | | 4,518 | | |
| TXI HUNTER CEMENT PLANT | NEW BRAUNFELS | | COMAL | | | 114.45 | | 915 | | |
| AUSTIN WHITE LIME MCNEIL PLANT AND QUARRY | AUSTIN | | TRAVIS | | | 2375.46 | | 178 | | |
| SAN ANTONIO WORKS | ELMENDORF | | BEXAR | | | 246.13 | | 0.9 | | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Facilities transferring at least 100,000 pounds of chemicals off site last year** | | | | | | | | | | |
|  | |  | |  | |  | |  | | |
|  | |  |  | | Population | | | Off Site | |
|  |  | |  | | Density | | | Chemical | |
|  |  | |  | | per square mile | | | Transfer | |
| Facility Name | City | | County | | within 3 miles | | | (in pounds) | |
|  |  | |  | |  | | |  | |
| SAMSUNG AUSTIN SEMICONDUCTOR | AUSTIN | | TRAVIS | | 1258.78 | | 1,398,047 | |
| ICU MEDICAL FLEET SERVICES | AUSTIN | | TRAVIS | | 2548.79 | | 1,156,653 | |
| AZZ GALVANIZING SAN ANTONIO | SAN ANTONIO | | BEXAR | | 1417.8 | | 576,067 | |
| JOHNSON CONTROLS BATTERY GROUP SAN ANTONIO | SAN ANTONIO | | BEXAR | | 3453.23 | | 508,623 | |
| CALAVERAS LAKE PLANT | SAN ANTONIO | | BEXAR | | 146.22 | | 289,986 | |
| NXP USA | AUSTIN | | TRAVIS | | 1941.71 | | 238,855 | |
| TOYOTA MOTOR MANUFACTURING TEXAS | SAN ANTONIO | | BEXAR | | 58.61 | | 128,228 | |
| ENTEGRIS | BURNET | | BURNET | | 258.99 | | 120,982 | |
| TOWERJAZZ TEXAS | SAN ANTONIO | | BEXAR | | 3794.97 | | 116,000 | |
| NXP USA | AUSTIN | | TRAVIS | | 2115.35 | | 107,056 | |

Note: An additional 29 facilities transferred less than 100,000 pounds of chemicals off site last year.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Facilities with at least two Informal Enforcement Actions during the last 5 years** | | | | | | |
|  |  |  |  | |  | |
|  |  |  | Population | | Informal | |
|  |  |  | Density | | Enforcement | |
|  |  |  | per square mile | | Actions | |
| Facility Name | City | County | within 3 miles | | Last 5 yrs | |
|  |  |  |  | |  | |
| CALUMET SAN ANTONIO REFINERY | SAN ANTONIO | BEXAR | 2974.1 | 5 | |
| REDS INDOOR RANGE NORTH | PFLUGERVILLE | TRAVIS | 3021.23 | 3 | |
| DANNY PRIESS | FREDONIA | MASON |  | 2 | |
| TEXAS FLUORESCENCE LABORATORIES | AUSTIN | TRAVIS | 1096.94 | 2 | |
| JULIO S AND MARIA I ALONSO DBA A-1 | VON ORMY | BEXAR |  | 2 | |
| NYTEX AUTOMATIC PRODUCTS | FREDERICKSBURG | GILLESPIE | 290.08 | 2 | |
| CENTEX PLATING | AUSTIN | TRAVIS | 4977.81 | 2 | |

Note: An additional 29 facilities had one Informal Enforcement Action.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Facilities with at least one Formal Enforcement Action during the last 5 years** | | | | | | | |
|  |  |  |  | |  | | |
|  |  |  | Population | | | Formal | |
|  |  |  | Density | | | Enforcement | |
|  |  |  | per square mile | | | Actions | |
| Facility Name | City | County | within 3 miles | | | Last 5 yrs | |
|  |  |  |  | | |  | |
| TEXAS FLUORESCENCE LABORATORIES | AUSTIN | TRAVIS | 1096.94 | 3 | | |
| COX MANUFACTURING | SAN ANTONIO | BEXAR | 2075.21 | 2 | | |
| NYTEX AUTOMATIC PRODUCTS | FREDERICKSBURG | GILLESPIE | 290.08 | 2 | | |
| CENTEX PLATING | AUSTIN | TRAVIS | 4977.81 | 2 | | |
| REDS INDOOR RANGE NORTH | PFLUGERVILLE | TRAVIS | 3021.23 | 2 | | |
| CALUMET SAN ANTONIO REFINERY | SAN ANTONIO | BEXAR | 2974.1 | 2 | | |
| UNIVERSAL PRESSURE PUMPING | ELMENDORF | BEXAR | 234.28 | 1 | | |
| TEXAS LEHIGH CEMENT | BUDA | HAYS | 597.7 | 1 | | |
| DEPOSITION TECHNOLOGY | AUSTIN | TRAVIS | 3990.81 | 1 | | |
| MACYS LA CANTERA | SAN ANTONIO | BEXAR | 1659.13 | 1 | | |
| MACYS SOUTH PARK CENTER | SAN ANTONIO | BEXAR | 3932.72 | 1 | | |
| MACYS INGRAM PARK | SAN ANTONIO | BEXAR |  | 1 | | |
| WEATHERFORD SATX HUB | SAN ANTONIO | BEXAR |  | 1 | | |
| OMNICARE SAN ANTONIO | SAN ANTONIO | BEXAR | 3943.4 | 1 | | |
| TLMI | AUSTIN | TRAVIS | 4278.92 | 1 | | |
| APS-SUMMIT CARE PHARMACY AUSTIN | AUSTIN | TRAVIS | 4132.83 | 1 | | |
| SAN ANTONIO TESTING LABORATORY | SAN ANTONIO | BEXAR | 5535.82 | 1 | | |
| PATHOLOGY REFERENCE LABORATORY | SAN ANTONIO | BEXAR | 4462 | 1 | | |
| SYNERGISTIC ENVIRONMENTAL SYSTEMS SES | SAN ANTONIO | BEXAR | 519.21 | 1 | | |
| MEMORIAL HERMANN TMC | HOUSTON | HAYS | 5895.77 | 1 | | |
| JULIO S AND MARIA I ALONSO DBA A-1 | VON ORMY | BEXAR |  | 1 | | |
| ALERE TOXICOLOGY SERVICES | AUSTIN | TRAVIS | 3301.08 | 1 | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Facilities penalized with fines for violations during the last 5 years** | | | | | |
|  |  |  |  | |  |
|  |  |  | Population | | Penalty | | |
|  |  |  | Density | | Fines | | |
|  |  |  | per square mile | | (in dollars) | | |
| Facility Name | City | County | within 3 miles | | Last 5 yrs | | |
|  |  |  |  | |  | | |
| UNIVERSAL PRESSURE PUMPING | ELMENDORF | BEXAR | 234.28 | 501,175 | | |
| ALERE TOXICOLOGY SERVICES | AUSTIN | TRAVIS | 3301.08 | 186,226 | | |
| TEXAS LEHIGH CEMENT | BUDA | HAYS | 597.7 | 72,512 | | |
| CENTEX PLATING | AUSTIN | TRAVIS | 4977.81 | 68,938 | | |
| DEPOSITION TECHNOLOGY | AUSTIN | TRAVIS | 3990.81 | 57,808 | | |
| CALUMET SAN ANTONIO REFINERY | SAN ANTONIO | BEXAR | 2974.1 | 37,225 | | |
| REDS INDOOR RANGE NORTH | PFLUGERVILLE | TRAVIS | 3021.23 | 18,001 | | |
| COX MANUFACTURING | SAN ANTONIO | BEXAR | 2075.21 | 15,188 | | |
| NYTEX AUTOMATIC PRODUCTS | FREDERICKSBURG | GILLESPIE | 290.08 | 12,750 | | |
| SAN ANTONIO TESTING LABORATORY | SAN ANTONIO | BEXAR | 5535.82 | 10,768 | | |
| TEXAS FLUORESCENCE LABORATORIES | AUSTIN | TRAVIS | 1096.94 | 6,300 | | |
| JULIO S AND MARIA I ALONSO DBA A-1 | VON ORMY | BEXAR |  | | 3,883 | |