State or Tribe
Arkansas
Louisiana
Louisiana
Louisiana
Louisiana
Louisiana
Louisiana
Louisiana
Louisiana
New Mexico
Texas
Texas
Texas
Texas
Texas
Texas
Texas
Texas
Texas
Texas
Texas

*total of 6.1 tons/yr of Ethylene oxide and Propylene oxide. Permit doesn't have separate value for each!

**Update

tons/year values

Permit?

County
Baxter
Iberville
St. Charles
Iberville
St. John the Baptist
Calcasieu
Ascension
Iberville
Ascension
Dona Ana
Jefferson
Harrison
Montgomery
Fort Bend
Harris
Harris
Calhoun
Harris
Webb
Harris
Harris

facility has several permits for different unit. Each unit has its own EtO permitted limit. It is hard to determine how many
incorrect zip in EIS vs. ECHO and permit, correct zip for facility info 77053
Ann. Values given in the orginal table. We need to check with Mad.Strum on these values (conversion from lbs/yr reporte
***I checked with Madeliene, the values highlighted are process point source values not facility total ann. values.*

tons/year=lbs/yr *0.0005
exceeds permit limits
looking in the TCEQ permit DB
Difference between ECHO and EIS data (same address but different EIS number and EtO reported emissions)
3 facilities recently added.

zipcode	Permit #/Agency-Facility identification #	EIS facility_id	Company
72635		1073211	
70776		7451011	Balchem Corp
70057		7202911	Union Carbide Corp - St Charles Operations
70776		5504811	Taminco US LLC
70084		5287111	Air Products Perfomance Manufacturing Inc.
70669		8468011	Sasol Chemicals (USA) LLC
70734		7445611	Shell Chemical LP
70765		8467311	The Dow Chemical Co
70734		8465611	BASF Corp
88005		7582111	STERIGENICS-SANTA TERESA FACILITY
77651	O1327 RN104964267	4945211	HUNTSMAN PETROCHEMICAL LLC
75607		4941511	EASTMAN CHEMICAL COMPANY
77305		4945611	HUNTSMAN PETROCHEMICAL LLC
77001		4853011	AKZO NOBEL SURFACE CHEMISTRY LLC
77507	O1974 RN100219815	4926611	EQUISTAR CHEMICALS LP
77530	O1387 RN100633650	4941411	LYONDELL CHEMICAL COMPANY
77983		5846511	UNION CARBIDE CORPORATION
77507		4057911	CELANESE LTD
78045		9061511	
77082		3736811	SHELL CHEMICAL LP
77520	O1229 RN102579307	4924411	Exxon Mobil Corporation

permit/facility from permits databases. We can either contact state or facility to get an accurate pe

ed in the NEI) to tons/yr

site_name	NEI data (tons)	NEI data (lbs)
Baxter Healthcare Corporation	0.475	950.0
BCP Ingredients Inc	2.50171	5,003.42
Union Carbide Corp - St Charles Operations	15.0324	30,064.8
Taminco US Inc	1.14947	2,298.94
Air Products Performance Manufacturing Inc - Reserve Plant	1.61095	3,221.9
Sasol Chemicals (USA) LLC - Lake Charles Chemical Complex	6.319895	12,639.79
Shell Chemical LP - Geismar Plant	4.8290335	9,658.067
The Dow Chemical Co - Louisiana Operations	1.802045	3,604.09
BASF Corp - Geismar Site	7.13912889	14,278.258
Santa Teresa Facility	2.8805	5,761.0
PORT NECHES PLANT	10.776	21,552.0
TEXAS OPERATIONS	7.4135	14,827.0
CONROE FACILITY	2.6693	5,338.6
HOUSTON PLANT	0.2523	504.6
BAYPORT UNDERWOOD PLANT	10.4405	20,881.0
CHANNELVIEW PLANT	0.959	1,918.0
SEADRIFT PLANT	5.1958	10,391.6
CLEAR LAKE PLANT	5.9467	11,893.4
Midwest Sterilization Corp	7.869	15,738.0
SHELL (West Hollow) TECHNOLOGY CENTER HOUSTON	0.4593	918.6
BAYTOWN REFINERY	no EtO reported in EIS or TRI- this was in Madeline's list for Benzidine not EtO	

rmit limit/facility.

Permit Limit (tons)	TRI (lbs)
5.5	950.0
5.08	5,003.0
7.131	30,051.0
1.74	1,000.0
1.89	3,323.0
13.99	12,645.0
1.23	9,669.0
4.98	3,609.0
	15,185.0
6.1*	5,761.0
10 (ethylene) no EtO limits mentioned in permit	42,453.0
	22,689.0
Permit?	5,561.0
Permit?	515.0
10.0	20,881.0
5.0	1,920.0
Permit?	10,393.0
Permit?	11,894.85
7.38	15,738.0
	no TRI data
10.0	

ECHO Link
https://echo.epa.gov/air-pollutant-report?fid=110000597104
https://echo.epa.gov/air-pollutant-report?fid=110000597417
https://echo.epa.gov/air-pollutant-report?fid=110000597104 https://echo.epa.gov/air-pollutant-report?fid=110056972432
https://echo.epa.gov/air-pollutant-report?fid=110017758381 https://echo.epa.gov/air-pollutant-report?fid=110017418061 https://echo.epa.gov/detailed-facility-report?fid=110000743394 https://echo.epa.gov/detailed-facility-report?fid=110001244724 https://echo.epa.gov/air-pollutant-report?fid=110000597364 https://echo.epa.gov/detailed-facility-report?fid=110000472541 https://echo.epa.gov/detailed-facility-report?fid=110000504801 https://echo.epa.gov/air-pollutant-report?fid=110000743704 https://echo.epa.gov/air-pollutant-report?fid=110000748095 https://echo.epa.gov/air-pollutant-report?fid=110000461884 https://echo.epa.gov/air-pollutant-report?fid=110000506079 https://echo.epa.gov/air-pollutant-report?fid=110000463221 https://echo.epa.gov/air-pollutant-report?fid=110007175154 https://echo.epa.gov/air-pollutant-report?fid=110030493320 No ECHO record for this facility
https://echo.epa.gov/detailed-facility-report?fid=110000599291
https://echo.epa.gov/detailed-facility-report?fid=110000502901