



This database has two primary purposes: 1) to list the vital information on current permitting actions for the expansions of existing refineries and construction of new oil refineries in the United States and 2) to keep track of oil refineries processing Canadian tar sands oil.

Currently, there are no opportunities to comment on any New Source Review (NSR) permits authorizing refinery expansion projects. It is important to note that the Environmental Integrity Project does not track federal Title V permits for revisions incorporating changes in NSR permits authorizing refinery expansion projects. For the most part, known expansion projects in the planning stages have been put on hold given the recent low prices of crude oil and thinning profit margins in the refining industry. Since the last update, four refineries with crude capacities totaling 354,350 barrels per calendar day (bpcd) have been idled or will be idled in the near future.

- Valero in Delaware City, Delaware – 182,200 bpcd
- Sunoco in Westville, New Jersey (Eagle Point refinery) – 145,000 bpcd
- Western Refining in Bloomfield, New Mexico – 16,800 bpcd
- Silver Eagle Refining in Woods Cross, Utah – 10,250 bpcd

The Environmental Integrity Project makes every effort to continually update this database. However, conditions are dynamic and deadlines often change. We appreciate any input regarding updates that should be made. Please contact Adam Engelman via email at aengelman@environmentalintegrity.org or by phone at (512) 637-9477 to let us know of anything that should be updated, deleted, or changed.

<u>Company</u>	<u>City</u>	<u>Current Capacity (barrels per calendar day)</u>	<u>Action</u>	<u>Dates & Deadlines</u>	<u>Tar Sands</u>
Alabama - http://www.adem.state.al.us					
Goodway Refining LLC	Atmore	4,100			
Hunt Refining Co	Tuscaloosa	36,000			
Shell Chemical LP	Saraland	86,500			
Alaska - http://www.dec.state.ak.us/					
BP Exploration Alaska Inc	Prudhoe Bay	12,780			
Conoco Phillips Alaska Inc	Kuparuk	15,000			
Flint Hills Resources Alaska LLC	North Pole	210,000			
Petro Star Inc	North Pole	19,700			
Petro Star Inc	Valdez	48,000 (IDLE)			
Tesoro Alaska Petroleum Co	Kenai	72,000			
Arizona - http://www.azdeq.gov/					
Arizona Clean Fuels Yuma, LLC	Yuma	163,000	Proposed Refinery - Greenfield Site	Application for PSD/Title V permit suspended October 9, 2008 due to new EPA Air Modeling rules. ACFY, LLC needs to revise modeling accordingly.	
Arkansas - http://www.adeq.state.ar.us					
Cross Oil Refining & Marketing Inc	Smackover	7,500			
Lion Oil Co	El Dorado	70,000			
California - South Coast Air Quality Management District - www.aqmd.gov					
BP West Coast Products LLC	Los Angeles	265,000			
Chevron USA Inc	El Segundo	279,000			
Conoco Phillips Company	Wilmington	139,000			Yes ¹
Alon USA (formerly Eddington Oil Co)	Long Beach	35,000			

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ExxonMobil Refining & Supply Co	Torrance	149,500			
Lunday Thagard Co	South Gate	8,500			
Paramount Petroleum Corp	Paramount	53,000 (IDLE)			
Tesoro Refining & Marketing Co (Formerly Shell)	Wilmington	96,860			
Ultramar Inc	Wilmington	80,887			
Valero Refining Co California	Wilmington	6,300			
California - Bay Area Air Quality Management District - www.baaqmd.gov					
Chevron USA Inc	Richmond	245,271	Proposing Expansion - The Contra Costa County Superior Court ruled that the Environmental Impact Report submitted by Chevron was insufficient (06/2009) - Chevron is appealing		Yes, after construction of expansion ¹
Conoco Phillips Company	Rodeo	120,200	Constructing Expansion (Note: This refinery operates as a single refinery with the ConocoPhillips refinery in Arroyo Grande. The Rodeo refinery upgrades refinery feedstock sent by pipeline from the Arroyo Grande refinery)		Yes ¹
Shell Oil Products US	Martinez	156,400			
Tesoro Refining & Marketing Co	Martinez	166,000			
Valero Refining Co California	Benicia	144,000			
California - Santa Barbara County Air Pollution Control District - www.sbcapcd.org					
Greka Energy	Santa Maria	9,500			

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California - San Luis Obispo County Air Pollution Control District - www.slocleanair.org					
Conoco Phillips Company	Arroyo Grande	44,200	Note: This refinery operates as a single refinery with the ConocoPhillips refinery in Rodeo. The Arroyo Grande processes raw crude into intermediate feedstock and sends the product by pipeline to the Rodeo refinery for final upgrading to finished petroleum products.		Yes ¹
California - San Joaquin Valley Air Pollution Control District - www.valleyair.org					
Big West of California	Bakersfield	66,000	Constructing processes to produce gasoline - Big West is not increase crude capacity. The refinery is idled and for sale.		
Kern Oil & Refining	Bakersfield	26,000			
San Joaquin Refining Co Inc	Bakersfield	15,000			
California - Ventura County Air Pollution Control District - www.vcapcd.org					
Tenby Inc	Oxnard	2,800			
Colorado - http://www.cdphe.state.co.us					
Suncor Energy	Commerce City East	35,000			Yes ¹
Suncor Energy	Commerce City West	67,000			Yes ¹
Delaware - http://www.dnrec.state.de.us					
Valero (formerly Premcor)	Delaware City	182,200 (IDLE)	Plant Idled		

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Georgia - http://www.gaepd.org/					
NuStar Asphalt Refining Co. (formerly Citgo Asphalt Refining Co)	Savannah	28,000 (IDLE)			
Hawaii - http://www.hawaii.gov/health					
Chevron USA Inc	Honolulu	54,000			
Tesoro Hawaii Corp	Kapolei	93,500			
Illinois - http://www.epa.state.il.us					
ExxonMobil Refining & Supply Co	Joliet	238,600	Constructing Expansion - Permit Issued		Yes ¹
Marathon Petroleum Co LLC	Robinson	204,000			
PDV Midwest Refining LLC (Citgo)	Lemont	167,000			Yes ¹
WRB Refining "Wood River" (ConocoPhillips)	Roxana	306,000	Constructing Expansion - Permit Issued		Yes ¹
Indiana - http://www.in.gov/idem/					
BP Products North America Inc	Whiting	405,000	Constructing Expansion - Permit Issued		Yes ¹
Countrysmark Cooperative Inc	Mount Vernon	26,500			
Kansas - http://www.kdheks.gov					
Coffeyville Resources LLC	Coffeyville	115,700			Likely ²
Frontier El Dorado Refining Co	El Dorado	130,000			Likely ²

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NCRA	McPherson	85,500	Expansion Permits Issued - Construction has not commenced (NOTE: NCRA publishes daily the types of crude that is purchased and the price paid for that crude - http://www.ncra.coop/pb.htm)		Yes, after construction of expansion ¹
Kentucky - http://www.air.ky.gov/					
Marathon Petroleum Co LLC	Catlettsburg	226,000			
The Somerset Refinery Inc (formerly Somerset Energy Refining LLC).	Somerset	5,500	No longer idle - Somerset updated their Title V permit to reflect changes at refinery. This facility is not subject to PSD review because it doesn't emit more then 100 TPY of any regulated pollutant		
Louisiana - http://www.deq.louisiana.gov					
Alon Refining (formerly Valero Refining)	Krotz Springs	80,000			
Calcasieu Refining Co	Lake Charles	53,000			
Calumet Lubricants Co LP	Cotton Valley	13,020			
Calumet Lubricants Co LP	Princeton	8,300			
Calumet Shreveport LLC	Shreveport	58,000			
Chalmette Refining LLC	Chalmette	192,500			
Citgo Petroleum Corp	Lake Charles	429,500			
ConocoPhillips Company	Belle Chase	247,000			
ConocoPhillips Company	Westlake	239,400			
ExxonMobil Refining & Supply Co	Baton Rouge	503,000			
Marathon Petroleum Co LLC	Garyville	256,000	Constructing Expansion - Permit Issued		
Motiva Enterprises LLC	Convent	235,000			

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Motiva Enterprises LLC	Norco	236,400			
Murphy Oil USA Inc	Meraux	120,000			
Placid Refining Co	Port Allen	56,000	Constructing Expansion - Permit Issued		
Shell Chemical LP	Saint Rose	55,000			
Valero Refining Co New Orleans LLC	Norco/St. Charles Parish	185,003	Expansion Deferred		
Michigan - http://www.michigan.gov/deq					
Marathon Petroleum Co LLC	Detroit	102,000	Constructing Expansion - Permit Issued		Yes ¹
Minnesota - http://www.pca.state.mn.us/					
Flint Hills Resources LLP	Rosemount	280,500			Yes ¹
Marathon Petroleum Co LLC	Saint Paul Park	74,000			Yes ¹
Mississippi - http://www.deq.state.ms.us					
Chevron USA Inc	Pascagoula	330,000	Planning to replace older units - Permit Issued		
Ergon Refining Inc	Vicksburg	23,000			
Hunt Southland Refining Co	Sandersville	11,000			
Montana - http://www.deq.state.mt.us					
Cenex Harvest States Coop	Laurel	59,600			Likely ²
ConocoPhillips Company	Billings	58,000	Planned Expansion; Construction on hold - Permit Issued		Yes ¹
ExxonMobil Refining & Supply Co	Billings	60,000			Yes ¹
Montana Refining Co	Great Falls	9,500			

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Nevada - http://ndep.nv.gov					
Foreland Refining Corp	Eagle Springs	2,000			
New Jersey - http://www.state.nj.us/dep					
Chevron USA Inc (asphalt)	Perth Amboy	80,000 (IDLE)			
ConocoPhillips Company "Bayway Refinery"	Linden	238,000	Expansion Deferred		
Hess Corporation	Port Reading	0			
NuStar Asphalt Refining LLC (formerly Citgo Asphalt Refining)	Paulsboro	32,000 (IDLE)			
Sunoco Inc	Westville (Eagle Point Refinery)	145,000 (IDLE)	Plant Idled		
Valero Refining Co New Jersey	Paulsboro	160,000			
New Mexico - http://www.nmenv.state.nm.us					
Navajo Refining Co	Artesia	95,000	Constructing Expansion - Permit Issued (Note: Navajo Refining in Artesia & Lovington operate as a single refinery)		Likely after expansion ²
Western Refining Southwest Inc.	Bloomfield	16,800	Plant to be idled		
Western Refining Southwest Inc.	Gallup	20,800			
North Dakota - http://www.health.state.nd.us/aq/					
Tesoro West Coast	Mandan	58,000			
Mandan, Hidatsa and Arikara ("MHA") Nation Refinery	Makoti	15,000	Proposed Refinery - Greenfield Site	EPA and BIA are expected to issue Record of Decision soon - This refinery is not required to have Clean Air Act permits	Yes ¹

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Northwest Refining Inc.	Williston	100,000	Proposed Refinery - Greenfield Site	Application has not been submitted	Unknown
Ohio - http://www.epa.state.oh.us					
BP - Husky Refining LLC	Toledo	125,600			Yes ¹
Lima Refining Co. (Husky Energy) (formerly Valero & Premcor)	Lima	146,200			
Marathon Petroleum Co LLC	Canton	78,000			Yes ¹
Sunoco Inc	Toledo	160,000			Yes ¹
Oklahoma - http://www.deq.state.ok.us					
ConocoPhillips Company	Ponca City	198,400			Yes ¹
Holly Refining and Marketing (formerly Sunoco Inc)	Tulsa	85,000			Likely in future - Holly has entered into an agreement to purchase the Sinclair refinery in Tulsa and is planning to merge operations
Sinclair Tulsa Refining Co	Tulsa	70,300	Construction Expansion - Permit Issued		Yes, after construction of expansion
Valero Refining Co Oklahoma	Ardmore	87,400			Likely ²
Ventura Refining & Transmission LLC	Thomas	12,000 (IDLE)			
Wynnewood Refining Co	Wynnewood	70,000	Construction Expansion - Permit Issued		
Pennsylvania - http://www.depweb.state.pa.us					
American Refining Group Inc	Bradford	10,000			
ConocoPhillips Company	Trainer	185,000			
Sunoco Inc	Marcus Hook	178,000			
Sunoco Inc (R&M)	Philadelphia	335,000			
United Refining Co	Warren	65,000			Yes ¹

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South Dakota - http://denr.sd.gov/					
Hyperion Refining, LLC	Elk Point	400,000	Proposed Refinery - Greenfield Site	There are no more opportunities to comment. The contested case hearing recently finished in South Dakota. The administrative law judge has not yet issued a final ruling.	Yes ¹
Tennessee - http://www.tennessee.gov/environment/					
Valero (formerly Premcor Refining Group)	Memphis	180,000			
Texas - http://www.tceq.state.tx.us					
Age Refining Inc	San Antonio	14,021			
Alon USA Energy Inc	Big Spring	67,000			
BP Products North America Inc	Texas City	455,790			
Citgo Refining & Chemical Inc	Corpus Christi	163,000			
ConocoPhillips Company	Sweeny	247,000			
Delek Refining LTD	Tyler	58,000			
ExxonMobil Refining & Supply Co	Baytown	572,500			
ExxonMobil Refining & Supply Co	Beaumont	344,500			
Flint Hills Resources LP	Corpus Christi	288,468	Engineering Stage of New Coker Unit - Permit Issued		Possibly, after addition of coker ²
Houston Refining LP (formerly Lyondell Citgo)	Houston	270,600			
Marathon Petroleum Co LLC	Texas City	76,000			
Motiva Enterprises LLC	Port Arthur	285,000	Constructing Expansion - Permit Issued		

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Pasadena Refining Systems Inc	Pasadena	100,000			
Shell Deer Park Refining	Deer Park	329,800			
Total Petrochemicals Inc	Port Arthur	232,000	Constructing Expansion - Permit Issued		
Valero Energy Corp	Sunray	171,000			
Valero Energy Corp	Three Rivers	93,000	Expansion		
Valero Refining Co (formerly Premcor Refining Group)	Port Arthur	287,000	Constructing Expansion - Permit Issued		Yes, after construction of expansion ¹
Valero Refining Co Texas	Corpus Christi	142,000			
Valero Refining Co Texas	Houston	83,000	Note: The Valero Houston and Texas City refineries are connected via pipeline.		
Valero Refining Co Texas	Texas City	199,500	Note: The Valero Houston and Texas City refineries are connected via pipeline.		Yes, after construction of expansion ¹
Western Refining Company LP	El Paso	122,000			
WRB Refining LLC (ConocoPhillips)	Borger	146,000	Expansion		Yes, after construction of expansion ¹
Utah - http://www.airquality.utah.gov					
Big West Oil Co	North Salt Lake City	29,400			Yes ¹
Chevron USA Inc	Salt Lake City	45,000			Yes ¹
Holly Corp Refining & Marketing	Woods Cross	25,050			Likely ²
Silver Eagle Refining	Woods Cross	10,250 (IDLE)	Plant Idled		
Tesoro West Coast	Salt Lake City	58,000			Yes ¹
Virginia - http://www.deq.state.va.us					
Western Refining Yorktown Inc	Yorktown	64,500			Likely ²

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Washington - http://www.efsec.wa.gov/					
BP West Coast Products LLC	Blaine/Ferndale/Cherry Point	225,000			
ConocoPhillips Company	Ferndale	100,000	Expansion Deferred		
Shell Oil Products US	Anacortes	145,000			Yes ¹
Tesoro West Coast	Anacortes	120,000			Yes ¹
US Oil & Refining Co	Tacoma	37,850			
West Virginia - http://www.wvdep.org					
Ergon West Virginia Inc	Newell	20,000			
Wisconsin - http://www.dnr.state.wi.us					
Murphy Oil USA Inc	Superior	34,300			Yes ¹
Wyoming - http://deq.state.wy.us/aqd/					
Frontier Refining Inc	Cheyenne	47,000			Likely ²
Little America Refining Co	Evansville	24,500			Yes ¹
Northcut Refining LLC	Douglas	3,000 (IDLE)			
Silver Eagle Refining	Evanston	3,000			
Sinclair Wyoming Refining Co	Sinclair	74,000			Yes ¹
Wyoming Refining Co	Newcastle	14,000			
Puerto Rico - http://www.epa.gov/region02/air/					
Shell Chem Yabucoa Inc	Yabucoa	77,900			
Virgin Islands - http://www.epa.gov/region02/air/					
Hovensa LLC	Kingshill	500,000			

¹ Information about refineries identified as processing tar sands oil comes from Earthworks No Dirty Energy project. <http://www.nodirtyenergy.org/storage/nodirtyenergy/documents/ustarsandsmap.pdf>

² The determination that refineries are likely processing tar sands was made by assessing the geographic location in relation to pipelines known to carry tar sands oil in conjunction with information provided by company web sites that discuss the processing of heavier sour crude oil. Information was also obtained from state environmental departments and news articles. Please contact the Environmental Integrity Project for more information.