

## Appendix 3a: Community Profile

### Information on the Best Available Retrofit Control Technology and AB 2588 Program

AB 617 requires air districts to implement Best Available Retrofit Control Technology (BARCT) for facilities in the state greenhouse gas cap-and-trade program by December 31, 2023. The Wilmington, Carson, West Long Beach community has facilities that are subject to BARCT, specifically larger facilities that are in the REgional Clean Air Incentives Market (RECLAIM) program. In addition, CARB's Blueprint states that facilities located within the community with Risk Reduction Plans under the Assembly Bill (AB) 2588 program must be identified. Descriptions of the facilities that are subject to BARCT (specifically RECLAIM facilities) and the AB 2588 program are provided below.

### Best Available Retrofit Control Technology (BARCT)

#### *RECLAIM facilities*

Facilities within the RECLAIM program are typically larger facilities that have NO<sub>x</sub> emissions greater than four tons per year. The RECLAIM program<sup>1</sup> uses a market-based approach to achieve emission reductions from facilities for nitrogen oxides (NO<sub>x</sub>) and sulfur oxides (SO<sub>x</sub>) in the aggregate. However, an analysis of the RECLAIM program has shown that the ability to achieve NO<sub>x</sub> emission reductions using a market-based approach has diminished; therefore, pursuant to Board direction, RECLAIM NO<sub>x</sub> facilities will transition<sup>i</sup> to a command-and-control regulatory structure to ensure facilities meet BARCT. RECLAIM facilities that are also in the State greenhouse gas cap-and-trade program are subject to the BARCT requirements of AB 617. South Coast AQMD staff completed an analysis of the equipment at each RECLAIM facility, giving higher priority to older, higher polluting units that will need to install retrofit controls. The higher polluting units at RECLAIM facilities will be or have been evaluated for BARCT and will be subject to the following South Coast AQMD rules: Rules 1109.1,<sup>2</sup> 1110.2,<sup>3</sup> 1117,<sup>4</sup> 1118.1,<sup>5</sup> 1134,<sup>6</sup> 1135,<sup>7</sup> 1146, 1146.1, 1146.2,<sup>8</sup> 1147, 1147.1,<sup>9</sup> and 1147.2.<sup>10</sup> A BARCT assessment includes an evaluation of emission limits for existing units, South Coast AQMD regulatory requirements, other regulatory requirements, and pollution control technologies. Table Appendix 3a-1 lists the RECLAIM facilities that may be subject to BARCT and whether they are in the State cap-and-trade program.

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<sup>i</sup> For more information on the RECLAIM transition please see: <http://www.aqmd.gov/home/rules-compliance/reclaim-transition>.

Table Appendix 3a-1: List of NOx RECLAIM facilities within the Wilmington, Carson, Long Beach community

RECLAIM Facility Name	Facility Address	Cap-and-Trade Facility (Yes/No)
AIR PROD & CHEM INC	23300 S ALAMEDA ST., CARSON	No
NEW NGC, INC.	1850 PIER B ST., LONG BEACH	Yes
RALPHS GROCERY CO	1100 W ARTESIA BLVD., COMPTON	No
PACIFIC CONTINENTAL TEXTILES, INC.	2880 E ANA ST., COMPTON	No
LA CITY, HARBOR DEPT	500 PIER A ST., BERTH 161, WILMINGTON	No
TIDELANDS OIL PRODUCTION COMPANY ETAL	230 S PICO AVE., LONG BEACH	Yes
TEXOLLINI INC	2575 EL PRESIDIO ST., CARSON	No
AIR PRODUCTS AND CHEMICALS, INC.	700 N HENRY FORD AVE., WILMINGTON	No
PRIME WHEEL	17704 S BROADWAY ST., CARSON	Yes
LONG BEACH GENERATION, LLC	2665 PIER S LN., LONG BEACH	No
INEOS POLYPROPYLENE LLC	2384 E 223RD ST., CARSON	No
THUMS LONG BEACH CO	1411 PIER D ST., LONG BEACH	Yes
LEKOS DYE AND FINISHING, INC	3131 HARCOURT ST., COMPTON	No
FS PRECISION TECH LLC	3025 E VICTORIA ST., COMPTON	No
TESORO REFINING AND MARKETING CO, LLC	23208 S ALAMEDA ST., CARSON	Yes
HARBOR COGENERATION CO, LLC	505 PIER B AVE., WILMINGTON	No
HENKEL ELECTRONIC MATERIALS, LLC	20021 SUSANA RD., COMPTON	No
PHILLIPS 66 CO/LA REFINERY WILMINGTON PL	1660 W ANAHEIM ST., WILMINGTON	Yes
PHILLIPS 66 COMPANY/LOS ANGELES REFINERY	1520 E SEPULVEDA BLVD., CARSON	Yes
TESORO REF & MKTG CO LLC,CALCINER	2450 PIER B ST., LONG BEACH	Yes
TESORO REFINING & MARKETING CO, LLC	2350 E 223RD ST., CARSON	Yes
ECO SERVICES OPERATIONS CORP.	20720 S WILMINGTON AVE., CARSON	Yes
URBAN COMMONS LLC EVOLUTION HOSPITALITY	1256 S PIER J AVE., LONG BEACH	No
LSC COMMUNICATIONS, LA MFG DIV	19681 PACIFIC GATEWAY DR., TORRANCE	No
ENERY HOLDINGS LLC	17171 S CENTRAL AVE., CARSON	No

RECLAIM Facility Name	Facility Address	Cap-and-Trade Facility (Yes/No)
ULTRAMAR INC	2402 E ANAHEIM ST., WILMINGTON	Yes
US BORAX INC	300 FALCON ST., WILMINGTON	No
LA CITY, DWP HARBOR GENERATING STATION	161 N ISLAND AVE., WILMINGTON	No
TIDELANDS OIL PRODUCTION CO	949 PIER G AVE., LONG BEACH	Yes
THUMS LONG BEACH	1105 HARBOR SCENIC DR., LONG BEACH	Yes
EQUILON ENTER. LLC, SHELL OIL PROD. US	20945 S WILMINGTON, CARSON	No
VALERO WILMINGTON ASPHALT PLANT	1651 ALAMEDA ST., WILMINGTON	No
PLAINS WEST COAST TERMINALS LLC	2500 E VICTORIA ST., COMPTON	No
PLAINS WEST COAST TERMINALS LLC	2685 PIER S LN., LONG BEACH	No

#### *Non-RECLAIM facilities*

As a result of the BARCT assessment conducted for RECLAIM facilities, some equipment at non-RECLAIM facilities will also be affected and will be required to meet BARCT NOx emissions. The BARCT assessment is still currently being conducted for a number of rules and the list of affected non-RECLAIM facilities that may be subject to additional requirements is being developed.

#### [AB 2588 Program](#)

The AB 2588 Program<sup>11</sup> is a statewide program that requires air districts to establish emissions inventory of air toxics from individual facilities.<sup>ii</sup> The AB 2588 program is implemented in South Coast AQMD through Rule 1402 - Control of Toxic Air Contaminants from Existing Sources<sup>12</sup> which requires certain facilities to conduct Health Risk Assessments to assess the health risk (long-term versus short-term) to the surrounding community. Facilities are required to submit Health Risk Assessments<sup>13</sup> based upon the toxicity and volume of toxic air contaminants released within proximity to potential receptors (e.g., hospitals, residences, work sites). Depending on the risk, facilities may be required to do public notices and hold a public meeting. If a facility is determined to exceed the significant risk level, as determined by each air district, they are required to reduce this risk by submitting a Risk Reduction Plan (RRP).<sup>14</sup> The RRP outlines what measures (e.g., high-efficiency particulate air (HEPA) filters) the facility will incorporate to reduce their risk. (Some facilities may be subject to the AB 2588 program, but do not exceed the action risk threshold and therefore are not required to submit a RRP.) Some facilities may also choose to voluntarily reduce

<sup>ii</sup> The South Coast AQMD's AB 2588 Program incorporates the requirements of the state AB 2588 program, as well as additional and/or more stringent requirements.

their risk by submitting a voluntary RRP (VRRP).<sup>iii</sup> If a facility has an approved VRRP, the risks will be reduced below the voluntary risk threshold. Table Appendix 3a-2<sup>iv</sup> shows facilities within the Wilmington, Carson, West Long Beach community that are currently in the AB 2588 program in the South Coast AQMD. This table includes the facility name, location address, and the most recent status under the AB 2588 program. Facilities in the AB 2588 program without a RRP or VRRP will have the prioritization level (High, Intermediate, or Low)<sup>v</sup> and what year the prioritization was conducted listed as the status. Prioritization is based on reporting every four years.

Table Appendix 3a-2: List of facilities in the AB 2588 program within the Wilmington, Carson, Long Beach community

Facility Name	Facility Address	Status within the AB 2588 Program
AIR PROD & CHEM INC	23300 S ALAMEDA ST, CARSON	Prioritization from 2017 - Intermediate
LMC ENTERPRISES, DBA FLO-KEM	19400-02 SUSANA RD, RANCHO DOMINGUEZ	Prioritization from 2016 – Low
LA CITY, TERMINAL ISLAND TREATMENT PLANT	445 FERRY ST, SAN PEDRO	Prioritization from 2015 - Intermediate
WESTERN TUBE & CONDUIT CORP	2001 E DOMINGUEZ ST, LONG BEACH	Prioritization from 2015 - Intermediate
PICK YOUR PART AUTO WRECKING	1903 N BLINN AVE, WILMINGTON	Prioritization from 2016 – Low
LA CITY, HARBOR DEPT	500 PIER A ST, BERTH 161, WILMINGTON	Prioritization from 2017 – Low
MAXIMA ENTERPRISES, INC.	23920-4 S VERMONT AVE, HARBOR CITY	Prioritization from 2015 – Low
PERVAN TOOLING CO., INC	1716 KONA DR, COMPTON	Prioritization from 2017 - Intermediate
BREA CANON OIL CO	630 LOMITA BLVD, WILMINGTON	Prioritization from 2015 - Intermediate
AIR PRODUCTS AND CHEMICALS, INC.	700 N HENRY FORD AVE, WILMINGTON	Prioritization from 2018 - Intermediate
RIBOST TERMINAL, LLC.	1405 PIER "C" ST, LONG BEACH	Prioritization from 2017 - Intermediate

<sup>iii</sup> Some facilities may have submitted applications for a VRRP; however, if the facility is found to be already under the voluntary risk threshold, no further reduction measures are required.

<sup>iv</sup> Facilities listed in the table are reducing risk or in the process of reducing risk.

<sup>v</sup> Facilities designated as high priority are required to submit Heath Risk Assessments to assess the risk to their surrounding community. Facilities ranked as Intermediate priority are required to submit a complete toxics inventory once every four years. Facilities ranked as low priority are exempt from reporting.

Facility Name	Facility Address	Status within the AB 2588 Program
POLY ONE CORPORATION	2104 E 223RD ST, CARSON	Prioritization from 2017 – Low
FS PRECISION TECH LLC	3025 E VICTORIA ST, COMPTON	Prioritization from 2018 – Low
WARREN E&P, INC	625 E ANAHEIM ST, WILMINGTON	Prioritization from 2017 - Intermediate
TESORO REFINING AND MARKETING CO, LLC	23208 S ALAMEDA ST, CARSON	Risks below notification risk level based on most recent HRA
SA RECYCLING	901 NEW DOCK ST, TERMINAL ISLAND	Prioritization from 2017 - Intermediate
HUCK INTERNATIONAL INC	900 WATSON CENTER RD, CARSON	Prioritization from 2016 – Low
TESORO LOGISTICS, WILMINGTON TERMINAL	1930 E PACIFIC COAST HWY, WILMINGTON	Prioritization from 2015 – Low
PHILLIPS 66 CO/LA REFINERY WILMINGTON PL	1660 W ANAHEIM ST, WILMINGTON	HRA submittal pending
PHILLIPS 66 COMPANY/LOS ANGELES REFINERY	1520 E SEPULVEDA BLVD, CARSON	Risks below notification risk level based on most recent HRA
TESORO LOGISTICS LONG BEACH TERMINAL	820 CARRACK AVE, LONG BEACH	Prioritization from 2016 – Low
EC VAPOR CONTROL SYSTEMS	885 S PIER A ST, WILMINGTON	Prioritization from 2017 - Intermediate
TESORO REF & MKTG CO LLC,CALCINER	2450 PIER B ST, LONG BEACH	Risks below notification risk level based on most recent HRA
TESORO REFINING & MARKETING CO, LLC*	2350 E 223RD ST, CARSON	VRRP under review
TESORO LOGISTICS, CARSON CRUDE TERMINAL	24696 S WILMINGTON AVE, CARSON	Prioritization from 2015 – Low
TESORO LOGISTICS,CARSON PROD TERMINAL	2149 E SEPULVEDA BLVD, CARSON	Prioritization from 2015 – Low
TESORO LOGISTICS MARINE TERMINAL 3	MARINE TERMINAL 3 PORT OF LB, LONG BEACH	Prioritization from 2018 – Low
TESORO LOGISTICS MARINE TERMINAL 2	1350 PIER B ST, LONG BEACH	Prioritization from 2015 - Intermediate

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Facility Name	Facility Address	Status within the AB 2588 Program
ENVENT CORPORATION	1660 W ANAHEIM ST, WILMINGTON	Prioritization from 2017 - Intermediate
SOLVAY USA, INC	20851 S SANTA FE AVE, LONG BEACH	Prioritization from 2016 - Intermediate
ECO SERVICES OPERATIONS CORP.	20720 S WILMINGTON AVE, CARSON	Prioritization from 2017 - High
TORRANCE LOGISTICS COMPANY, LLC	799 S SEASIDE AVE, B #238-240, TERMINAL ISLAND	Prioritization from 2015 - Intermediate
SIGNAL HILL PETROLEUM, INC	2700 OLIVE ST, LONG BEACH	Prioritization from 2017 – Low
GS II, INC.	1431 W E ST, WILMINGTON	Prioritization from 2016 – Low
CUSTOM FIBREGLASS MFG. CO DBA SNUGTOP	1711 HARBOR AVE, LONG BEACH	Prioritization from 2015 - Intermediate
ENERY HOLDINGS LLC	17171 S CENTRAL AVE, CARSON	Prioritization from 2017 – Low
ULTRAMAR INC	2402 E ANAHEIM ST, WILMINGTON	VRRP under review
KINDER MORGAN LIQUIDS TERMINALS, LLC	1900 WILMINGTON - SAN PEDRO RD, WILMINGTON	Prioritization from 2015 – Low
KINDER MORGAN LIQUIDS TERMINALS, LLC	2000 E SEPULVEDA BLVD, CARSON	Prioritization from 2015 - Intermediate
PETRO DIAMOND TERMINAL CO	1920 LUGGER BERTH 83 WAY, LONG BEACH	Prioritization from 2015 – Low
US BORAX INC	300 FALCON ST, WILMINGTON	Prioritization from 2015 – Low
LA CITY, DWP HARBOR GENERATING STATION	161 N ISLAND AVE, WILMINGTON	Prioritization from 2015 - Intermediate
ULTRAMAR INC	961 LA PALOMA AVE, WILMINGTON	Prioritization from 2015 - Intermediate
LA CO. SANITATION DIST	24501 S FIGUEROA ST, CARSON	Prioritization from 2017 - Intermediate
SFPP, L.P. (NSR USE)	20410 S WILMINGTON AVE, CARSON	Prioritization from 2016 - High
LA CO HARBOR-UCLA MEDICAL CENTER	1000 W CARSON ST, TORRANCE	Prioritization from 2017 - Intermediate
TIDELANDS OIL PRODUCTION CO	949 PIER G AVE, LONG BEACH	Prioritization from 2015 – Low

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Facility Name	Facility Address	Status within the AB 2588 Program
THUMS LONG BEACH	1105 HARBOR SCENIC DR, PIERS J1-J6, LONG BEACH	Prioritization from 2015 - Intermediate
EQUILON ENTER. LLC, SHELL OIL PROD. US	20945 S WILMINGTON, CARSON	HRA under review
VALERO WILMINGTON ASPHALT PLANT	1651 ALAMEDA ST, WILMINGTON	Prioritization from 2016 - Intermediate
PLAINS WEST COAST TERMINALS LLC	2500 E VICTORIA ST, COMPTON	Prioritization from 2017 - High
PLAINS WEST COAST TERMINALS LLC	2685 PIER S LN, LONG BEACH	Prioritization from 2018 – Low
TESORO REFINING AND MARKETING CO, LLC*	2101 E PACIFIC COAST HWY, WILMINGTON	VRRP under review

\*Facilities are consolidating

### References

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- Heaters; Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters; Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters; and - Implementation Schedule for NO<sub>x</sub> Facilities, <http://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/proposed-rules#1146>, Accessed July 29, 2019.
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  10. South Coast AQMD, PAR 1147.2: NO<sub>x</sub> Reductions from Metal Processing Equipment, <http://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/proposed-rules#1147.2>, Accessed July 29, 2019.
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  14. South Coast AQMD, Risk Reduction, <http://www.aqmd.gov/home/rules-compliance/compliance/toxic-hot-spots-ab-2588/risk-reduction>, Accessed July 19, 2019.