



## FACILITY PERMIT TO OPERATE

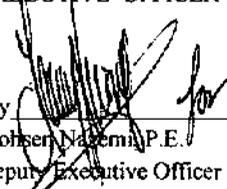
**TESORO REFINING AND MARKETING CO, LLC  
23208 S ALAMEDA ST  
CARSON, CA 90810**

### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

By   
Mohsen Nagemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance



## FACILITY PERMIT TO OPERATE TESORO REFINING AND MARKETING CO, LLC

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**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

**RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)**

| Year<br>Begin End<br>(month/year) | Zone    | NOx RTC<br>Initially<br>Allocated | NOx RTC <sup>1</sup><br>Holding as of<br>01/01/2014<br>(pounds) | Non-Tradable <sup>2</sup><br>Non-Usable<br>RTCs<br>(pounds) |
|-----------------------------------|---------|-----------------------------------|---|---|
| 7/2011 6/2012                     | Coastal | 0                                 | 0   | 0   |
| 1/2012 12/2012                    | Coastal | 52920                             | 38134   | 0   |
| 7/2012 6/2013                     | Coastal | 0                                 | 19375   | 0   |
| 1/2013 12/2013                    | Coastal | 52920                             | 79763   | 0   |
| 7/2013 6/2014                     | Coastal | 0                                 | 19375   | 0   |
| 1/2014 12/2014                    | Coastal | 52920                             | 79763   | 0   |
| 7/2014 6/2015                     | Coastal | 0                                 | 19375   | 0   |
| 1/2015 12/2015                    | Coastal | 52920                             | 79763   | 0   |
| 7/2015 6/2016                     | Coastal | 0                                 | 19375   | 0   |
| 1/2016 12/2016                    | Coastal | 52920                             | 79763   | 0   |
| 7/2016 6/2017                     | Coastal | 0                                 | 19375   | 0   |
| 1/2017 12/2017                    | Coastal | 52920                             | 79763   | 0   |
| 7/2017 6/2018                     | Coastal | 0                                 | 19375   | 0   |
| 1/2018 12/2018                    | Coastal | 52920                             | 79763   | 0   |
| 7/2018 6/2019                     | Coastal | 0                                 | 19375   | 0   |
| 1/2019 12/2019                    | Coastal | 52920                             | 79763   | 0   |
| 7/2019 6/2020                     | Coastal | 0                                 | 19375   | 0   |

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.



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| Year                  |         | Zone    | NOx RTC<br>Initially<br>Allocated | NOx RTC <sup>1</sup><br>Holding as of<br>01/01/2014<br>(pounds) | Non-Tradable <sup>2</sup><br>Non-Usable<br>RTCs<br>(pounds) |
|-----------------------|---------|---------|-----------------------------------|---|---|
| Begin<br>(month/year) | End     |         |                                   |   |   |
| 1/2020                | 12/2020 | Coastal | 52920                             | 79763   | 0   |
| 7/2020                | 6/2021  | Coastal | 0                                 | 19375   | 0   |
| 1/2021                | 12/2021 | Coastal | 52920                             | 79763   | 0   |
| 7/2021                | 6/2022  | Coastal | 0                                 | 19375   | 0   |
| 1/2022                | 12/2022 | Coastal | 52920                             | 79763   | 0   |
| 7/2022                | 6/2023  | Coastal | 0                                 | 19375   | 0   |
| 1/2023                | 12/2023 | Coastal | 52920                             | 79763   | 0   |
| 7/2023                | 6/2024  | Coastal | 0                                 | 19375   | 0   |
| 1/2024                | 12/2024 | Coastal | 52920                             | 79763   | 0   |
| 7/2024                | 6/2025  | Coastal | 0                                 | 19375   | 0   |
| 1/2025                | 12/2025 | Coastal | 52920                             | 79763   | 0   |
| 7/2025                | 6/2026  | Coastal | 0                                 | 19375   | 0   |
| 1/2026                | 12/2026 | Coastal | 52920                             | 79763   | 0   |
| 7/2026                | 6/2027  | Coastal | 0                                 | 19375   | 0   |
| 1/2027                | 12/2027 | Coastal | 52920                             | 79763   | 0   |
| 7/2027                | 6/2028  | Coastal | 0                                 | 19375   | 0   |
| 1/2028                | 12/2028 | Coastal | 52920                             | 79763   | 0   |

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
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**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

The annual allocation of NO<sub>x</sub> RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO<sub>x</sub> emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

**RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)**

| Year<br>Begin End<br>(month/year) | Zone    | NO <sub>x</sub> RTC<br>Initially<br>Allocated | NO <sub>x</sub> RTC <sup>1</sup><br>Holding as of<br>01/01/2014<br>(pounds) | Non-Tradable <sup>2</sup><br>Non-Usable<br>RTCs<br>(pounds) |
|-----------------------------------|---------|---|---|---|
| 7/2028 6/2029                     | Coastal | 0   | 19375   | 0   |
| 1/2029 12/2029                    | Coastal | 52920   | 79763   | 0   |

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
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The annual allocation of SOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total SOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

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**RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)**

| Year<br>Begin End<br>(month/year) | Zone    | SOx RTC<br>Initially<br>Allocated | SOx RTC <sup>1</sup><br>Holding as of<br>01/01/2014<br>(pounds) | Non-Tradable <sup>2</sup><br>Credits<br>(NTCs)<br>(pounds) |
|-----------------------------------|---------|-----------------------------------|---|--|
| 7/2011 6/2012                     | Coastal | 0                                 | 1750  |  |
| 1/2012 12/2012                    | Coastal | 46857                             | 41490   |  |
| 7/2012 6/2013                     | Coastal | 0                                 | 5000  |  |
| 1/2013 12/2013                    | Coastal | 46857                             | 53151   |  |
| 7/2013 6/2014                     | Coastal | 0                                 | 4674  |  |
| 1/2014 12/2014                    | Coastal | 46857                             | 51916   |  |
| 7/2014 6/2015                     | Coastal | 0                                 | 4565  |  |
| 1/2015 12/2015                    | Coastal | 46857                             | 51916   |  |
| 7/2015 6/2016                     | Coastal | 0                                 | 4565  |  |
| 1/2016 12/2016                    | Coastal | 46857                             | 51916   |  |
| 7/2016 6/2017                     | Coastal | 0                                 | 4565  |  |
| 1/2017 12/2017                    | Coastal | 46857                             | 50680   | 1235   |
| 7/2017 6/2018                     | Coastal | 0                                 | 4457  | 109  |
| 1/2018 12/2018                    | Coastal | 46857                             | 50680   | 1235   |
| 7/2018 6/2019                     | Coastal | 0                                 | 4457  | 109  |
| 1/2019 12/2019                    | Coastal | 46857                             | 49816   | 2100   |
| 7/2019 6/2020                     | Coastal | 0                                 | 4381  | 185  |

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
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|-----------------------------------|---------|---|---|--|
| 1/2020 12/2020                    | Coastal | 46857   | 49816   |  |
| 7/2020 6/2021                     | Coastal | 0   | 4381  |  |
| 1/2021 12/2021                    | Coastal | 46857   | 49816   |  |
| 7/2021 6/2022                     | Coastal | 0   | 4381  |  |
| 1/2022 12/2022                    | Coastal | 46857   | 49816   |  |
| 7/2022 6/2023                     | Coastal | 0   | 4381  |  |
| 1/2023 12/2023                    | Coastal | 46857   | 49816   |  |
| 7/2023 6/2024                     | Coastal | 0   | 4381  |  |
| 1/2024 12/2024                    | Coastal | 46857   | 49816   |  |
| 7/2024 6/2025                     | Coastal | 0   | 4381  |  |
| 1/2025 12/2025                    | Coastal | 46857   | 49816   |  |
| 7/2025 6/2026                     | Coastal | 0   | 4381  |  |
| 1/2026 12/2026                    | Coastal | 46857   | 49816   |  |
| 7/2026 6/2027                     | Coastal | 0   | 4381  |  |
| 1/2027 12/2027                    | Coastal | 46857   | 49816   |  |
| 7/2027 6/2028                     | Coastal | 0   | 4381  |  |
| 1/2028 12/2028                    | Coastal | 46857   | 49816   |  |

Footnotes:

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| Year<br>Begin End<br>(month/year) | Zone    | SO <sub>x</sub> RTC    | SO <sub>x</sub> RTC <sup>1</sup>        | Non-Tradable <sup>2</sup>     |
|-----------------------------------|---------|------------------------|---|-------------------------------|
|                                   |         | Initially<br>Allocated | Holding as of<br>01/01/2014<br>(pounds) | Credits<br>(NTCs)<br>(pounds) |
| 7/2028 6/2029                     | Coastal | 0                      | 4381                                    |                               |
| 1/2029 12/2029                    | Coastal | 46857                  | 49816                                   |                               |

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
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The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005(c)(4). Rule 2005(e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

| Year         |         | Zone    | NOx RTC             | Non-Tradable |
|--------------|---------|---------|---------------------|--------------|
| Begin        | End     |         | Starting Allocation | Credits(NTC) |
| (month/year) |         |         | (pounds)            | (pounds)     |
| 1/1994       | 12/1994 | Coastal | 73230               | 0            |



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| Year         |         | Zone    | SOx RTC             | Non-Tradable |
|--------------|---------|---------|---------------------|--------------|
| Begin        | End     |         | Starting Allocation | Credits(NTC) |
| (month/year) |         |         | (pounds)            | (pounds)     |
| 1/1994       | 12/1994 | Coastal | 173422              | 143994       |